CITY OF BISHOP

CITY COUNCIL MEETING AGENDA

City Council Chambers - 301 West Line Street - Bishop, California
TUESDAY, MAY 28, 2024 - 6:00 PM

NOTICE TO THE PUBLIC: Please be advised this meeting is accessible to the public in person, on the City of Bishop website, or on the local government cable channel 12. In compliance with the Americans with Disabilities Act of 1990, if you need special assistance to participate in this meeting, please contact the City Clerk at 760-873-5863 Extension 124. Notification at least 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28 CFR 35.102.35.104 ADA Title II].

The public is encouraged to participate or observe this meeting by:

1. **Attending this meeting in person at the City of Bishop City Council Chambers located at 301 West Line Street in Bishop, California.**
2. **Observing this meeting live from the City of Bishop website at: https://www.cityofbishop.com/government/city_council/index.php**
3. **Observe this meeting live from the local government cable channel 12.**

Public comments may be made:

1. **In person: Members of the public desiring to speak on a matter appearing on the agenda should ask the Mayor for the opportunity to be heard when the item comes up for Council consideration (or complete a speaker card prior to the meeting). Comments for all agenda items are limited to a speaking time of three minutes unless modified by the Mayor.**
2. **In writing: Go to http://bishop-ca.granicus.com/ViewPublisher.php?view_id=8 to submit an "eComment" for the corresponding meeting. Please note that eComment submissions closes at 3:00 p.m. on the day of the meeting. You may also hand deliver public comments to the City drop/payment box located at the Church Street entrance to City Hall on or before the deadline noted above. Written public comments received after the deadline will be provided to the Council at the earliest possibility. Please note written public comments received will not be read aloud at the meeting.**

Any writing that is a public record that relates to an agenda item for open session distributed less than 72 hours prior to the meeting will be available for public inspection at City Hall, 377 West Line Street, Bishop, California during normal business hours. Government Code 54957.5(b)(1). Copies will also be provided at the appropriate meeting.

1. **CALL TO ORDER - 6:00 p.m. Tuesday, May 28, 2024**

2. **MOMENT OF SILENCE** - As we begin tonight's meeting, please join me in a moment of silence for self-meditation, prayer, or reflection.

3. **PLEDGE OF ALLEGIANCE** - Mayor Garcia will lead the pledge of allegiance.

4. **ROLL CALL**

5. **PUBLIC COMMENT**
NOTICE TO THE PUBLIC: This time is set aside to receive public comment on matters not calendared on the agenda. When recognized by the Mayor, please state your name and address for the record and please limit your comments to three minutes. Under California law the City Council is prohibited from generally discussing or taking action on items not included in the agenda; however, the City Council will listen to all public comment but will not generally discuss the matter or take action on it.

6. **DEPARTMENT REPORTS**
Updates on department activities will be given by the Department Heads and/or their staff.

A. Fire Department - Fire Chief Bret Russell

B. Police Department - Police Chief Nate Derr
Police April 2024

C. Public Works Department - Public Works Director Nora Gamino
Public Works Department Report - April 2024

D. Community Services Department - Community Services Manager Dan McElroy

E. Planning Department - Assistant Planner Ana Budnyk
Planning Department - April 2024

F. City Administrator Report - Deston Dishion
2024 04 City Admin Report.pdf

7. **BISHOP AREA CHAMBER OF COMMERCE & INFORMATION CENTER UPDATE**
Prepared and presented by Bishop Area Chamber of Commerce and Information Center Executive Director Tawni Thomson.

A. **Bishop Area Chamber of Commerce and Information Center Update Report - May 28, 2024**
Bishop Area Chamber of Commerce Report - May 28, 2024

8. **COUNTY OF INYO UPDATE**
Presented by Second District Supervisor Jeff Griffiths

9. **CONSENT CALENDAR**
NOTICE TO THE PUBLIC: All matters under the Consent Calendar are considered routine by the City and will be acted on by one motion.

A. **City Council Meeting Minutes**
Recommended Action: Council consideration to approve the City Council Meeting Minutes for April 8, 2024 and April 22, 2024.
Minutes 2024 04 08
Minutes 2024 04 22

B. **Planning Commission Cancellation Notice**
Recommended Action: Council is requested to receive and file the attached Planning Commission Cancellation Notice
May 29, 2024 - Cancellation Notice

C. **November 2024 General Municipal Election**
Recommended Action: Council consideration to adopt each resolution individually by title only in order to facilitate the General Municipal Election to be held November 5, 2024.
Resolution - Call for Election for City Offices 2024 04 22
Resolution - Request Consolidation with County Election 2024 04 22
Resolution - Regulations for Candidates' Statements 2024 04 22

D. **Monthly Budget Report for the Month of April 2024**
Recommended Action: City Council to review the presented budget report.
Monthly Budget Report for the Month of April 2024

E. **Financial Reports for the Month of April 2024**
Recommended Action: City Council review of the presented financial reports.
Bank Reconciliation Report for April 2024
Combined Cash Report for April 2024
Investment Portfolio Report for April 2024
Warrant Register Report for April 2024

F. **A Resolution to Adopt a List of Projects for Fiscal Year 2024-25 Funded by SB 1: The Road Maintenance and Accountability Act**
Recommended Action: City Council consideration to approve the Resolution adopting the list of projects funded by SB 1: The Road Repair and Accountability Act for fiscal year 2024-2025.
Resolution2024-XX

G. **Approval of Professional Services Agreements for As-Needed, On-Call Environmental Consulting Services**
Recommended Action: Council consideration to approve three (3) AS-Needed, On-Call Environmental Consulting Services Agreements with the following firms:
- HELIX Environmental Planning
- Panorama Environmental
- TEAM Environmental

PSA_HELIX_Environmental_Planning_Inc.
PSA_Panorama Environmental Inc
PSA_TEAM Environmental Inc

H. **Salary Schedules - July 1, 2024 - June 30, 2025**
Recommended Action: Council consideration to approve the Salary Schedules for 2024/2025 fiscal year.
2024-2025 Full Time Salary Schedule- DRAFT.pdf
2024-2025 Part Time Wage Scale - DRAFT.pdf
City Council & Treasurer - 2024-2025 No Changes Made.pdf

10. NEW BUSINESS

A. **Request to Waive Pool Fees for July 4,2024.**

Recommended Action: Council consideration to approve waiving pool fees for the City of Bishop Big Day in the Park, July 4th, 2024.

11. FUTURE AGENDA ITEMS

12. COUNCIL AND COMMITTEE REPORTS

13. ADJOURNMENT

Monday, June 10, 2024 at 6:00 p.m. Regular Meeting in the City Council Chambers

Bishop Police Department

End of month report April 2024

			JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
TOTAL INCIDENTS			**1106**	**985**	**1057**	**1093**								
	CALLS FOR SERVICE		625	583	612	660								
	OFFICER INITIATED INCIDENTS		481	402	445	433								
		TRAFFIC STOPS	78	60	72	44								
		OTHER OIA INC.	403	342	373	389								
		BUS/BUILDING CHECKS	2	10	4	6								
		VEH/PED CHECKS	42	33	24	31								
TOTAL OFFICER REPORTS			**87**	**74**	**88**	**78**								
	ACCIDENT		3	0	1	1								
	CRIMINAL ACCIDENT		3	2	6	7								
	FELONY		22	18	14	20								
	INFORMATION		23	28	31	22								
	INFRACTION		0	0	0	0								
	MISDEMEANOR		31	26	36	28								
	TC WITH INJURIES		1	1	0	1								
	TC NO INJURIES		5	1	7	7								
TOTAL MISDEMEANOR & FELONY ARRESTS			**21**	**15**	**26**	**23**								
	MISDEMEANOR ARRESTS		13	7	18	11								
		ADULT	13	7	18	11								
		JUVENILE	0	0	0	0								
	FELONY ARRESTS		8	8	8	12								
		ADULT	8	8	8	11								
		JUVENILE	0	0	0	1								
CITATIONS			**73**	**48**	**68**	**41**								
	MOVING		21	7	17	8								
	NON-MOVING		42	17	33	22								
	CRIMINAL		10	24	18	11								

		JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
DISPATCH PHONE ACTIVITY													
911 CALLS		180	167	193	214								
	INBOUND	169	161	186	205								
	ABANDONED	11	6	7	9								
ADMINISTRATIVE CALLS		1107	923	1060	1302								
	INBOUND	776	656	743	850								
	OUTBOUND	325	260	317	445								
	ABANDONED	5	7	0	7								

CITY OF BISHOP

377 West Line Street - Bishop, California 93514
Post Office Box 1236 - Bishop, California 93515
760-873-8458 publicworks@cityofbishop.com
www.cityofbishop.com

Small Town with a Big Backyard!

Public Works Report

April 2024

Water

1. Water consumption for the month was down 19.5% compared to April 2013.
2. Took monthly bacteria samples.
3. Checked static water levels at Wells #1, #2 and #4.
4. Continued to work with Wood Rodgers on the design for the W. Line water main replacement project.
5. Assist Fire Department with fire hydrant flow testing.
6. Recorded Quarterly water meter readings.
7. Continued with backflow testing.
8. Changed oil and grease well motors.

Sewer

1. Continue cleaning problem sewers within the city, continue systematic cleaning of sewer mains in the collection system.
2. Took monthly Biological Oxygen Demand (BOD) samples.
3. Perform maintenance on irrigation ditches and culverts at the 40 acres and continued with irrigation.
4. Continued to serve as the Administrator for the Bishop Area Wastewater Authority.
5. Replace sewer lateral for homeowner at 336 S. Second Street.
6. Clean Sludge drying beds at WWTP.
7. Assisted Matt Boring with Control Point during site visit for SCADA equipment upgrades, programed VFD for sludge pump at WWTP.
8. Took woodchipper down to the 40 acres and chipped branch piles.
9. Received new sewer main root cutter and participated in a demonstration from Haaker Equipment on the use of the new tool. Invited ESCSD to participate in demonstration.
10. Replaced the Fire Eye Control on the Heat Exchanger at the WWTP.

11. Remove and clean up downed tree in pond #6 at the WWTP.

Streets

1. Routinely checked the Sierra Bike Path for trash and debris.
2. Patched potholes along City streets.
3. Repair and replace street signs at various locations within the City.
4. Sprayed weeds along various locations within the City.
5. Weed wacked and pull weeds in City Parking Lots.
6. Relocated Stop sign on the southwest corner of Warren and Lagoon for better visibility.
7. Hosted two engagement sessions to shape the development of our cycle 7 active transportation grant scope and worked with Eastern Sierra Engineering on the preliminary engineering. Also had meetings with School District staff and the Bishop Area Bike Organization to inform the project.

Miscellaneous

1. Provide weekly safety meetings for PW crew.
2. Marked city utilities for Dig Alert tickets.
3. Performed routine maintenance on Public Works fleet.
4. Assisted the Tri County Fair Grounds to locate a water leak at their facility.
5. Attend meeting with Caltrans to discuss long term solution for Highway 6 trash cans and bathrooms.
6. Began moving materials from Fowler St. Pit to new location at West end of Lagoon St.
7. Provided signage and cones for the Foodie Fiesta at the Church St. Parking lot.
8. Assisted the Planning Department with interviewing potential consultants for on-call environmental services.

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Planning Department Report
April 2024

1. Worked on design for Active Transportation Grant. Together with Public Works Director, Nora Gamino, facilitated 2 public outreach meetings.

2. Worked with department heads on yearly Strategic Plan updates.

3. Participated in Tribal Consultation meeting with LADWP regarding Bishop Training Facility and Construction Yard.

4. Worked with Inyo County on online permitting application with OpenGov.

5. Attended CA Jobs first Strategic Planning Workshop.

6. Reviewed proposals for RFQ for Environmental Consulting Services, held 5 interviews.

7. Met with regional partners regarding Regional Housing Assessment project.

8. Downtown Bishop Parkways Project (Whitney Alley):

    - Worked with Stantec Engineers on 60% of construction documentation.

9. Zone Change:

    - Facilitated Planning Commission and City Council Hearings to rezone for the parcel at 711 Hammond Street and update Mixed-Use Overlay Zone ordinance updates.

10. Revied SB-9 Lot Split application.

11. Submitted another round of PLHA guidelines for approval with HCD.

12. Issued signage violation notices to Kmart, 2 Kmart signage have been removed.

CITY OF BISHOP

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Small Town with a Big Backyard!

City Administrators Report

April 2024

1. Continue to work with Chief Russell and our Human Resources legal firm to initiate a new onboarding program for volunteer firefighters. We will be incorporating releases, liability waivers and physical agility testing.

2. Traveled to Sacramento to meet with our state representatives. During this trip we also met with the Chief of CalOES and the California League of Cities Public Safety representative to discuss standardizing training standards for all California Volunteer Fire Departments.

3. Participated in multiple meetings with Federal and State representatives to bolster our chances to receive Earmark funds. Met with Senator Padilla's office, Senator Butler's office via Zoom and in person with Senator Alvarado-Gil.

4. Continued the effort to develop a strategic plan for City owned properties and a city-wide parking study with Wood Rogers.

5. Help multiple Department Heads meeting to prepare for Strategic Planning.

6. Continue to work with Cole Huber and AP Triton to develop a RFP for EMS services in the Bishop area.

7. Met with Patricia Robertson of Mammoth Lakes Housing to develop a plan to move the housing project known as Silver Peaks forward.

8. Continue to routinely meet with Adam Perez to discuss LADWP land that can be made available for housing.

9. Continue to meet with Assistant City Attorney Russel Hildebrand and a development group out of Pasadena to develop a plan to move properties acquired from LADWP forward as soon as possible when sale is completed.

10. Continued meeting with each department within the city to discuss strategies to manage their department more efficiently and effectively.

11. Continued to work closely with the Personnel Department, Risk Management and California Joint Powers Authority to manage claims within the city.

12. Attended the ESCOG meeting in Bishop.
13. Met individually with City Council members on a weekly basis.
14. Facilitated weekly Department Heads meetings.
15. Worked closely with Personnel to navigate several personnel issues.

Bishop Area Chamber of Commerce & Information Center
Report to Bishop City Council for Tuesday, May 28, 2024
Prepared by: Tawni Thomson, Executive Director

BISHOP INFORMATION CENTER/OTHER DESTINATION DEVELOPMENT PROGRAMS:

Memorial Day Week/Mule Days:
Tawni will provide brief recap from Bishop Information Center.

US Travel Association IPW Conference:

- 5/3-5/7 at Los Angeles Convention Center was very successful. Largest ever attendance – 5,700 delegates. Bishop was represented in two booths on the convention floor and in CA Plaza at HSVC climbing wall. We had over 90 one-on-one meetings with tour operators and travel media from Netherlands, Germany, India, Vietnam, France, Italy, Romania, and United States. We promoted the E.S.T. Itinerary with new print materials and a decal with QR code that leads to dedicated website. The site includes a beautiful professional video and interactive Storymap.
- Post conference Fam Tour. 20 attendees, plus two Visit CA Reps and a photographer took a motorcoach from LA to Palm Springs, then Barstow and into the Eastern Sierra. Joe Pollini met the bus in Lone Pine and provided a narrated trip to Bishop. The group was treated to a nice dinner at Whiskey Creek and an overnight stay at Wayfinder Hotel (formerly Creekside Inn). Half of the group took an early morning drive up to Lake Sabrina and the full group was thrilled with their tour and program at the Owens Vally Paiute-Shoshone Cultural Center before moving north the Mono Lake, June Lakes Loop and Mammoth. We've heard very positive feedback from the participants, and we are certain there will be great returns on this investment.

Run The Atlas: Hosted media fam trip for Michael and Kristin Schoeck. They are based in San Diego and have YouTube and Social Channels. They post and vlog about their travel adventures and they were in Bishop 5/17-5/19. They did beer yoga, ran in the 6K fun run portion of the High Sierra Ultra, dined at Mountain Rambler, soaked at Keough's Hot Springs and enjoyed an E-bike ride east of town near the Owens River.

Fishmas Eve Media Reception: Friday, April 26, 2024 at Bishop Country Club was great. 60+ people attended including fishing media, Berkeley, other equipment manufacturers, CA Department of Fish & Wildlife and local fishing industry experts. It's an important way we continue to nurture relationships with those that support outdoor recreation in our area.

CHSRA State Finals Rodeo: June 8 – 16. Welcome dinner will be Tuesday, June 11. Looking for volunteers to help serve dinner and help with tickets for the evening rodeo performances June 12-15.

Personal Thanks:
See attached note from Sue and Gary Halverson (they also left us a bucket of Schat's cookies).

Lodging Statistics:
January occupancy was 65.6% according to STR. Average daily rate was $134.

CHAMBER OF COMMERCE/LOCAL COMMUNITY MATTERS:

California Jobs First (formerly CERF): Bishop Chamber of Commerce worked with Sierra Business Council to host and promote a workshop to collect community input on Thursday 6/16. The event was well attended with 25+ participants. A very diverse group of attendees included students, business owners and interested community members representing a cross section of age groups and interests.

Local Event Support: Rambling Peaks Festival, Festival of Pets, Inyo Associates, and the City's Active Transportation Workshop.

New Chamber Members Since Last Report to City Council:

- All Mountain Outfitters
- Eastern Sierra NOW
- Salt. Sip & Shop
- E-Bike Bishop
- DG's Lawncare
- Wakeful Ascent Aerial Arts

New Golf Fundraiser Format: Bishop Chamber will partner with High Country Lumber to host the first annual Contractors' Classic invitational golf tournament on June 22nd. We are working now to gather prizes and hole sponsors.

Chamber Board of Directors

The all-volunteer Bishop Chamber Board of Directors is elected by the chamber membership. They provide oversight and direction to the organization. They set policy, approve the program of work and annual budget. An election is underway to fill vacancies on the board as some current members' terms expire June 30, 2024. Ballots have been mailed and will be counted on 6/10/24. The Board will approve the results and announce at regular meeting on 6/12/24.

5-11-04

Susan M. Halverson

WOUNDED WARRIOR PROJECT

Good morning Joe + Co.

we just wanted to thank you for all of your expertise + guidance on our short visit to Bishop. We went to Pine Creek Crags yesterday + enjoyed the climbers and the beauty immensely!

We have had the opportunity to visit the Bishop Chamber

THE GREATEST CASUALTY IS BEING FORGOTTEN.®

01-646-002906737

Susan M. Halverson

WOUNDED WARRIOR PROJECT

of Commerce twice now and each time have been provided with extraordinary guidance, enthusiasm, and customer service. Thank you for your small town charm + hospitality in sharing your incredible big backyard!

With gratitude,
Sue + Gary Halverson

THE GREATEST CASUALTY IS BEING FORGOTTEN.®

01-646-002906737

CITY OF BISHOP
CITY COUNCIL MINUTES
APRIL 8, 2024

1) CALL TO ORDER

Mayor Garcia called the meeting of the Bishop City Council to order at 6:00 p.m. in the City Council Chambers, 301 West Line Street, Bishop, California.

2) MOMENT OF SILENCE

Mayor Garcia announced a moment of silence.

3) PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Councilmember Ellis.

4) ROLL CALL

PRESENT:
Councilmember Ellis
Councilmember Schwartz
Councilmember Muchovej
Mayor Pro Tem Kong
Mayor Garcia

ABSENT:
None.

OTHERS PRESENT: Deston Dishion, City Administrator; Robin Picken, City Clerk; Dean J. Pucci, City Attorney; Bret Russell, Fire Chief; Nate Derr, Police Chief; Nora Gamino, Public Works Director; and Dan McElroy, Community Services Manager

5) PUBLIC COMMENT - NOTICE TO THE PUBLIC: This time is set aside to receive public comment on matters not calendared on the agenda. When recognized by the Mayor, please state your name and address for the record and please limit your comments to three minutes. Under California law the City Council is prohibited from generally discussing or taking action on items not included in the agenda; however, the City Council may briefly respond to comments or questions from members of the public. Therefore, the City Council will listen to all public comment but will not generally discuss the matter or take action on it.

Public comments were made by:
Cam Lemons, a local resident and area pastor recited a prayer.

No further public comments were made.

6) DEPARTMENT REPORTS

Reports from the Fire, Police, Public Works, Community Services, and Administration Departments were given on each department's activities including upcoming and ongoing projects.

6.A) Fire Department - Fire Chief Bret Russell

Fire Department Report - March 2024

Fire Chief Russell recognized the following Bishop Fire Department Volunteers: Hector Martinez, Promoted to Captain; Jason Forehand, Promoted to Engineer and Fire Fighter of the Year 2023; and Courtney Morrison, Rookie of the Year.

6.B) Police Department - Police Chief Nate Derr

Police Department Report - March 2024

6.C) Public Works Department - Public Works Director Nora Gamino

Public Works Department Report - March 2024

6.D) Community Services Department - Community Services Manager Dan McElroy

Community Services Department Report - March 2024

6.E) Planning Department - Assistant Planner Ana Budnyk

Planning Department Report - March 2024

6.F) Administration - City Administrator Deston Dishion

City Administrator Report - March 2024

7) PROCLAMATIONS

7.A) Proclamation - Declaring April 2024 as Sexual Assault Awareness Month and Child Abuse Prevention Month in Bishop - Requested by Wild Iris Executive Director Vanessa Hays.

Proclamation Wild Iris SAAM CAPM 2024 04 08

Council read the proclamation. Wild Iris Adult Program Manager Kyle Osland and CASA Program Manager Brandy Taylor accepted the proclamation on behalf of Wild Iris.

8) CONSENT CALENDAR

8.A) City Council Meeting Minutes

Minutes 2024 01 08

Minutes 2024 01 11 Special Meeting

Minutes 2024 01 22

Minutes 2024 02 12

Minutes 2024 02 26

8.B) Monthly Budget Report for the Month of February 2024

Monthly Budget Report for the Month of February 2024

8.C) Financial Reports for the Month of February 2024

Bank Reconciliation Report for February 2024

Combined Cash Report for February 2024

Investment Portfolio Report for February 2024

Warrant Register Report for February 2024

8.D) C.O.P.S Fund Budget Adjustment

Cover Page

8.E) Sewer Fund Budget Adjustment

Cover Page

8.F) Sewer Fund Expense Reclassification

Cover Page

8.G) Outdated Computers and Expired Computer Warranties

Cover Page

23-24 Computer and Warranty Replacement

List of Expired Warranties

List of Computer Units Over 5 Years Old

Laptops Quote (Model #1)

Laptops Quote (Model #2)

Desktops Quote

8.H) Declaration of City-Owned Vehicle as Surplus

Cover Page

8.I) Permanent Sewer Flow Meter Installation at Clarke Street

Cover Page

Amendment 1

8.J) Propane Services Letter of Extension

Cover Page

Propane Letter of Extension from Hunt Propane Inc.

8.K) A Resolution Updating the City Council Standards and Procedures Manual to Add Additional Provisions Regarding Disruptive Behavior at Council Meetings

Proposed Resolution 2024 04 08

Updated City Council Standards and Procedures Manual 2024 04 08

8.L) Planning Commission Meeting Cancellation Notice

March 24, 2024 - Meeting Cancellation Notice

8.M) Planning Commission Meeting Agendas

April 9, 2024 - Special Meeting Agenda

8.N) Building Permits Issued Report

Building Permits Issued Report - March 2024

No public comments were made.

Motion/Councilmember Ellis Seconded/Councilmember Schwartz
Councilmember Ellis made a motion to approve the consent calendar as presented.
Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia
Noes: None
Abstain: None
Absent: None

9) NEW BUSINESS

9.A) State Funded Water System Consolidation Projects: Brookside Estates Mutual Water Company and Sierra Highlands Community Services District

Cover Page

Letter of Intent to Support Sierra Highlands

Brookside Consolidation Feasibility Study (8-17-23).pdf

City Administrator Dishion asked to interrupt the meeting and announced that Item 9C is pulled from the agenda.

Public Works Director Gamino reviewed this item with Council along with Provost & Pritchard Project Manager Hamish Kellam, Provost & Pritchard Engineer Matt Kemp, and State Water Resources Control Board Division of Drinking Water District Engineer Hector Cazares.

After answering all of Council's questions, public comments were made by: Robert Lowthorp, a member of the Brookside Estates Mutual Water Company, spoke in favor of this consolidation. John Camphouse, a Board member of the Sierra Highlands Community Water District, spoke in favor of this consolidation. No further public comments were made.

Motion/Councilmember Schwartz Seconded/Councilmember Muchovej
Councilmember Schwartz made a motion to approve the Letter of Intent to allow Sierra Highlands Community Services District to consolidate their water system with the City of Bishop.
Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia
Noes: None
Abstain: None
Absent: None

9.B) Active Transportation Program Grant Funding Support Task Order with Eastern Sierra Engineering

Cover Page

ESE Task Order 2 for ATP Cycle 7 Support

Public Works Director Gamino reviewed this item with Council.

Public comment was made by:
Tonya Miller, a local resident, asked why are we doing Sierra Street and Yaney? Public Works Director Gamino responded by letting Tonya Miller know that they potentially involve different treatments on the different roads because of right-of-way widths; some will allow us to do a certain level of treatment and some are more restrictive. We are more restricted on Yaney where we only have a 45 foot right-of-way than what we have on Sierra Street, and Yaney connects to a controlled crossing and Sierra Street does not. No further public comments were made.

Motion/Councilmember Schwartz Seconded/Mayor Garcia
Councilmember Schwartz made a motion to approve and ratify the approved task order with Eastern Sierra Engineering for professional engineering services in support of the City's Cycle 7 Active Transportation Program grant in the not-to-exceed amount of $52,578.00 and to approve an additional not-to-exceed 10% contingency amount of $5,257.80.
Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia

Noes: None
Abstain: None
Absent: None

9.C) A Resolution Opposing Initiative #21-0042A1, a November 2024 Statewide Ballot Proposition.

Cover Page

Resolution - Opposing Initiative #21-0042A1, a November 2024 Statewide Ballot Proposition

City Administrator Dishion announced at the start of New Business that this item is pulled from the Agenda.

10) FUTURE AGENDA ITEMS

Councilmember Muchovej made a request, with Council consensus, to bring back a discussion on the travel policy for Council Members referenced in the City Council Standards and Procedures Manual.

Councilmember Schwartz made a comment, not as a requested future agenda item, relating to Council's discussions on Water System Consolidation Projects with water districts. Councilmember Schwartz asked that both City Council and City Staff create a policy, a vision, or strategic plan on how these consolidation efforts and all sorts of infrastructure improvements fit in with the City's Master Plan/General Plan in order to plan for the City's future and to document what Council's thoughts were on this topic in 2024.

Mayor Garcia confirmed with staff that a discussion about sidewalks will take place at their upcoming Strategic Planning meeting.

11) COUNCIL AND COMMITTEE REPORTS

Council Members reported on meetings and community events that they attended or plan on attending.

12) ADJOURNMENT

The Mayor adjourned the meeting at 7:59 p.m. to the City Council Meeting scheduled for Monday, April 22, 2024 at 6:00 p.m. in the City Council Chambers.

_____
Jose Garcia, Mayor

Attest: _____
Robin Picken, City Clerk

CITY OF BISHOP
CITY COUNCIL MINUTES
APRIL 22, 2024

1) CALL TO ORDER

Mayor Garcia called the meeting of the Bishop City Council to order at 6:01 p.m. in the City Council Chambers, 301 West Line Street, Bishop, California.

2) MOMENT OF SILENCE

Mayor Garcia announced a moment of silence.

3) PLEDGE OF ALLEGIANCE

The Pledge of Allegiance was led by Councilmember Schwartz.

4) ROLL CALL

PRESENT:
Councilmember Ellis
Councilmember Schwartz
Councilmember Muchovej
Mayor Pro Tem Kong
Mayor Garcia

ABSENT:
None.

OTHERS PRESENT: Deston Dishion, City Administrator; Robin Picken, City Clerk; Dean J. Pucci, City Attorney; Bret Russell, Fire Chief; Nate Derr, Police Chief; Nora Gamino, Public Works Director; Anastasiia Budnyk, Assistant Planner; and Dan McElroy, Community Services Manager

5) PUBLIC COMMENT

Public comments were made by: Rick Klug, a local resident and pastor, recited a prayer. No further public comments were made.

6) DEPARTMENT REPORTS

Reports from the Fire, Police, Public Works, Community Services, Planning, and Administration Departments were given on each department's activities including upcoming and ongoing projects.

7) PRESENTATIONS

7.A) Sierra Lifeflight Ground Ambulance Operations Update - Presented by Mike Pattersen and Lisa Davis.

PRESENTATION - Sierra Lifeflight Ground Ambulance Operations - April 22, 2024

HANDOUT - Sierra Lifeflight Ground Operations Master Data Sheet -March 2024

Sierra Lifeflight personnel Mike Pattersen, Lorenzo Tovar, and Lisa Davis made a presentation to Council on Sierra Lifeflight's operations and recognized those who responded and assisted the 911 calls for patients Ed Elbers on 8/28/2023 and for Terry Crowel on 1/29/2024.

8/28/2023 Call Recognized: Communications Operator Kelsey Allred, Captain Jim Reynolds, Firefighter Mandi Grisham, Firefighter Courtney Morrison, Firefighter Dominic Jahn, Captain Hector Martinez, Paramedic Colton Riesen, Paramedic Andrew Bassett, Paramedic Devon Jeffrey, EMT Dana Felthauser, Paramedic Mike Patterson, Lisa Davis RN, David Amsalem MD, Becky Freeman RN, Andrew Stevens RN, Stacey Burke RN, Flight Paramedic Craig Ethington, Flight Nurse Crista Hollenberg, Pilot Brandin Nafeh, and John Sutton.

1/29/2024 Call Recognized: Communications Operator Kelsey Allred, Officer Cody Lawson, Detective Robin Ludovico, Lieutenant Josh Ellsworth, Chief Bret Russell, Assistant Chief Pat O'Neil, Captain Jim Reynolds, Captain Hector Martinez, Firefighter Cristal Alvarado, Firefighter Chris Costello, Firefighter Dominic Jahn, Firefighter Mandi Grisham, Paramedic Lorenzo Tovar, Paramedic Colton Riesen, EMT Hannah Waasdorp, EMT Kaylyn Rickford, Paramedic John Almeida, Paramedic Mike Patterson, EMT Lisa Davis, EMT Patrick Griley, Chelsea Robinson MD, Michael Ragsdale RN, Jacinda Thomsen RN, Andrew Stevens RN, Flight Nurse Clay Hudson, Flight Paramedic Rafael Lara, Celia Garcia, Pilot Peter Bell, and Kevin Daniels.

After answering all of Council's questions, Council thanked Sierra Lifeflight for a great presentation and for the recognitions given at today's meeting.

8) BISHOP AREA CHAMBER OF COMMERCE & INFORMATION CENTER UPDATE

8.A) Bishop Area Chamber of Commerce and Information Center Update Report - April 22, 2024

Bishop Area Chamber of Commerce Report - April 22 2024

Bishop Chamber of Commerce and Information Center Executive Director Tawni Thomson reviewed her report submitted to Council. Council thanked Tawni Thomson for her report.

9) COUNTY OF INYO UPDATE

Second District Supervisor Griffiths provided an update on Inyo County business and activities.

Mayor Garcia announced that Item 10G has been pulled from the Consent Calendar.

10) CONSENT CALENDAR

10.A) City Council Meeting Minutes

Minutes 2024 03 07 Special Meeting

Minutes 2024 03 11

Meeting Cancellation Notice 2024 03 25

10.B) Monthly Budget Report for the Month of March 2024

Monthly Budget Report for the Month of March 2024

10.C) Financial Reports for the Month of March 2024

Cover Page

Bank Reconciliation Report for March 2024

Combined Cash Report for March 2024

Investment Portfolio for March 2024

Warrant Register Report for March 2024

10.D) C.O.P.S. Fund Budget Adjustment

Cover Page

10.E) Police Department RAN Reimbursement

Cover Page

10.F) City of Bishop Vendor Agreement with Playhouse 395.

Cover Page

Playhouse 395 Certificate for City of Bishop.pdf

Vendor Agreement Between the City of Bishop and Playhouse 395

10.G) November 2024 General Municipal Election

Cover Page

Resolution - Call for Election for City Offices 2024 04 22

Resolution - Request Consolidation with County Election 2024 04 22

Resolution - Regulations for Candidates' Statements 2024 04 22

10.H) Bishop Area Wastewater Authority Meeting Cancellation Notice

April 16, 2024 - Meeting Cancellation Notice

10.I) Planning Commission Meeting Cancellation Notice

April 23, 2024 - Meeting Cancellation Notice

10.J) AMENDED Alcoholic Beverage License Application for 725 N. Main Street, Bishop, California 93514 (Owner: Dovetail Group LLC which will do business in California as Dovetail Group California LLC)

ABC Application received 2024 04 08.pdf

No public comments were made.

Motion/Councilmember Ellis Seconded/Mayor Pro Tem Kong
Councilmember Ellis made a motion to approve the consent calendar as presented minus Item G.
Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia
Noes: None
Abstain: None
Absent: None

11) PUBLIC HEARING AND ACTION

11.A) PUBLIC HEARING - First Reading and Introduction of an Ordinance of The City Council Of The City Of Bishop, State Of California, to Rezone Certain Parcels to Mixed Use Downtown Overlay Zone (MUO-DT) and Tiering for Purposes Of CEQA Review from the Downtown Specific Plan and Mixed Use Overlay Zone Environmental Impact Report.

Cover Page

Ordinance to Rezone Certain Parcels to Mixed Use Downtown Overlay Zone.pdf

PC 2024-01

2024-04-11_Public Hearing Notice

Assistant Planner Ana Budnyk reviewed this item with Council.

Mayor Garcia opened the public hearing. No public comments were made.
Mayor Garcia closed the public hearing.

Developer Jack Reynolds answered Council's questions relating to parking at this site. Jack Reynolds made comments that he hopes to accommodate more parking at the site than required.

Motion/Councilmember Muchovej Seconded/Councilmember Schwartz
Councilmember Muchovej made a motion to approve the first reading and introduction of the proposed ordinance by title only.

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, TO REZONE CERTAIN PARCELS TO MIXED USE DOWNTOWN

OVERLAY ZONE (MUO-DT) AND TIERING FOR PURPOSES OF CEQA REVIEW FROM THE DOWNTOWN SPECIFIC PLAN AND MIXED USE OVERLAY ZONE ENVIRONMENTAL IMPACT REPORT

Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia
Noes: None
Abstain: None
Absent: None

11.B) PUBLIC HEARING - First Reading and Introduction of an Ordinance of the City Council of the City Of Bishop, State of California, to Amend Chapter 17.46. MUO-DT Mixed Use Downtown Overlay Zone, Section 17.46.120. Building Placement and Finding the Action Exempt From CEQA.

Cover Page

Ordinance to Amend Chapter 17.46. MUO-DT Mixed Use Downtown Overlay Zone_Section 17.46.120

PC 2024-02

2024-04-11_Public Hearing Notice

Assistant Planner Ana Budnyk reviewed this item with Council.

Mayor Garcia opened the public hearing. No public comments were made.
Mayor Garcia closed the public hearing.

Motion/Mayor Pro Tem Kong Seconded/Councilmember Muchovej
Mayor Pro Tem Kong made a motion to approve the first reading and introduction of the proposed ordinance by title only.

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, TO AMEND CHAPTER 17.46. MUO-DT MIXED USE DOWNTOWN OVERLAY ZONE, SECTION 17.46.120. BUILDING PLACEMENT AND FINDING THE ACTION EXEMPT FROM CEQA.

Motion passed 5-0

Ayes: Councilmember Ellis, Councilmember Schwartz, Councilmember Muchovej, Mayor Pro Tem Kong, Mayor Garcia
Noes: None
Abstain: None
Absent: None

12) FUTURE AGENDA ITEMS

No requests for future agenda items were made by Council.

13) COUNCIL AND COMMITTEE REPORTS

Council Members reported on meetings and community events that they attended.

14) ADJOURNMENT

The Mayor adjourned the meeting at 8:21 p.m. to the City Council Meeting scheduled for Monday, May 13, 2024 at 6:00 p.m. in the City Council Chambers.

_____
Jose Garcia, Mayor

Attest: _____
Robin Picken, City Clerk

City of Bishop
Planning Commission

There will be no Planning Commission Meeting
May 29, 2024

The next regularly scheduled meeting will be
June 25, 2024

Bishop City Council Chambers
301 West Line Street
Bishop, CA 93514
760-873-8458

Agenda Item: 9.C
Date of Meeting: May 28, 2024
Department: City Clerk

STAFF REPORT

To:	City Council
From:	Robin Picken
Subject:	**November 2024 General Municipal Election**
Prepared On:	April 17, 2024
Attachments:	Resolution - Call for Election for City Offices 2024 04 22 Resolution - Request Consolidation with County Election 2024 04 22 Resolution - Regulations for Candidates' Statements 2024 04 22

Background/History:
The attached resolutions are necessary for the City of Bishop to consolidate its General Municipal Election with the Statewide General Election scheduled on Tuesday, November 5, 2024. The City needs to hold an election for three Council seats, and a City Treasurer. The terms for City Council Members Jim Ellis, Jose Garcia, Karen Kong, and City Treasurer Nick Lara will be expiring.

There are three (3) proposed resolutions attached for Council's consideration.

1. A proposed resolution that calls for the holding of a General Municipal Election to be held on Tuesday, November 5, 2024, for the election of certain officers as required by the provisions of the laws of the state of California relating to General Law cities. This resolution will call an election for the selection of three councilmembers, and a city treasurer.
2. A proposed resolution that requests consolidation with the County of Inyo for the City's election for these offices.
3. A proposed resolution that sets forth regulations on candidate statements for these offices.

Analysis/Discussion:
The attached resolutions set in motion the process by which three councilmembers will be selected to upcoming terms, and the process by which the city treasurer will be selected for an upcoming term. These resolutions are procedural in nature and are required for the City to decide these matters at the upcoming election November 5, 2024.

The first resolution calls the election for the election of three council seats and one city treasurer. The second resolution requests that the County of Inyo consolidate its election with the City of Bishop's election for these City offices. This allows the City to avoid the cost of

conducting a separate election for its own offices and provides the public with the convenience of voting for city, county, state and federal matters all on the same ballot.

The third resolution sets forth regulations regarding the submission of candidate statements for the city council and treasurer offices. The proposed resolution provides that candidate statements are due at the time nomination papers are filed and contains required language regarding translation of these statements.

Economic Impacts:
There are no Economic Impacts.

Budget Impacts:
Costs associated with running a consolidated election with the County of Inyo since November of 2012 has saved the City of Bishop thousands of dollars. Since the County upgraded their voting technology in 2020, it allows them to run even more efficiently saving the City even more money. Elections have cost the City less than $3,000. However, due to inflation, costs are expected to increase this year.

Legal Review:
City Attorney Pucci has reviewed this item and finds that the recommended action complies with the law.

Recommended Action:
Council consideration to adopt each resolution individually by title only in order to facilitate the General Municipal Election to be held November 5, 2024.

Approved By: Deston Dishion 4/26/24
Approved By:
Approved By:
Approved By:

RESOLUTION NO. 2024-____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, CALLING FOR THE HOLDING OF A GENERAL MUNICIPAL ELECTION TO BE HELD ON TUESDAY, NOVEMBER 5, 2024, FOR THE ELECTION OF CERTAIN OFFICERS AS REQUIRED BY THE PROVISIONS OF THE LAWS OF THE STATE OF CALIFORNIA RELATING TO GENERAL LAW CITIES.

WHEREAS, under the provisions of the laws relating to general law cities in the State of California, a General Municipal Election shall be held on November 5, 2024, for the election of Municipal Officers.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE AND ORDER AS FOLLOWS:

SECTION 1. That pursuant to the requirements of the laws of the State of California relating to General Law Cities, there is called and ordered to be held in the City of Bishop, California, on Tuesday, November 5, 2024, a General Municipal Election for the purpose of electing three Members of the City Council for the full term of four years; and a City Treasurer for the full term of four years.

SECTION 2. That the ballots to be used at the election shall be in form and content as required by law.

SECTION 3. That the City Clerk is authorized, instructed and directed to coordinate with the County of Inyo Registrar-Recorder/County Clerk to procure and furnish any and all official ballots, notices, printed matter and all supplies, equipment and paraphernalia that may be necessary in order to properly and lawfully conduct the election.

SECTION 4. That the polls for the election shall be open at seven o'clock a.m. of the day of the election and shall remain open continuously from that time until eight o'clock p.m. of the same day when the polls shall be closed, pursuant to Election Code § 10242, except as provided in §§ 14212, 14401 of the Elections Code of the State of California.

SECTION 5. That in all particulars not recited in this resolution, the election shall be held and conducted as provided by law for holding municipal elections.

SECTION 6. That notice of the time and place of holding the election is given and the City Clerk is authorized, instructed and directed to give further or additional notice of the election, in time, form and manner as required by law.

SECTION 7. That in the event of a tie vote (if any two or more persons receive an equal and the highest number of votes for an office) as certified by the County of Inyo Registrar-Recorder/County Clerk, the City Council, in accordance with Election Code § 15651(a), shall set a date and time and place and summon the candidates who have received the tie votes to appear and will determine the tie by lot.

SECTION 8. That the City Clerk shall certify to the passage and adoption of this Resolution and enter it into the book of original Resolutions.

SECTION 9. The City Council authorizes the City Clerk to administer said election and all reasonable and actual election expenses shall be paid by the City upon presentation of a properly submitted bill.

PASSED, APPROVED AND ADOPTED ON APRIL 22, 2024.

_____
Jose Garcia, Mayor

ATTEST:

_____
Robin Picken, City Clerk, Elections Official

RESOLUTION NO. 2024-____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, REQUESTING THE BOARD OF SUPERVISORS OF THE COUNTY OF INYO TO CONSOLIDATE A GENERAL MUNICIPAL ELECTION TO BE HELD ON NOVEMBER 5, 2024, WITH THE STATEWIDE GENERAL ELECTION TO BE HELD ON THE DATE PURSUANT TO § 10403 OF THE ELECTIONS CODE.

WHEREAS, the City Council of the City of Bishop called a General Municipal Election to be held on November 5, 2024, for the purpose of the election of three Members of the City Council, and a City Treasurer; and

WHEREAS, it is desirable that the General municipal election be consolidated with the Statewide General election to be held on the same date and that within the city the precincts, polling places and election officers of the two elections be the same, and that the county election department of the County of Inyo canvass the returns of the General Municipal Election and that the election be held in all respects as if there were only one election.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, DOES RESOLVE, DECLARE, DETERMINE AND ORDER AS FOLLOWS:

SECTION 1. That pursuant to the requirements of § 10403 of the Elections Code, the Board of Supervisors of the County of Inyo is hereby requested to consent and agree to the consolidation of a General Municipal Election with the Statewide General election on Tuesday, November 5, 2024, for the purpose of the election of three Members of the City Council, and a City Treasurer.

SECTION 2. That the county election department is authorized to canvass the returns of the General Municipal Election. The election shall be held in all respects as if there were only one election, and only one form of ballot shall be used. The election will be held and conducted in accordance with the provisions of law regulating the statewide or special election.

SECTION 3. That the Board of Supervisors is requested to issue instructions to the county election department to take any and all steps necessary for the holding of the consolidated election.

SECTION 4. That the City of Bishop recognizes that additional costs will be incurred by the County by reason of this consolidation and agrees to reimburse the County for any costs.

SECTION 5. That the City Clerk is hereby directed to file a certified copy of this resolution with the Board of Supervisors and the county election department of the County of Inyo.

SECTION 6 That the City Clerk shall certify to the passage and adoption of this resolution and enter it into the book of original resolutions.

PASSED, APPROVED AND ADOPTED ON APRIL 22, 2024.

_____
Jose Garcia, Mayor

ATTEST:

_____
Robin Picken, City Clerk, Elections Official

RESOLUTION NO. 2024-____

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, ADOPTING REGULATIONS FOR CANDIDATES FOR ELECTIVE OFFICE PERTAINING TO CANDIDATES STATEMENTS SUBMITTED TO THE VOTERS AT AN ELECTION TO BE HELD ON TUESDAY, NOVEMBER 5, 2024.

WHEREAS, §13307 of the Elections Code of the State of California provides that the governing body of any local agency adopt regulations pertaining to materials prepared by any candidate for a municipal election, including costs of the candidates statement.

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF BISHOP, STATE OF CALIFORNIA, DOES HEREBY RESOLVE, DECLARE, DETERMINE AND ORDER AS FOLLOWS:

SECTION 1. GENERAL PROVISIONS. That pursuant to §13307 of the Elections Code of the State of California, each candidate for elective office to be voted for at an Election to be held in the City of Bishop on November 5, 2024 may prepare a candidate's statement on an appropriate form provided by the City Clerk. The statement may include the name, age and occupation of the candidate and a brief description of no more than 200 words of the candidate's education and qualifications expressed by the candidate himself or herself. The statement shall not include party affiliation of the candidate, nor membership or activity in partisan political organizations. The statement shall be filed in typewritten form in the office of the City Clerk at the time the candidate's nomination papers are filed. The statement may be withdrawn, but not changed, during the period for filing nomination papers and until 5:00 p.m. of the next working day after the close of the nomination period.

SECTION 2. FOREIGN LANGUAGE POLICY.

A. Pursuant to the Federal Voting Rights Act, candidates statements will be translated into all languages required by the County of Inyo. At this time, the County of Inyo has no foreign language requirements.
B. The County will print and mail voter information guides and candidates statements to all voters in any foreign language requested as an option by the candidate. The County will make the voter information guides and candidates statements in any foreign language requested as an option by the candidate available at all polling places, on the County's website, and in the Elections Official's office.

SECTION 3. PAYMENT.

A. Translations:
   1. The candidate shall be required to pay for the cost of translating the candidates statement into any foreign language that is <u>not required</u> as specified in (A) and (B) of Section 2 above, pursuant to Federal and\or State law, but is requested as an option by the candidate.

B. Printing:

1. The candidate shall be required to pay for the cost of printing the candidates statement in English in the main voter pamphlet.

2. The candidate shall be required to pay for the cost of printing the candidates statement in a foreign language requested by the candidate per (B) of Section 2 above, in the main voter pamphlet.

The City Clerk shall estimate the total cost of printing, handling, translating, and mailing the candidate's statements filed pursuant to this section, including costs incurred as a result of complying with the Voting Rights Act of 1965 (as amended), and require each candidate filing a statement to pay in advance to the local agency his or her estimated pro rata share as a condition of having his or her statement included in the voter's pamphlet. In the event the estimated payment is required, the estimate is just an approximation of the actual cost that varies from one election to another election and may be significantly more or less than the estimate, depending on the actual number of candidates filing statements. Accordingly, the clerk is not bound by the estimate and may, on a pro rata basis, bill the candidate for additional actual expense or refund any excess paid depending on the final actual cost. In the event of underpayment, the clerk may require the candidate to pay the balance of the cost incurred. In the event of overpayment, the clerk shall prorate the excess amount among the candidates and refund the excess amount paid within 30 days of the election.

SECTION 4. MISCELLANEOUS.

A) All translations shall be provided by professionally-certified translators.
B) The City Clerk shall allow upper and lower case and block paragraph form to the same extent and manner as allowed by the County.
C) The City Clerk shall comply with all recommendations and standards set forth by the California Secretary of State regarding occupational designations and other matters relating to elections.

SECTION 5. ADDITIONAL MATERIALS. No candidate will be permitted to include additional materials in the voter information guide.

SECTION 6. That the City Clerk shall provide each candidate or the candidate's representative a copy of this Resolution at the time nominating petitions are issued.

SECTION 7. That all previous resolutions establishing council policy on payment for candidates statements are repealed.

SECTION 8. That this resolution shall apply only to the election to be held on November 5, 2024 and shall then be repealed.

SECTION 9. That the City Clerk shall certify to the passage and adoption of this resolution and enter it into the book of original resolutions.

PASSED, APPROVED AND ADOPTED ON APRIL 22, 2024.

_____
Jose Garcia, Mayor

ATTEST:

_____
Robin Picken, City Clerk, Elections Official

Monthly Budget Report for the Month of April 2024

General Fund-
Revenue

4/30/2024	Revenue	Actual	Approved Budget	Percent Received
001-000-31010	PROPERTY TAXES SECURED	352,105.45	540,000.00	65%
001-000-31020	PROPERTY TAXES UNSECURED	52,565.59	45,000.00	117%
001-000-31030	PROPERTY TAXES PRIOR YR.	4,204.02	6,000.00	70%
001-000-31050	PROPERTY TAX HOMEOWNERS	-	2,200.00	0%
001-000-31060	PROP TAX MISC	-	21,000.00	0%
001-000-31065	VLF SWAP/PROP TX IN LIEU	-	350,000.00	0%
001-000-31066	VEHICLE LIC FEE IN EXCESS	4,782.92	3,700.00	129%
001-000-31120	SALES TAX	3,454,670.14	5,000,000.00	69%
001-000-31126	DWP WTR AGREEMENT PAYMNT	232,799.00	232,799.00	100%
001-000-31128	SALES TX 1/2%-PUBLIC SAF	6,475.85	15,000.00	43%
001-000-31130	TRANSIENT OCCUPANCY TAX	2,328,273.42	3,100,000.00	75%
001-000-31131	TOT PENALTIES	9,044.29	-	0%
001-000-31132	TOT PRIOR YR	211,056.85	200,000.00	106%
001-000-31150	REAL PROPERTY TRANSFER	12,715.48	10,000.00	127%
001-000-32010	BUSINESS LICENSES	66,053.90	62,000.00	107%
001-000-32011	BL PENALTIES	-	-	0%
001-000-32015	SHORT-TERM RENTALS	2,414.60	2,250.00	107%
001-000-32020	SB 1186/ADA	-	-	0%
001-000-32030	PARKING PERMITS	4,900.00	5,000.00	98%
001-000-32035	TENTATIVE MAP PERMITS	-	-	0%
001-000-32040	USE PERMITS	1,620.00	3,000.00	54%
001-000-32041	ENVIRONMENTAL APP FEE	120.00	1,000.00	12%
001-000-32050	BUILDING PERMITS	112,573.71	110,000.00	102%
001-000-32051	PLAN CHECK FEE	2,000.00	500.00	400%
001-000-32080	ELECTRICAL FRANCHISE	48,848.97	32,000.00	153%
001-000-32081	CELL TOWER FRANCHISE	31,500.00	42,000.00	75%
001-000-32090	TV FRANCHISE	4,968.69	10,000.00	50%
001-000-33010	INTEREST ON BANK DEPOSITS	309,084.99	220,000.00	140%
001-000-33020	RENTAL OF REAL PROPERTY	95,771.92	100,000.00	96%
001-000-34010	MOTOR VEHICLE IN LIEU	-	-	0%
001-000-34015	MTR VEH LIC FEE 11005.7	-	-	0%
001-000-34040	REIMB. HIGHWAY SWEEPING	39,749.94	53,000.00	75%
001-000-34041	HWY 6 TRASH	33,750.00	45,000.00	75%
001-000-34045	RSTP	-	-	0%
001-000-34046	DOC/RECYCLING GRANT	-	-	0%
001-000-34047	REIMB FROM BUSD	-	-	0%
001-000-34049	DWP TREE SPONSORSHIP	-	-	0%
001-000-34050	MISC REVENUE CAPITAL REPLACE	31,331.00	31,331.00	100%
001-000-34079	FIRE EMS FUNDING	12,500.00	12,500.00	100%
001-000-34080	REIMB. RFD W/COMP.	-	-	0%
001-000-34081	SALARY REIMB FRM RF DIST	-	-	0%
001-000-34082	MISC REIM FROM RF DIST	-	-	0%
001-000-34083	FIRE INSPECTION FEES	1,337.17	2,000.00	67%
001-000-34094	LOCAL RESPONSE_STANDBY	-	1,000.00	0%

001-000-34095	STRIKE TEAM	95,720.98	82,320.00	116%
001-000-34110	COURT RESTITUTIONS	-	-	0%
001-000-34111	ORDINANCE ENFORCEMENT	-	-	0%
001-000-34116	DOJ-BULLET PRF VEST GRNT	-	-	0%
001-000-34120	PEACE OFFICERS TRAINING	6,648.69	9,500.00	70%
001-000-34121	RAN REIMB	9,768.53	6,000.00	163%
001-000-34122	DVROS-STATE	-	-	0%
001-000-34124	BUDGET ACT 2013/LAW ENF	-	-	0%
001-000-34125	PARKING CITATIONS	6,599.49	6,000.00	110%
001-000-34126	TOW FEE	3,000.00	2,630.00	114%
001-000-34140	DISPATCH CONTRACTS	-	6,000.00	0%
001-000-34141	PD Grants	121,460.95	121,460.95	100%
001-000-34145	4850 PAY REIMB	5,223.61	-	0%
001-000-34160	911 REIM-STATE	-	-	0%
001-000-35020	STRONG MOTION INST. PROG	980.70	500.00	196%
001-000-35060	CBSC/BLDG PERMIT	286.00	200.00	143%
001-000-36010	SALE OF PERSONAL PROP.	756.00	-	0%
001-000-36020	INS. REFUNDS & DIVIDENDS	-	-	0%
001-000-36025	FORFEITURE OF DEPOSITS	-	-	0%
001-000-36020	INS. REFUNDS & DIVIDENDS	-	-	0%
001-000-36030	MISCELLANEOUS	9,686.32	15,000.00	65%
001-000-36031	RETIREE MED COPAY	2,832.00	3,500.00	81%
001-000-36040	FINGERPRINTING & REPORTS	22,047.00	23,500.00	94%
001-000-36041	SUBPOENAS	-	-	0%
001-000-36042	AB109/REALIGNMENT	-	50,000.00	0%
001-000-36070	CIVIC ARTS	-	-	0%
001-000-36074	SUMMER PROGRAM TUITION	27,970.00	40,000.00	70%
001-000-36075	KIND ACTIVITY FEE	-	-	0%
001-000-36076	KIND TUITION	-	-	0%
001-000-36077	ASP ACTIVITY FEE	-	-	0%
001-000-36078	AFTER SCHOOL PROGRAM	82,598.00	92,000.00	90%
001-000-36079	GYMNASTICS CLUB	-	-	0%
001-000-36089	CHILDRENS DAY OF ARTS	-	-	0%
001-000-37010	SPECIAL EVENT INSURANCE	350.00	-	0%
001-000-39240	TENNIS	-	-	0%
001-000-39250	SOFTBALL	12,052.31	16,000.00	75%
001-000-39251	SOCCER	4,375.00	4,375.00	100%
001-000-39255	VOLLEYBALL	2,200.00	-	0%
001-000-39260	BASKETBALL	400.00	-	0%
001-000-39270	AEROBIC,DANCE,ZUMBA	640.00	640.00	100%
001-000-39275	FACILITY RENTAL FEE	1,830.00	2,000.00	92%
001-000-39278	TREE DEDICATION	(90.24)	-	0%
001-000-39280	YOUTH PROGRAM	2,010.00	2,800.00	72%
001-000-39281	GYMNASTICS	23,994.00	21,000.00	114%
001-000-39283	PAGEANT	-	-	0%
001-000-39289	POOL-LIFEGRD RECERT	-	-	0%
001-000-39290	POOL-PUBLIC SWIM	16,095.00	23,500.00	68%
001-000-39291	POOL RENTALS	4,132.00	15,000.00	28%

001-000-39292	POOL-SWIM LESSONS	14,272.00	24,000.00	59%
001-000-39293	POOL-CONCESSIONS	1,380.00	2,400.00	58%
001-000-39294	POOL-WATER FITNESS	3,647.00	7,900.00	46%
001-000-39297	YOUTH ATHLETICS	(25.00)	500.00	-5%
001-000-39710	FINES & FOREFEITURES	296.04	300.00	99%
001-000-39722	TUT MEASURE A	-	-	0%
001-000-39925	CITY COST PLAN	-	-	0%
001-000-39990	OTHER FINANCE SOURCES	-	-	0%
001-000-39995	CITY COST PLAN	-	-	0%
001-000-39999	REVENUE-TRANS IN	500,000.00	500,000.00	100%
001-000-40000	Caltrans Sustainable Grant	-	-	0%
001-000-40001	SB2 Housing & Community	-	-	0%
001-000-40002	PROP 68 Green	32,567.85	100,000.00	33%
001-000-40003	Playground Grant	-	-	0%
001-000-40004	COVID-19 Funding	-	-	0%
001-000-40005	LEAP GRANT	4,984.52	-	0%
001-000-40006	REAP GRANT	-	-	0%
	Total- Revenue	**8,487,906.65**	**11,437,305.95**	**74%**

General Fund-Expenses

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
001-010-_____	City Council	157,578.94	190,551.93	83%
001-011-_____	Administration	666,621.69	903,541.90	74%
001-012-_____	Finance	258,996.46	316,058.07	82%
001-013-_____	Treasurer	1,556.73	1,904.76	82%
001-014-_____	Legal	139,537.31	199,996.89	70%
001-015-_____	Insurance	306,453.50	304,429.50	101%
001-016-_____	Building & Grounds	165,624.23	228,325.73	73%
001-018_____	Elections	1,416.92	1,700.00	83%
001-019-_____	Community Promotion	50,000.00	172,100.00	29%
001-020-_____	Police Department	3,784,204.05	4,576,579.70	83%
001-021-_____	Fire Department	353,379.32	753,629.22	47%
001-022-_____	Building	72,091.41	152,130.00	47%
001-023-_____	Street Maintenance	892,699.84	1,686,813.96	53%
001-031-_____	Parks & Rec	929,819.18	1,384,850.88	67%
001-034-_____	Planning	317,354.79	442,726.44	72%
001-035-_____	After School Program	62,790.25	78,850.00	80%
001-036-_____	After School Outside	-	-	0%
001-037-_____	Pool	108,015.52	178,739.31	60%
001-038-_____	Summer Camps	22,086.76	48,420.00	46%
001-039-_____	Gymnastics Club	-	-	0%
	Total General Fund	**8,290,226.90**	**11,621,348.29**	**71%**

Enterprise Funds

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
	SEWER-REVENUE			
002-000-33010	**INTEREST ON BANK DEPOSITS**	86,562.51	60,000.00	144%
002-000-33020	**RENTAL OF REAL PROPERTY**	-	-	0%
002-000-39017	**SEWER MISCELLANEOUS**	32,438.59	30,000.00	108%
002-000-39020	**SEWER SERVICE COLLECTION**	1,169,038.23	1,330,000.00	88%
002-000-39023	**PENALTIES-SEWER SERVICE**	1,235.85	1,250.00	99%
002-000-39035	**SOLAR REBATES**	2,932.40	2,932.40	100%
002-000-39075	**REIMB FROM ESCSD**	17,319.39	176,050.00	10%
Total:		**1,309,526.97**	**1,600,232.40**	82%
002-051-_____	**Sewer- Expense**	1,035,688.54	1,836,358.46	56%

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
	WATER-REVENUE			
004-000-33010	**INTEREST ON BANK DEPOSITS**	81,579.43	60,000.00	136%
004-000-33020	**RENTAL OF REAL PROPERTY**	-	-	0%
004-000-39012	**WATER SERVICE COLLECTION**	924,184.85	1,111,000.00	83%
004-000-39013	**PENALTIES-WATER SERVICE**	975.96	1,200.00	81%
004-000-39017	**WATER MISCELLANEOUS**	32,212.48	30,000.00	107%
004-000-39019	**BACKFLOW FEE**	-	-	0%
004-000-39035	**SOLAR REBATES**	-	-	0%
Total:		**1,038,952.72**	**1,202,200.00**	86%
004-050-_____	**Water- Expense**	1,107,127.58	1,602,307.09	69%

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
	SMHP-REVENUE			
012-000-33010	**INTEREST ON BANK DEPOSITS**	11,900.29	9,000.00	132%
012-000-39735	**UTILITY CLEARING ACCOUNT**	31,190.00	38,400.00	81%
012-000-39750	**RENTS-ASSISTED UNITS**	5,227.00	6,600.00	79%
012-000-39760	**RENTS-UNASSISTED UNITS**	84,363.00	100,000.00	84%
012-000-39811	**MISC**	(348.18)	-	0%
012-000-39812	**GAIN ON SALE**	-	-	0%
Total:		**132,332.11**	**154,000.00**	86%
012-095-_____	**SMPH- Expense**	151,394.73	172,274.85	88%

Special Funds

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
REVENUE	**COPS**			
033-000-33010	**INTEREST ON BANK DEPOSITS**	5,812.19	-	0%
033-000-39967	**COPS/AB 1913**	51,900.68	100,000.00	52%
Total:		**57,712.87**	**100,000.00**	58%
EXPENSE				
033-033-_____	**COPS- EXPENSE**	83,276.46	149,865.00	56%

4/30/2024	Department	4/30/2024 Actual	Approved Budget	Percent Used
REVENUE	**TRAFFIC**			
003-000-33010	**INTEREST ON BANK DEPOSITS**	-	-	0%
003-000-39100	**SECTION 2105**	17,536.70	22,500.00	78%
003-000-39110	**SECTION 2107-5**	1,000.00	1,000.00	100%
003-000-39120	**SECTION 2107**	23,556.02	30,300.00	78%
003-000-39130	**SECTION 2106**	14,900.50	19,500.00	76%
003-000-39135	**MISC/PROP 42**	26,713.16	34,200.00	78%
003-000-39137	**TRAFFIC CONGESTION RELIEF**	-	-	0%
003-000-39139	**SB1**	72,137.05	84,100.00	86%
Total:		**155,843.43**	**191,600.00**	81%
EXPENSE				
003-030-_____	**GAS TAX**	97,581.15	224,729.74	43%

Report Criteria:
Print Outstanding Checks and Deposits and Bank and Book adjustments

Eastern Sierra Checking (Eastern Sierra Checking) (1)
April 30, 2024

Account: 99900010110
Bank Account Number: 006107370

Bank Statement Balance:	1,856,563.07	Book Balance Previous Month:	1,619,937.09
Outstanding Deposits:	139,522.69	Total Receipts:	1,103,410.72
Outstanding Checks:	276,220.72	Total Disbursements:	1,001,792.08
Bank Adjustments:	1,690.69	Book Adjustments:	.00
Bank Balance:	1,721,555.73	Book Balance:	1,721,555.73
		Proof (Bank balance less book balance):	.00

Outstanding Deposits Section

Deposit Number	Deposit Amount	Deposit Number	Deposit Amount	Deposit Number	Deposit Amount	Deposit Number	Deposit Amount
19	280.00	1034	128.00-	1057	101.00	1108	88.29-
1110	565.46	1132	1,472.00-	1137	370.00-	1145	359.00
1159	64.00-	1213	185.00-	1223	6,656.80	1234	558.40
1241	146.25	1242	359.00	1249	129,694.07	1250	435.00
1251	298.00	1256	2,400.00				
Grand Totals:							139,545.69

Deposits cleared: 89 items Deposits Outstanding: 18 items

Outstanding Checks Section

Check Number	Check Amount	Check Number	Check Amount	Check Number	Check Amount	Check Number	Check Amount
1092	19.83	1639	38.00	1644	38.00	2443	165.48
3849	74.99	4696	1,623.97	4738	250.29	4877	6,920.00
5119	457.64	5546	119.89	6366	313.36	6412	100.00
6693	48.03	6777	164.50	6810	442.73	6948	668.91
7108	4,602.50	7258	144.96	7412	18.58	7420	18.58
7859	1,076.50	8324	66.50	8752	110.82	9412	203.50
9861	.11	9941	46.25	10093	202.73	10361	60.88
10407	1,712.54	10416	377.25	10451	400.00	10491	342.16
10537	1,440.00	10539	55.50	10540	5,816.15	10547	384.56
10573	46.17	10577	46.17	10581	342.16	10590	80.76
10638	8,054.22	10640	382.38	10642	635.29	10658	233.51
10661	46.17	10667	692.52	10670	271.97	10674	140.38
10679	62.79	10686	346.91	10689	1,007.74	10690	62.65
10693	915.00	10697	16.30	10700	30.00	10701	340.84
10705	360.00	10707	80.76	10708	2,090.41	10709	1,500.00
10710	369.23	10711	55.50	10712	5,871.24	10713	361.05
10714	1,894.20	10715	57,436.23	10716	14,640.57	10717	1,219.76
10718	559.16	10719	7,041.83	10720	1,377.19	10721	3,408.55
10722	29.64	10723	695.53	10725	75,150.00	10726	5,680.78
10727	180.00	10728	324.00	10729	811.70	10731	20.00
10732	1,204.41	10734	59.44	10735	175.00	10736	515.31
10737	69.13	10738	588.08	10739	1,018.16	10740	10,482.00
10741	17.20	10742	292.46	10743	2,435.00	75403	8.00
41924202	2,639.54	41924204	31,411.29	41924205	1,868.75		

Grand Totals:	276,220.72

Checks cleared: 215 items Checks Oustanding: 95 items

Bank Adjustments Section

Description	Amount	Description	Amount
J Scida Wages Incorrectly Paid and Owed	1,690.71	Carrying Prior Month Bank Adjustment	.02-
Grand Totals:			1,690.69

Book Adjustments Section

CITY OF BISHOP
COMBINED CASH
APRIL 30, 2024

COMBINED CASH ACCOUNTS

999-000-10110	CASH IN BANK	1,716,958.25
999-000-10111	LAIF INVESTMENT	18,853,331.19
999-000-10112	CASH EASTERN SIERRA BANK	.00
999-000-10113	CASH IN COUNTY TREASURY	.00
999-000-10115	CASH IN BANK XPRESS BILLPAY	59,077.00
999-000-10175	CASH CLEARING UTILITIES	17,811.91
999-000-10176	BUSINESS CASH CLEARING	446.10
	TOTAL COMBINED CASH	20,647,624.45
999-000-10100	CASH ALLOCATED TO FUNDS	(20,647,624.45)
	TOTAL UNALLOCATED CASH	.00

CASH ALLOCATION RECONCILIATION

1	ALLOCATION TO GENERAL FUND	10,501,205.48
2	ALLOCATION TO SEWER FUND	2,640,191.30
3	ALLOCATION TO GAS TAX	418,708.29
4	ALLOCATION TO WATER FUND	2,356,073.23
5	ALLOCATION TO RFPD	1,114,854.10
6	ALLOCATION TO IMBC FIDUCIARY	.00
7	ALLOCATION TO LOCAL TRANSPORTATION FUND	89,758.82
8	ALLOCATION TO BOND AND TRUST FUND	93,296.19
9	ALLOCATION TO TRAFFIC SAFETY	8,141.29
10	ALLOCATION TO TUT MEASURE A	1,124,712.76
11	ALLOCATION TO ASSET FORFEITURE	5,300.63
12	ALLOCATION TO SUNRISE MHP	374,837.70
13	ALLOCATION TO GENERAL FIXED ASSETS	.00
15	ALLOCATION TO WATER IMPROVEMENT	.00
18	ALLOCATION TO FUND 018	.00
19	ALLOCATION TO STREETS-SIDEWALK IMPROVEMENT	750,000.00
21	ALLOCATION TO CANINE DONATION	8,012.54
22	ALLOCATION TO HEAVY EQUIPMENT REPLACEMENT	300,000.00
23	ALLOCATION TO PROPERTY/HOUSING DEVELOPMENT	118,501.25
24	ALLOCATION TO BAWA	.00
25	ALLOCATION TO WAYFINDING & SIGNAGE PROJECT	.00
29	ALLOCATION TO FUND 029	.00
33	ALLOCATION TO C.O.P.S.	179,138.76
37	ALLOCATION TO HOME FUNDS/WILLOW ST	100,302.76
54	ALLOCATION TO STIP E. LINE ST. BRIDGE REPL.	318,367.87
55	ALLOCATION TO S WARREN ST. IMPROVEMENT	.00
57	ALLOCATION TO SEIBU TO SCHL BIKE PATH	.00
58	ALLOCATION TO PINE TO PARK/STIP	.00
59	ALLOCATION TO WEST JAY STREET	.00
60	ALLOCATION TO STIP-SPRUCE/YANEY/HANBY	.00
61	ALLOCATION TO E. LINE ST. IMPROVEMENTS	.00
62	ALLOCATION TO PLAYGROUND EQUIPMENT PROJECT	.00
70	ALLOCATION TO HOME OWNER ASSIST PRGM	128,100.00
71	ALLOCATION TO SILVER PEAK/IMACA	.00
72	ALLOCATION TO VALLEY APTS/13 CDBG 8972	18,121.48

CITY OF BISHOP
COMBINED CASH
APRIL 30, 2024

TOTAL ALLOCATIONS TO OTHER FUNDS	20,647,624.45
ALLOCATION FROM COMBINED CASH FUND - 999-000-10100	(20,647,624.45)
ZERO PROOF IF ALLOCATIONS BALANCE	.00

INVESTMENT PORTFOLIO FOR THE CITY OF BISHOP

MONTH OF APRIL 2024

STATEMENT PERIOD	ACCT TYPE	BALANCE	AVERAGE MONTHLY YIELD
APRIL 2024	LAIF	$18,853,331.13	4.272%

PMIA/LAIF Performance Report
as of 5/8/24

Quarterly Performance
Quarter Ended 03/31/24

LAIF Apportionment Rate[2]:	4.30
LAIF Earnings Ratio[2]:	0.00011755619077389
LAIF Administrative Cost[1]*:	0.27
LAIF Fair Value Factor[1]:	0.994191267
PMIA Daily[1]:	4.22
PMIA Quarter to Date[1]:	4.12
PMIA Average Life[1]:	226

PMIA Average Monthly Effective Yields[1]

April	**4.272**
March	4.232
February	4.122
January	4.012
December	3.929
November	3.843

Pooled Money Investment Account
Monthly Portfolio Composition [1]
3/31/24
$156.5 billion

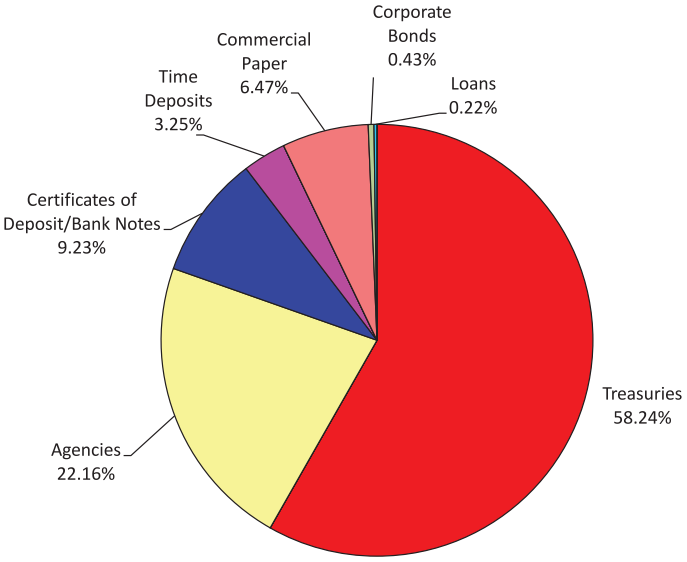

Chart does not include $2,005,000.00 in mortgages, which equates to 0.001%. Percentages may not total 100% due to rounding.

Daily rates are now available here. **View PMIA Daily Rates**

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1) and interest earned on the Wildfire Fund loan pursuant to Public Utility Code 3288 (a).

**The percentage of administrative cost equals the total administrative cost divided by the quarterly interest earnings. The law provides that administrative costs are not to exceed 5% of quarterly EARNINGS of the fund. However, if the 13-week Daily Treasury Bill Rate on the last day of the fiscal year is below 1%, then administrative costs shall not exceed 8% of quarterly EARNINGS of the fund for the subsequent fiscal year.*

Source:
[1] State of California, Office of the Treasurer
[2] State of Calfiornia, Office of the Controller

California State Treasurer
Fiona Ma, CPA

Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

May 15, 2024

LAIF Home
PMIA Average Monthly Yields

CITY OF BISHOP

CITY ADMINISTRATOR
P.O. BOX 1236
BISHOP, CA 93514

Tran Type Definitions

Account Number: 98-14-086

April 2024 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
4/15/2024	4/12/2024	QRD	1751757	N/A	SYSTEM	193,906.84

Account Summary

Total Deposit:	193,906.84	Beginning Balance:	18,659,424.29
Total Withdrawal:	0.00	Ending Balance:	18,853,331.13

CALIFORNIA STATE TREASURER
FIONA MA, CPA

PMIA Daily Effective Yield

Date	Daily	Quarter to Date	Average Maturity
05/08/24	4.31	4.28	226
05/07/24	4.31	4.28	226
05/06/24	4.30	4.28	227
05/05/24	4.30	4.28	231
05/04/24	4.30	4.28	231
05/03/24	4.30	4.27	231
05/02/24	4.29	4.27	232
05/01/24	4.30	4.27	230
04/30/24	4.32	4.27	227
04/29/24	4.30	4.27	227
04/28/24	4.30	4.27	230
04/27/24	4.30	4.27	230
04/26/24	4.30	4.27	230
04/25/24	4.31	4.27	226
04/24/24	4.31	4.26	226
04/23/24	4.31	4.26	224
04/22/24	4.31	4.26	225
04/21/24	4.31	4.26	227
04/20/24	4.31	4.25	227
04/19/24	4.31	4.25	227
04/18/24	4.31	4.25	229
04/17/24	4.30	4.24	226
04/16/24	4.28	4.24	225
04/15/24	4.27	4.24	225
04/14/24	4.25	4.23	229
04/13/24	4.25	4.23	229
04/12/24	4.25	4.23	229
04/11/24	4.24	4.23	227
04/10/24	4.23	4.23	227
04/09/24	4.23	4.23	229
04/08/24	4.24	4.23	223
04/07/24	4.23	4.23	226
04/06/24	4.23	4.22	226
04/05/24	4.23	4.22	226
04/04/24	4.23	4.21	226
04/03/24	4.21	4.20	227
04/02/24	4.19	4.20	230

*Daily yield does not reflect capital gains or losses

Updated: 5/8/20

CALIFORNIA STATE TREASURER
FIONA MA, CPA

PMIA Daily Effective Yield

Date	Daily	Quarter to Date	Average Maturity
04/01/24	4.22	4.22	225

*Daily yield does not reflect capital gains or losses

Updated: 5/8/20

TO: City Council/City Administrator
FROM: Finance Director
DATE: May 15, 2024
SUBJECT: Approval of Warrant Registers for the Month of April 2024

Commercial Warrants Check #10570-10743	$439,968.32
Manual Checks & Payroll Warrants	$561,800.76
TOTAL:	$1,001,769.08

Journal	Payee or Description	Date	Check Number	Amount
CD	CALPERS RETIREE MEDICAL & ADJ - MARCH BILL FOR APRIL PREM.	04/18/2024	1	54,887.46
CD	CALPERS RETIREMENT EPMC & ADJ - 2/19 TO 3/3/24	04/18/2024	2	1,045.80
CD	CALPERS RETIREMENT - LATE FEE	04/18/2024	3	200.00
CD	STATE TAXES - LATE FEE	04/18/2024	4	888.21
CD	CALPERS RETIREMENT EPMC & ADJ - 3/4 TO 3/17/24	04/18/2024	5	1,023.70
CD	Dishion B of A Credit Card payment April 2024	04/24/2024	6	729.24
CD	Picken B of A Credit Card payment April 2024	04/24/2024	7	1,514.89
CD	Derr B of A Credit Card payment April 2024	04/24/2024	8	10,662.49
CD	Russell B of A Credit card payment April 2024	04/24/2024	9	1,699.46
CD	Gamino B of A Credit Card payment April 2024	04/24/2024	10	958.82
CD	Paymentech Fee	04/30/2024	11	460.96
CD	Paymentech Fee	04/30/2024	12	466.69
CD	Xpress Bill Pay Fee	04/30/2024	13	485.36
CD	Bamboo HR April 2024	04/30/2024	15	1,389.50
CD	Imperial Electric Chargeback 4/22/24	04/30/2024	16	104.00
CD	CALPERS RETIREMENT EPMC & ADJ - 3/18/24 to 3/31/24	04/30/2024	17	1,067.40
CD	CALPERS RETIREE MEDICAL & ADJ - APRIL BILL, MAY PREMIUM	04/30/2024	18	53,921.50
CD	Clearing of Fraudulent Check #10553	04/30/2024	19	2,600.00
CD	Poole B of A Credit card payment April 2024	04/30/2024	20	2,233.81
CD	McElroy B of A Credit card payment April 2024	04/30/2024	21	2,476.96
CDP	ELLIS, JAMES V.	04/05/2024	10570	234.43
CDP	JACKSON, AVIS L.	04/05/2024	10571	162.54
CDP	HOHENSTEIN, BRIAN A.	04/05/2024	10572	2,710.23
CDP	WEATHERFORD, JOHN	04/05/2024	10573	46.17
CDP	UNDERHILL, CHERYL L.	04/05/2024	10574	46.17
CDP	DONDERO, WILLIS	04/05/2024	10575	1,195.56
CDP	SANTANA, FRANCISCO	04/05/2024	10576	1,073.98
CDP	MANUELITO, LISA	04/05/2024	10577	46.17
CDP	GRISHAM, AMANDA R	04/05/2024	10578	1,727.41
CDP	NAVALES, RYAN	04/05/2024	10579	338.36
CDP	JACKSON, THOMAS E.	04/05/2024	10580	645.93
CDP	MADERA, JOCELYN	04/05/2024	10581	342.16
CDP	TURMAN, MYLEE	04/05/2024	10582	70.65
CDP	ENNIS, JERRY	04/05/2024	10583	912.41
CDP	ENNIS, KAREN	04/05/2024	10584	796.00
CDP	RUSSELL, BRET	04/05/2024	10585	3,643.99
CDP	MONDRAGON, DONOVAN	04/05/2024	10586	54.95
CDP	GIDNEY, MARLEY	04/05/2024	10587	47.10
CDP	GUSE, COLE	04/05/2024	10588	47.10
CDP	RAGER, ARIANA	04/05/2024	10589	62.79
CDPT	AMERICAN FIDELITY	04/05/2024	10590	80.76
CDPT	CALIFORNIA STATE DISBURSEMENT UNIT	04/05/2024	10591	369.23
CDPT	US BANK TRUST WESTERN REGION	04/05/2024	10592	1,013.06
CDA	ALPINE PAINT OF BISHOP	04/03/2024	10593	426.13
CDA	BOYD FENCE	04/03/2024	10594	582.97
CDA	BROWN'S SUPPLY	04/03/2024	10595	123.65
CDA	CALIFORNIA BUILDING STANDARDS COMMISSION	04/03/2024	10596	66.60
CDA	CARMICHAEL BUSINESS TECH.	04/03/2024	10597	1,367.35
CDA	Danny's Electric	04/15/2024	10598	.00
CDA	DEPT OF CONSERVATION-DIV	04/03/2024	10599	236.96
CDA	DEPT OF WATER AND POWER	04/03/2024	10600	1,921.17
CDA	DEPT OF WATER AND POWER	04/03/2024	10601	61,485.03
CDA	DESTON DISHION	04/03/2024	10602	150.00
CDA	FRONTIER	04/03/2024	10603	642.40
CDA	Hanigan Printing and Promotional Product	04/03/2024	10604	1,147.39
CDA	HIGH COUNTRY LUMBER	04/03/2024	10605	868.11
CDA	HUNT PROPANE, INC.	04/03/2024	10606	307.88
CDA	Inland Supply Co. Inc	04/03/2024	10607	360.99

Journal	Payee or Description	Date	Check Number	Amount
CDA	INYO COUNTY BUILDING & SAFETY	04/03/2024	10608	18,750.00
CDA	INYO COUNTY RECYCLING & WASTE MANAGEMENT	04/03/2024	10609	502.75
CDA	INYO REGISTER	04/03/2024	10610	62.65
CDA	MANOR TRUE VALUE HARDWARE	04/03/2024	10611	31.02
CDA	NORTHERN INYO HEALTHCARE DISTRICT	04/03/2024	10612	221.00
CDA	PARS PHASE II SYSTEMS	04/03/2024	10613	1,507.29
CDA	PILOT THOMAS LOGISTICS	04/03/2024	10614	1,636.59
CDA	PREFERRED SEPTIC	04/03/2024	10615	3,207.01
CDA	QUILL CORP	04/03/2024	10616	397.87
CDA	RIGHT WAY POOL & SPA	04/03/2024	10617	1,859.46
CDA	Rojas Communications Group	04/03/2024	10618	4,000.00
CDA	SOUTHERN CALIFORNIA EDISON	04/03/2024	10619	881.45
CDA	STATE WATER RESOURCES	04/03/2024	10620	170.00
CDA	STEVE'S AUTO & TRUCK PART	04/03/2024	10621	419.74
CDA	UNDERGROUND SERVICE ALERT	04/03/2024	10622	31.00
CDA	Valley Health Team, Inc	04/03/2024	10623	490.00
CDA	VERIZON WIRELESS	04/03/2024	10624	292.50
CDA	WESTERN NEVADA SUPPLY CO.	04/03/2024	10625	597.02
CDA	Anastasiia Budnyk	04/18/2024	10626	.00
CDA	ARBA	04/12/2024	10627	575.75
CDA	Asbury Environmental Services	04/12/2024	10628	100.00
CDA	BRIAN HOHENSTEIN	04/12/2024	10629	164.03
CDA	BSK Associates	04/12/2024	10630	346.38
CDA	CA DEPARTMENT OF TAX & FEE ADMIN.	04/12/2024	10631	305.00
CDA	CARMICHAEL BUSINESS TECH.	04/12/2024	10632	4,371.00
CDA	CARPET FOR YOUR HOME	04/12/2024	10633	7,104.72
CDA	CASELLE, INC.	04/12/2024	10634	1,971.00
CDA	CASEY STEWART	04/12/2024	10635	115.00
CDA	DEPT OF WATER AND POWER	04/12/2024	10636	1,636.04
CDA	EASTERN SIERRA ENGINEERING, PC	04/12/2024	10637	8,505.00
CDA	ENTERPRISE	04/12/2024	10638	8,054.22
CDA	HUNT PROPANE, INC.	04/12/2024	10639	3,729.16
CDA	INYO COUNTY INFORMATION SERVICES	04/12/2024	10640	382.38
CDA	JIM REYNOLDS	04/12/2024	10641	50.00
CDA	JOSE GARCIA	04/12/2024	10642	635.29
CDA	LINDE GAS & EQUIPMENT INC.	04/12/2024	10643	38.59
CDA	MISSION LINEN & UNIFORM	04/12/2024	10644	288.28
CDA	MR. K. AUTOMOTIVE SERVICE INC.	04/12/2024	10645	120.55
CDA	MSA-DENTAL POOL	04/15/2024	10646	.00
CDA	OWENS VALLEY PEST	04/12/2024	10647	50.00
CDA	PILOT THOMAS LOGISTICS	04/12/2024	10648	2,437.06
CDA	QUADIENT LEASING USA, INC.	04/12/2024	10649	434.78
CDA	QUILL CORP	04/12/2024	10650	151.78
CDA	SOUTHERN CALIFORNIA EDISON	04/12/2024	10651	1,894.52
CDA	THE EMBLEM AUTHORITY	04/12/2024	10652	760.00
CDA	THE FED-UP STORE	04/12/2024	10653	511.72
CDA	VISION SERVICE PLAN	04/12/2024	10654	25.68
CDA	WESTERN NEVADA SUPPLY CO.	04/12/2024	10655	1,773.66
CDA	Danny's Electric	04/15/2024	10656	420.00
CDA	OWENS VALLEY PEST	04/15/2024	10657	1,000.00
CDA	MSA-DENTAL POOL	04/15/2024	10658	233.51
CDP	ELLIS, JAMES V.	04/19/2024	10659	234.43
CDP	JACKSON, AVIS L.	04/19/2024	10660	332.46
CDP	LOWTHORP, ROBERT B.	04/19/2024	10661	46.17
CDP	BHAKTA, HARIVANDEN E.	04/19/2024	10662	46.17
CDP	SANTANA, FRANCISCO	04/19/2024	10663	1,052.82
CDP	FOREHAND, JASON A	04/19/2024	10664	692.52
CDP	GRISHAM, AMANDA R	04/19/2024	10665	720.71

Journal	Payee or Description	Date	Check Number	Amount
CDP	GRISHAM, AMANDA R	04/19/2024	10666	1,727.42
CDP	REYNOLDS, JIM	04/19/2024	10667	692.52
CDP	ROBINSON, TOBY R.	04/19/2024	10668	692.52
CDP	JACKSON, THOMAS E.	04/19/2024	10669	645.93
CDP	MADERA, JOCELYN	04/19/2024	10670	271.97
CDP	TURMAN, MYLEE	04/19/2024	10671	98.12
CDP	ENNIS, JERRY	04/19/2024	10672	903.64
CDP	ENNIS, KAREN	04/19/2024	10673	789.30
CDP	DERR, LEVI	04/19/2024	10674	140.38
CDP	RUSSELL, BRET	04/19/2024	10675	3,643.99
CDP	MONDRAGON, DONOVAN	04/19/2024	10676	153.07
CDP	GIDNEY, MARLEY	04/19/2024	10677	98.12
CDP	GUSE, COLE	04/19/2024	10678	133.44
CDP	RAGER, ARIANA	04/19/2024	10679	62.79
CDP	BURCH, JENNIFER E.	04/19/2024	10680	232.13
CDA	711 MATERIALS, INC	04/18/2024	10681	375.35
CDA	Anastasiia Budnyk	04/18/2024	10682	509.89
CDA	BISHOP PAIUTE TRIBAL	04/18/2024	10683	24.00
CDA	CALIFORNIA BROADBAND	04/18/2024	10684	168.00
CDA	CANON FINANCIAL SERVICES	04/18/2024	10685	1,351.56
CDA	COMMUNITY PRINTING	04/18/2024	10686	346.91
CDA	DEPT OF JUSTICE	04/18/2024	10687	1,055.00
CDA	FRONTIER	04/18/2024	10688	43.23
CDA	INYO COUNTY INFORMATION SERVICES	04/18/2024	10689	1,007.74
CDA	INYO REGISTER	04/18/2024	10690	62.65
CDA	Jones Mayer	04/18/2024	10691	22,025.75
CDA	LIEBERT CASSIDY WHITMORE	04/18/2024	10692	304.50
CDA	LUMOS AND ASSOCIATES, INC.	04/18/2024	10693	915.00
CDA	OPTIMUM	04/18/2024	10694	1,149.57
CDA	PARS PHASE II SYSTEMS	04/18/2024	10695	1,507.29
CDA	PILOT THOMAS LOGISTICS	04/18/2024	10696	398.00
CDA	Pilot Thomas Logistics LLC	04/18/2024	10697	16.30
CDA	PTS	04/18/2024	10698	85.00
CDA	RIGHT WAY POOL & SPA	04/18/2024	10699	422.56
CDA	Rotary Club of Bishop Sunrise	04/18/2024	10700	30.00
CDA	Steve Lindemann	04/18/2024	10701	340.84
CDA	STEVEN ENTERPRISES, INC	04/18/2024	10702	84.30
CDA	VERIZON BUSINESS	04/18/2024	10703	62.71
CDA	WESTERN NEVADA SUPPLY CO.	04/18/2024	10704	108.85
CDA	White Mountan Medical Training	04/18/2024	10705	360.00
CDA	Wood Rodgers Inc	04/18/2024	10706	26,890.00
CDPT	AMERICAN FIDELITY	04/19/2024	10707	80.76
CDPT	AMERICAN FIDELITY	04/19/2024	10708	2,090.41
CDPT	BPOA	04/19/2024	10709	1,500.00
CDPT	CALIFORNIA STATE DISBURSEMENT UNIT	04/19/2024	10710	369.23
CDPT	COBEA	04/19/2024	10711	55.50
CDPT	MSA-DENTAL POOL	04/19/2024	10712	5,871.24
CDPT	TEXAS LIFE INSURANCE COMPANY	04/19/2024	10713	361.05
CDPT	THE HARTFORD	04/19/2024	10714	1,894.20
CDPT	U.S Bank PARS Account #: 6746050100	04/19/2024	10715	57,436.23
CDPT	US BANK TRUST WESTERN REGION	04/19/2024	10716	14,640.57
CDPT	US BANK TRUST WESTERN REGION	04/19/2024	10717	1,219.76
CDPT	VISION SERVICE PLAN	04/19/2024	10718	559.16
CDA	ATKINSON, ANDELSON, LOYA, RUUD AND ROMO	04/25/2024	10719	7,041.83
CDA	BISHOP UNIFIED SCHOOL	04/25/2024	10720	1,377.19
CDA	Bishop Waste Disposal	04/25/2024	10721	3,408.55
CDA	BROWN'S SUPPLY	04/25/2024	10722	29.64
CDA	BSN SPORTS INC.	04/25/2024	10723	695.53

Journal	Payee or Description	Date	Check Number	Amount
CDA	CALIFORNIA BROADBAND	04/25/2024	10724	344.95
CDA	CONTROLPOINT ENGINEERING	04/25/2024	10725	75,150.00
CDA	DEPT OF WATER AND POWER	04/25/2024	10726	5,680.78
CDA	EDDY'S AUTO UPHOLSTERY	04/25/2024	10727	180.00
CDA	EMPLOYMENT DEVELOPMENT	04/25/2024	10728	324.00
CDA	FRONTIER	04/25/2024	10729	811.70
CDA	INYO COUNTY ENVIRONMENTAL	04/25/2024	10730	118.00
CDA	INYO COUNTY RECORDER	04/25/2024	10731	20.00
CDA	JOSE GARCIA	04/25/2024	10732	1,204.41
CDA	KIBS-FM	04/25/2024	10733	200.00
CDA	MISSION LINEN & UNIFORM	04/25/2024	10734	59.44
CDA	MORALES ROOTER	04/25/2024	10735	175.00
CDA	QUADIENT LEASING USA, INC.	04/25/2024	10736	515.31
CDA	QUILL CORP	04/25/2024	10737	69.13
CDA	RIGHT WAY POOL & SPA	04/25/2024	10738	588.08
CDA	SOUTHERN CALIFORNIA EDISON	04/25/2024	10739	1,018.16
CDA	STANTEC CONSULTING SERV.	04/25/2024	10740	10,482.00
CDA	THE FED-UP STORE	04/25/2024	10741	17.20
CDA	VERIZON WIRELESS	04/25/2024	10742	292.46
CDA	Willdan Engineering	04/25/2024	10743	2,435.00
CDP	DIRECT DEPOSIT TOTAL	04/05/2024	92201	104,782.94
CDP	DIRECT DEPOSIT TOTAL	04/19/2024	92202	108,813.08
CDPT	EMPLOYMENT DEV. DEPT.	04/05/2024	40524200	5,612.00
CDPT	GREAT-WEST LIFE & ANNUITY	04/05/2024	40524201	2,639.54
CDPT	IRS	04/05/2024	40524202	18,170.70
CDPT	PERS	04/05/2024	40524203	31,093.85
CDPT	PERS DEFERRED COMP	04/05/2024	40524204	1,868.75
CDPT	CALPERS MEDICAL	04/19/2024	41924200	89,492.70
CDPT	EMPLOYMENT DEV. DEPT.	04/19/2024	41924201	5,773.00
CDPT	GREAT-WEST LIFE & ANNUITY	04/19/2024	41924202	2,639.54
CDPT	IRS	04/19/2024	41924203	18,818.37
CDPT	PERS	04/19/2024	41924204	31,411.29
CDPT	PERS DEFERRED COMP	04/19/2024	41924205	1,868.75
	Grand Totals:			1,001,769.08

Agenda Item: 9.F
Date of Meeting: May 28, 2024
Department: Public Works

STAFF REPORT

To:	City Council
From:	Nora Gamino
Subject:	**A Resolution to Adopt a List of Projects for Fiscal Year 2024-25 Funded by SB 1: The Road Maintenance and Accountability Act**
Prepared On:	May 20, 2024
Attachments:	Resolution2024-XX

Background/History:
Senate Bill 1 (SB 1), also known as the Road Repair and Accountability Act of 2017, was intended to address the significant multi-modal transportation funding shortfalls statewide. SB 1 funds come from the Road Maintenance and Rehabilitation Account (RMRA).
The City of Bishop is expected to receive approximately $99,094 (RMRA portion) of SB 1 funding in the 2024-2025 fiscal year up from about $92,702 this fiscal year. This SB 1 funding is in addition to the approximately $111,949 (Highway Users Tax Account) the City anticipates receiving in other gas tax funding.

SB 1 includes accountability and transparency provisions intended to ensure the funds collected under SB 1 for road work are used for that purpose. One provision is that to receive SB 1 funds, the City must transmit a list of projects it intends to fund with SB 1 funds each fiscal year to the California Transportation Commission (CTC). The deadline to submit a list of projects for the 2024-2025 fiscal year is July 1, 2024.

The three projects that are proposed for SB 1 funding are the same projects from the previous year and will be relisted. There are no new projects proposed. A list of the proposed projects eligible for SB 1 funding is included in the attached draft resolution.

Analysis/Discussion:
The attached resolution has been prepared based on the CTC's resolution template. The resolution includes a list with the proposed project and other project information required by the state.

Economic Impacts:
None.

Budget Impacts:

SB 1 funding and the proposed projects will be incorporated in the 2024-2025 fiscal year budget to the extent possible.

Legal Review:
City Attorney Pucci has reviewed this item and finds that the recommended action complies with the law.

Recommended Action:
City Council consideration to approve the Resolution adopting the list of projects funded by SB 1: The Road Repair and Accountability Act for fiscal year 2024-2025.

Approved By: Deston Dishion 5/23/2024
Approved By:
Approved By:
Approved By:

RESOLUTION 2024-XX

RESOLUTION TO ADOPT A LIST OF PROJECTS FOR FISCAL YEAR 2024-25 FUNDED BY SB 1: THE ROAD MAINTENANCE AND ACCOUNTABILITY ACT

WHEREAS, Senate Bill 1 (SB 1), the Road Repair and Accountability Act of 2017 (Chapter 5, Statutes of 2017) was passed by the Legislature and Signed into law by the Governor in April 2017 to address the significant multi-modal transportation funding shortfalls statewide; and

WHEREAS, SB 1 includes accountability and transparency provisions that will ensure the residents of our City are aware of the projects proposed for funding in our community and which projects have been completed each fiscal year; and

WHEREAS, the City must adopt by resolution a list of projects proposed to receive fiscal year funding from the Road Maintenance and Rehabilitation Account (RMRA), created by SB 1, which must include a description and the location of each proposed project, a proposed schedule for the project's completion, and the estimated useful life of the improvement; and

WHEREAS, the City, will receive an estimated $99,094 in RMRA funding in Fiscal Year 2024-25 from SB 1; and

WHEREAS, this is the 8th year in which the City is receiving SB 1 funding and will enable the City to continue essential road maintenance and rehabilitation projects, safety improvements, repairing and replacing aging bridges, and increasing access and mobility options for the traveling public that would not have otherwise been possible without SB 1; and

WHEREAS, the City has undergone a robust public process to ensure public input into our community's transportation priorities/the project list; and

WHEREAS, the City used a Pavement Management System to develop the SB 1 project list to ensure revenues are being used on the most high-priority and cost-effective projects that also meet the communities priorities for transportation investment; and

WHEREAS, the funding from SB 1 will help the City maintain, rehabilitate, and improve street pavement, sidewalks, paths, and other active transportation infrastructure throughout the City this year and into the future; and

WHEREAS, the 2021 California Statewide Local Streets and Roads Needs Assessment found that the City streets and roads are in an "at-risk" condition and this revenue will help us increase the overall quality of our road system and over the next decade will bring our streets and roads into a "good" condition; and

WHEREAS, modernizing the local street and road system provides well-paying construction jobs and boosts local economies; and

WHEREAS, the local street and road system is also critical for farm to market needs, interconnectivity, multimodal needs, and commerce; and

WHEREAS, police, fire, and emergency medical services all need safe reliable roads to react quickly to emergency calls and a few minutes of delay can be a matter of life and death; and

WHEREAS, maintaining and preserving the local street and road system in good condition will reduce drive times and traffic congestion, improve bicycle safety, and make the pedestrian experience safer and more appealing; and

WHEREAS, restoring roads before they fail also reduces construction time which results in less air pollution from heavy equipment and less water pollution from site run-off; and

WHEREAS, the SB 1 project list and overall investment in our local streets and roads infrastructure with a focus on basic maintenance and safety, investing in complete streets infrastructure, and using cutting-edge technology, materials and practices, will have significant positive co-benefits statewide.

NOW, THEREFORE IT IS HEREBY RESOLVED, ORDERED AND FOUND by the City Council of the City of Bishop, State of California, as follows:

1. The foregoing recitals are true and correct.

2. The following list of newly proposed projects will be funded in-part or solely with Fiscal Year 2024-25 Road Maintenance and Rehabilitation Account revenues:

   No new projects listed.

3. The following previously proposed and adopted projects may also utilize Fiscal Year 2024-25 Road Maintenance and Rehabilitation Account revenues in their delivery. With the relisting of these projects in the adopted fiscal year resolution, the City is reaffirming to the public and the State our intent to fund these projects with Road Maintenance and Rehabilitation Account revenues:

Project Title: Fiber Seal of Various City Streets

Project Description: Place fiber seal and restripe various City streets that are in poor condition. This project will include placement of fiber seal and striping.

Project Location: Various locations throughout the City, including, but not limited to North and South Third Street, May Street, and Willow Street

Estimated Project Schedule: Start (07/23) – Completion (06/26) based on the component being funded with RMRA funds

Estimated Project Useful Life: 10 years

Project Title: Sidewalk Safety

Project Description: Remove and replace damaged and/or substandard sidewalks. This project will include procurement of road maintenance and rehab materials.

Project Location: Various locations throughout the City.

Estimated Project Schedule: Start (07/22) – Completion (06/26) based on the component being funded with RMRA funds

Estimated Project Useful Life: 50 years

Project Title: City of Bishop Downtown Streets and Sidewalk Improvements

Project Description: Design, environmental compliance, and construction of the South Warren Street Improvement Project which will replace the full width 40-foot pavement section and improve roadway grade and drainage by construction or repair of curb and gutter, cross gutters, and intersection improvements at Lagoon and West South Streets.

Project Location: South Warren Street, Lagoon Street, West South Street

Estimated Project Schedule: Start (09/22) – Completion (06/26) based on the component being funded with RMRA funds

Estimated Project Useful Life: 50 years

PASSED, APPROVED AND ADOPTED this ___ day of _____, 2024.

_____
Jose Garcia, Mayor

ATTEST:

By: _____
Robin Picken, City Clerk

Agenda Item: 9.G
Date of Meeting: May 28, 2024
Department: Planning

STAFF REPORT

To:	City Council
From:	Ana Budnyk
Subject:	**Approval of Professional Services Agreements for As-Needed, On-Call Environmental Consulting Services**
Prepared On:	May 22, 2024
Attachments:	PSA_HELIX_Environmental_Planning_Inc. PSA_Panorama Environmental Inc PSA_TEAM Environmental Inc

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Background/History:
The Planning Department needs to acquire environmental consulting services for various projects due to our limited capacity to perform this type of work in-house. These projects may include the preparation and review of documents required under the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) for activities within the City of Bishop limits. For each project requiring these services, the City will issue a Task Order to one or more firms under an On-Call Agreement and request a proposal for the services to be rendered.

Analysis/Discussion:

The scope and types of services included in the On-Call Agreements were included in the Request for Qualifications (RFQ) which was issued on February 12, 2024, until March 12, 2024. Twelve (12) firms provided a Statement of Qualifications for consideration. Five firms were invited for interviews to gain a better understanding of their qualifications. Based on the firms' qualifications and experience, in combination with the anticipated number and type of projects the City will contract for over the next 3-5 years, three (3) firms were offered to participate.

Economic Impacts:
There will be no significant economic impact.

Budget Impacts:
There is no budget impact. Compensation for the as-needed, on-call, agreements shall be handled through task orders and will be financed through project-specific funding sources. There is no expectation or guarantee of a total contract amount.

Legal Review:

City Attorney Pucci has reviewed this item and finds that the recommended action complies with the law.

Recommended Action:
Council consideration to approve three (3) AS-Needed, On-Call Environmental Consulting Services Agreements with the following firms:

- HELIX Environmental Planning
- Panorama Environmental
- TEAM Environmental

Approved By: Dean J. Pucci 5/16/24
Approved By: Deston Dishion 5/22/2024
Approved By:
Approved By:

CITY OF BISHOP
DESIGN PROFESSIONAL SERVICE AGREEMENT FOR
AS NEEDED, ON-CALL ENVIRONMENTAL CONSULTING SERVICES

THIS AGREEMENT, is made and effective June 1, 2024 between the City of Bishop, a municipal corporation ("Agency") and **HELIX Environmental Planning, Inc.** ("Consultant"). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. TERM

This Agreement shall commence on **June 1st 2024** and shall remain and continue in effect for three (3) years. The Agreement may be extended for one (1) year at a time, after the initial three (3) years, with a maximum Agreement term of five (5) years after commencement date, unless sooner terminated pursuant to the provisions of this Agreement.

2. SERVICES

General Scope of Services. Consultant promises and agrees to furnish to Agency all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the environmental consulting services necessary for the Project ("Services"). The Services are generally described in Exhibit "A", Agency's Request for Qualifications and Exhibit "B", Consultant's Statement of Qualifications, attached hereto and incorporated herein by reference, and which are stated in the proposal to Agency. The Services shall be more particularly described in the individual Task Order issued by Agency. No services shall be performed unless authorized by a fully executed Task Order. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3. PERFORMANCE

Consultant shall at all times perform all tasks described herein in accordance with generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

4. AGENCY MANAGEMENT

The City Administrator shall represent Agency in all matters pertaining to the administration of this Agreement, review and approval of all products submitted

by Consultant, but not including the authority to enlarge the Tasks to Be Performed or change the compensation due to Consultant. Agency's Manager shall be authorized to act on Agency's behalf and to execute all necessary documents which enlarge the Tasks to Be Performed or change Consultant's compensation, subject to Section 5 hereof.

5. PAYMENT

(a) Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The maximum compensation for Services to be provided pursuant to each Task Order shall be set forth in the relevant Task Order. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

(b) Consultant shall not be compensated for any services rendered in connection with its performance of this Agreement which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Administrator. Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by the City Administrator and Consultant at the time Agency's written authorization is given to Consultant for the performance of said services. the City Administrator may approve additional work not to exceed ten percent (10%) of the amount of an individual Task Order, but in no event shall such sum exceed ten-thousand dollars ($10,000.00). Any additional work in excess of this amount shall be approved by the Governing Board.

(c) Consultant will submit invoices monthly for actual services performed. Invoices shall be submitted on or about the first business day of each month, or as soon thereafter as practical, for services provided in the previous month. Payment shall be made within thirty (30) days of receipt of each invoice as to all non-disputed fees. If Agency disputes any of Consultant's fees it shall give written notice to Consultant within thirty (30) days of receipt of an invoice of any disputed fees set forth on the invoice.

6. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

(a) Agency may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If Agency suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

(b) In the event this Agreement is terminated pursuant to this Section, Agency shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to Agency. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to Agency pursuant to Section 3.

7. DEFAULT OF CONSULTANT

(a) The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, Agency shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default and can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

(b) If the City Administrator or his/her delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, he/she shall cause to be served upon the Consultant a written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, or, if the nature of the cure is such that more than ten (10) days will be required to effect the cure, and Consultant has not commenced the cure within said ten (10) days, then the Agency shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

8. OWNERSHIP OF DOCUMENTS

(a) Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts, and other such information required by Agency that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and best professional practices and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of the Agency or its designees at reasonable times to such books and records; shall give Agency the right to examine and audit said books and records; shall permit the Agency to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings, and activities related to this Agreement. Such records, together with supporting

documents, shall be maintained for a period of three (3) years after receipt of final payment.

(b) Upon completion of, or in the event of termination or suspension of this Agreement, and upon payment of Consultant's invoices, all original documents, designs, drawings, maps, models, computer files, surveys, notes, and other documents prepared in the course of providing the services to be performed pursuant to this Agreement shall become the sole property of the Agency and may be used, reused, or otherwise disposed of by the Agency without the permission of the Consultant. Any re-use, or modification of Consultant's instruments of service without the Consultants participation shall be at the Agency's sole risk and Agency agrees to indemnify the Consultant from any claims arising out of the re-use or modification. With respect to computer files, Consultant shall make available to the Agency, at the Consultant's office and upon reasonable written request by the Agency, the necessary computer software and hardware for purposes of accessing, compiling, transferring, and printing computer files.

9. INDEMNITY AND DEFENSE

(a) Indemnification for Professional Services

To the fullest extent permitted by law, Consultant shall indemnify and hold harmless Agency and any and all of its officials, and employees ("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including reasonable attorney's fees and costs, to the extent they arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant. Consultant's duty to indemnify shall include reimbursement of reasonable defense costs incurred by Agency in direct proportion to the Consultant's proportionate percentage of fault. Consultant's percentage of fault shall be determined, as applicable, by a court of law, jury or arbitrator. In the event any loss, liability or damage is incurred by way of settlement or resolution without a court, jury or arbitrator having made a determination of the Consultant's percentage of fault, and if the parties cannot mutually agree on the percentage, the parties agree to mediation with a third party neutral to determine the Consultant's proportionate percentage of fault for purposes of determining the amount of indemnity and defense cost reimbursement owed to the Agency.

(b) For All Other Liabilities

Notwithstanding the foregoing and without diminishing any rights of Agency under Section 9.A, for any liability, claim, demand, allegation against Agency arising out of, related to, or pertaining to any act or omission of Consultant, but which is not a design professional service,

Consultant shall defend, indemnify, and hold harmless Agency, its officials, employees, and agents ("Indemnified Parties") from and against any and all damages, costs, expenses (including reasonable attorney fees and expert witness fees), judgments, settlements, and/or arbitration awards, whether for personal or bodily injury, property damage, or economic injury, and arising out of, related to, any concurrent or contributory negligence on the part of the Agency, except for the sole or active negligence of, or willful misconduct of the Agency.

10. INSURANCE

Consultant shall maintain prior to the beginning of and for the duration of this Agreement insurance coverage as specified in Exhibit "D" attached to and part of this Agreement.

11. INDEPENDENT CONSULTANT

(a) Consultant is and shall at all times remain as to the Agency a wholly independent Consultant. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither Agency nor any of its officers, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents, except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the Agency. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against Agency, or bind Agency in any manner.

(b) No employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, Agency shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for Agency. Agency shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

12. LEGAL RESPONSIBILITIES

The Consultant shall keep itself informed of State and Federal laws and regulations which in any manner affect those employed by it or in any way affect the performance of its service pursuant to this Agreement. The Consultant shall at all times observe and comply with all such laws and regulations. The Agency, and its officers and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this Section.

13. UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure is used against or in concert with any officer or employee of the Agency in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of the Agency will receive compensation, directly or indirectly, from Consultant, or from any officer, employee or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling the City to any and all remedies at law or in equity.

14. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of Agency, or their designees or agents, and no public official who exercises authority over or responsibilities with respect to the Project during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the Project performed under this Agreement.

15. RELEASE OF INFORMATION/CONFLICTS OF INTEREST

(a) All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without Agency's prior written authorization. Consultant, its officers, employees, agents, or subconsultants, shall not without written authorization from the City Administrator or unless requested by the Agency Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories, or other information concerning the work performed under this Agreement or relating to any project or property located within the Agency. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives Agency notice of such court order or subpoena.

(b) Consultant shall promptly notify Agency should Consultant, its officers, employees, agents, or subconsultants be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions, or other discovery request, court order, or subpoena from any person or party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the Agency. Agency retains the right, but has no obligation, to represent Consultant and/or be present at any deposition, hearing, or similar proceeding. Consultant agrees to cooperate fully with Agency and to provide the opportunity to review any response to discovery requests provided by Consultant. However, Agency's right to review any such

response does not imply or mean the right by Agency to control, direct, or rewrite said response.

16. NOTICES

Any notices which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by notice:

To Agency:	City of Bishop P.O. Box 1236 Bishop, CA 93514 Attention: Agency Clerk
To Consultant:	HELIX Environmental Planning, Inc. 1180 Iron Point Road, Suite 130 Folsom, CA 95630 Attention: Robert Edgerton, AICP CEP

17. ASSIGNMENT

Consultant has represented to Agency that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of Agency. In the event that AGENCY and Consultant cannot agree as to the substitution of key personnel, AGENCY shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to AGENCY, or who are determined by the AGENCY to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the AGENCY. The key personnel for performance of this Agreement are as follows:

Robert Edgerton, Contract Manager,Principal Planner

18. LICENSES

At all times during the term of this Agreement, Consultant shall have in full force and effect, all licenses required of it by law for the performance of the services described in this Agreement.

19. GOVERNING LAW

The Agency and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in the municipal, superior, or federal district court with jurisdiction over the Agency.

20. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

21. CONTENTS OF REQUEST FOR PROPOSAL AND PROPOSAL

Consultant is bound by the contents of the Agency's Request for Qualifications, Exhibit "A" hereto and incorporated herein by this reference, and the contents of the Statement of Qualifications submitted by the Consultant, Exhibit "B" hereto. In the event of conflict, the requirements of Agency's Request for Qualifications and this Agreement shall take precedence over those contained in the Consultant's proposals.

22. AUTHORITY TO EXECUTE THIS AGREEMENT

The person or persons executing this Agreement on behalf of Consultant warrants and represents that he/she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder.

23. LIMITATION OF LIABILITY; WAIVER OF CONSEQUENTIAL DAMAGES

The total amount of all claims the Agency may have against the Consultant under this Agreement or arising from the performance or non-performance of the Services under any theory of law, including but not limited to claims for negligence, negligent misrepresentation and breach of contract, shall be strictly limited to the lesser of the fees or $100,000. As the Agency's sole and exclusive remedy under this Agreement any claim, demand or suit shall be directed and/or asserted only against the Consultant and not against any of the Consultant's employees, officers or directors.

Neither the Agency nor the Consultant shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected to this Agreement or the performance of the services on this Project. This mutual waiver includes, but is not limited to, damages related to loss of use, loss of profits, loss of income, loss of markets, unrealized energy savings, diminution of property value or loss of reimbursement or credits from governmental or other agencies.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CONSULTANT

By: Robert Edgerton
Robert Edgerton (May 17, 2024 10:13 PDT)
Robert Edgerton, Principal Planner

CITY OF BISHOP
A Municipal Corporation

By: _____
Jose Garcia, Mayor

ATTEST:

By: _____
Robin Picken, City Clerk

APPROVED AS TO FORM:

By: _____
Dean Pucci, City Attorney

EXHIBIT A

REQUEST FOR QUALIFICATIONS/SERVICES TO BE PROVIDED

CITY OF BISHOP

377 West Line Street - Bishop, California 93514
P. O. Box 1236 - Bishop, California 93515
City Hall 760-873-5863 Public Works 760-873-8458
Fax 760-873-4873

Request for Qualifications for As Needed, On-Call Environmental Services

Dear Interested Party:

The City of Bishop (**"City"**) is seeking a statement of qualifications from environmental consulting teams (**"Consultant**") to provide On-Call, As Needed Environmental Consulting Services. Under the direction of the City's staff, the environmental consultants will assist on an as-needed basis, with a variety of environmental professional services including the preparation and review of California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA) documents for projects that may occur within the City of Bishop limits. As a public entity, the City of Bishop is considered the lead agency for the processing of projects within the City limits in compliance with CEQA.

A. Purpose and Background

The purpose of this Request for Qualifications (RFQ) is to provide the City with specific environmental consulting services and other related items when expedited services are needed. For each project for which services will be requested, the City will issue a Task Order to one or more firms under the On-Call Agreement and request a proposal.

The term of the As Needed, On-Call services contract(s) shall be for three (3) years. The contract(s) may be extended for one (1) year at a time, after the initial three (3) years, with written agreement of the City and the Consultant. The contract(s) may be extended until a five (5) year period is complete.

The City supports the Disadvantaged Business Enterprise (DBE) program and encourages the use of DBE consultants and subconsultants when possible. The primary purpose of the DBE program is to provide training, assistance, and services to minority, disadvantaged, and women business enterprises and provide equal opportunity. There is no DBE goal for participation in this RFQ. However, DBE goals will be given for the task orders if required.

B. Scope of Services

Services provided by Consultant will be on an intermittent, as needed, On-Call basis. The Consultant shall have staff qualified to conduct all necessary environmental consulting work and written documents, including graphics.

Scope of Services may include, but are not limited to, the following tasks:

- Preparation of technical reports/memos and NEPA and CEQA documents or similar:
    - Natural Environment Study (NES) / NES Minimal Impacts
    - Biological Assessment
    - Revegetation Plan
    - Focused Plant or Animal Survey
    - Habitat Assessment
    - Wetland Delineation
    - Arborist Evaluation
    - Noise Technical Memorandum
    - Initial Site Assessment
    - Lead and Asbestos Testing
    - Historic Property Survey Report
    - Archaeological Survey Report
    - Historic Resources Evaluation Report
    - Finding of Effect
    - Water Quality Assessment Memorandum/Report
    - Caltrans forms, for example, Preliminary Environmental Study PES Form, Caltrans Floodplain Forms
    - Initial Study / Mitigated Negative Declaration / Mitigation Monitoring and Reporting Program
    - Environmental Impact Reports (EIR)

- Obtain sub-consultants for other as-needed professional environmental consultant services related to environmental analysis and surveying.
- Attend kickoff and other meetings at the City's request.
- Review CEQA/NEPA documents, plans, studies, and other documents on behalf of the City.
- Providing General Assistance and Support to comply with CEQA/NEPA requirements for both federal and/or state-funded projects.
- Consultation with City, Caltrans, or other agency staff.
- Reviewing environmental reports or technical studies.

- Reviewing project permits.
- Identifying the components and requirements of a project.
- Conducting a site investigation to determine existing field conditions.
- Submitting a written proposal, including the scope of work, a not-to-exceed fee proposal, and a schedule.
- Compliance monitoring.

All work shall be in accordance with local, state, and federal standards when applicable.

All documentation, and graphics prepared under the terms of the Agreement with the City shall be delivered to the City and shall become the property of the City. Other work not required by the City, such as notes, sketches, charts, computations, and other data shall be available upon request to the City without restrictions or limitations.

C. Assignment of Work

The City will assign work to any of the contracted firms as deemed necessary. All work shall be performed under the direction of a licensed professional engineer registered with the State of California. No subcontractors shall be utilized without prior authorization by the City.

The consultant will have a prescribed number of working days, indicated in the Task Order, to submit the requested proposal. Failure to submit the proposal by the prescribed time may cause the proposal to be rejected and another firm assigned the task.

When services are being requested, the City will issue the Task Order to one or more of the firms under the On-Call Agreement and request a proposal, including project understanding, fee rates for the completion of the tasks, proposed methods, hours to be spent on tasks, and a schedule including the time needed to complete the tasks. The City will review proposals and will award the work based on qualifications for tasks and overall cost.

Project scheduling will be based on a task-to-task basis decided by the City and Consultant. Any changes in the schedule must have prior authorization by the City's Public Works staff. The final payment will be paid when all tasks are complete, and the City has received all the required documents.

Schedule

The City of Bishop has set a schedule for the RFQ process. However, the services provided by the Consultant will be on an as needed, On-Call schedule.

Description	Estimated Completion Date
Advertisement of Request for Qualifications	February 12, 2024
Requests for Clarification/information Deadline	March 9, 2024
Statements Due	March 12, 2024
Interviews (if desired by City)	Week of March 25, 2024
Initial Selection	April 8, 2024
Contract Negotiations	Week of April 15, 2024
Present to City Council	April 22, 2024

D. City Provided Work and Information

If requested by Consultant, The City of Bishop will provide the following:

- City of Bishop Standard Plans
- Recorded maps showing parcel boundary information
- Topographic information if available
- GIS information if available
- Previously completed, project specific plans or reports
- Codes specific to Bishop

E. Selection Criteria and Process

The contract(s) will be awarded on the basis of demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required. There may be interviews for the top responsive firms. Statements will be reviewed by select City staff members and authorized City Representatives. The City will score each of the following criteria on a scale of 1-5 which will be multiplied by the weighted values, with 1 being below average and 5 being exceptional. City Staff will rate statements as seen in the following table:

Criteria	Weight Factor	Rating (1-5)	Weighted Rating
A. Understanding of work to be done	0.10		
B. Responsiveness to request for qualifications	0.05		
C. Appropriateness and acceptability of approach and work plan, ability to develop proposals for issued task orders	0.15		
D. Ability to complete task orders in a timely manner	0.15		
E. Qualifications of the firm, consultant, and assigned staff	0.10		
F. Knowledge of and experience with similar work	0.15		
G. Local experiences & knowledge	0.15		
H. References	0.05		
I. Rating and ranking of interview (if conducted)	0.10		
		Total Score:	
Comments:			

The initial selection(s) will be based on the criteria listed in the table above. If clarification is required, a written questionnaire may be provided or an informal interview may be conducted. If an interview is conducted, it will be scheduled within three weeks following the statement submittal.

After selection of the top-ranked firm(s), the City will negotiate final contract terms. The goal of negotiations is to agree on a final contract that delivers the services and products required with reasonable fees. Compensation for the as needed, On-Call, agreements shall be handled through task orders and will be financed through project specific funding sources. Note, there is no expectation or guarantee of a total contract amount.

F. Proposed Response Format

The following statement format is required and has been designed to facilitate comparison among statements submitted. The statements should not exceed 15 pages, not including attachments. Future Task Orders assigned to awarded consultant(s) will have a separate proposal response format, provide by the City at the time of task requests.

1. Cover Letter – Introduction

Provide a summary of the statement and demonstrate the firms understanding of the tasks, including general approach for scope of services provided in this RFQ. Include an introduction to the firm as well as a contact person's name, phone number, email address, and mailing address.

2. Qualifications, Experience, References

Prepare a summary of your firm's qualification and experience in similar projects. Include the names of clients, duration, and description of past or current assignments. Also, include names and telephone numbers of contact persons of as many as three (3) clients for whom your firm provided similar services.

3. Technical Approaches and Scope of Work

Provide typical work plans for various tasks in the Scope of Services. State the interpretation of the types of work to be performed. State a positive commitment to perform the work in the required manner and time frame. Demonstrate an understanding of the services being requested.

4. Staffing and Subconsultants

List the individuals that will participate on this agreement, including their staff classification. Please include a brief resume of experience in similar projects for each individual and proof of various professional registration, licenses, and certificates. Subconsultant statements and resumes may be submitted as an attachment.

If, at the time of a Task Order request, the Consultant(s) wishes to use subconsultants not specified in their RFQ statement, prior written approval must be received from the City. The City may provide the approval after review of the proposal(s) required for a Task Order. Subconsultants may be used for work such as traffic reports or studies, traffic studies reviews, and other as-needed technical studies.

5. Fees

Provide a price statement for general services in a separate, sealed envelope including a price for each typical deliverable. The price statement should include a list of staff hourly rates and other additional costs in the event that work is required outside of the typical design items outlined in this RFQ. Once City staff has made initial selections, the price statement will be opened and used as a basis for final scope and fee negotiations. Should those negotiations be successful, all other price statements will be unopened and shredded.

G. Submittal of Statement

Submit two (2) signed hard copies and one electronic copy on a thumb drive of your entire statement in a sealed envelope labeled **"RFQ – As Needed, On-Call Services for COB"**. Label price statement as **"Price Statement for RFQ – As Needed, On-Call Services for COB"**. Submit statement to:

City of Bishop
377 West Line Street
Bishop, CA 93514
Attention: Michele Rhew, Public Works Secretary

Statements must be submitted, or postmarked, prior to **4:00 PM, Tuesday, March 12, 2023.**

If all required information is not provided, a statement may be considered nonresponsive and rejected without evaluations. Late submittals, submittals to the wrong location, or submittals with inadequate copies are considered nonresponsive and shall be rejected.

The City shall not, in any event, be liable for any pre-contractual expenses incurred by Consultant in the preparation of its statement. Consultant shall not include any such expenses as part of its statement. Pre-contractual expenses are defined as expenses incurred by the Consultant in:

- Preparing the statement in response to this RFQ;
- Submitting the statement to the City;
- Negotiating with City on any matter related to the statement; or
- Any other expenses incurred by the Consultant prior to date of award, if any, of the Contract.

Consultant statements and any contract entered into thereafter become the exclusive property of the City and shall be subject to the California Public Records Act (Government Code Section 6250 et seq.). The City's use and disclosure of its records are governed by this act. Those elements in each statement which Consultant(s) consider to be trade secrets, as that term is defined in Civil Code Section 3426.1(d), or otherwise exempt by law from disclosure, should be prominently marked as "TRADE SECRET", "CONFIDENTIAL", or "PROPRIETARY" by Consultant. The City will use its best efforts to inform Consultant of any request for disclosure of any such document. The City, shall not in any way, be liable or responsible for the disclosure of any such records including, without limitation; those so marked if disclosure is deemed to be required by law or by an order of the Court.

H. Information and Inquires

Should a Consultant require clarifications to this RFQ, the Consultant shall submit a request for information (RFI) notify City Staff listed below in writing. Should it be found that the point in question is not clearly and fully set forth in the RFQ; the City may issue a written addendum clarifying the matter. RFIs should be submitted no later than April 20, 2023 to allow adequate time for the City to respond.

Substantive changes to the requirements will be made by written addendum to this RFQ. Any written addenda issue pertaining to this RFQ shall be incorporated into the terms and conditions of any resulting Agreement. The City shall not be bound to any modifications to or deviations from the requirements set forth in this RFQ as the result of oral instruction.

For further information, please contact:

Anastasiia Budnyk
Assistant Planner
(760) 873-8458 x 136
abudnyk@cityofbishop.com

I. Top Ranked List and Protests

Each Consultant who submits a statement shall be notified in writing regarding the Consultant(s) who were selected as part of the top ranked list. Such notification shall be made within 10 days of the list approval date.

Consultants may file a “protest” of a statement with the City. In order for a Consultant’s protest to be considered valid, the protest must:

- Be received in writing within 5 calendar days after the top ranked list is published;
- Clearly identify the specific irregularity or accusation;
- Clearly identify the specific City staff determination or recommendation being protested;
- Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid. If the protest complies with each of these requirements, the Project Manager or other designated City staff member shall review the basis of the protest and all relevant information. A member of the City Staff will provide a written decision to the protestor. The protester may appeal the initial decision to Deston Dishion, City Administrator, by

filing a protest meeting and all five of the criteria listed above. This appeal must be received within 5 calendar days of the date of the initial City Staff written decision.

J. Sample Contract and Exceptions

The City of Bishop agreement for as needed, On-Call consulting services will be provided upon request. The firm should review the agreement and insurance requirements and indicate if there are any exceptions to the agreement requirements or language that requires further discussion or clarification. Noted exceptions may be considered in determining a proposer's responsiveness. The selected Consultant(s) shall be bound to accept all RFQ requirements and terms and conditions of the Form of Agreement not excepted in the statement.

K. Other Requirements

By submitting Qualifications, Consultant represents that it has thoroughly examined and become familiar with the work required under this RFQ and is capable of performing quality work to achieve the City's objectives.

All statements shall remain good for a minimum of 60 calendar days after the submission deadline or until final contract(s) are executed with the successful proposer(s), whichever occurs first.

By submitting Qualifications, Consultant warrants that any and all licenses and/or certifications required by law, statute, code or ordinance in performing under the scope of this RFQ are currently held by Consultant, and are valid and in full force and effect. All consultants for the City of Bishop must have or obtain a current business license from the City of Bishop.

Sincerely,

Deston Dishion
Planning Director
City of Bishop

EXHIBIT B

CONSULTANT'S STATEMENT OF QUALIFICAITIONS

HELIX Environmental Planning

STATEMENT OF QUALIFICATIONS FOR

As-Needed, On-Call Environmental Service

City of Bishop
March 12, 2024

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Appendix A - Key Staff Resumes

Appendix B - Proof of Professional Registrations, Licenses, and Certificates

HELIX Environmental Planning, Inc.
1180 Iron Point Road, Suite 130
Folsom, CA 95630
916.435.1205 **tel**
www.**helixepi**.com

1 COVER LETTER – INTRODUCTION

March 8, 2024

Michele Rhew, Public Works Secretary
City of Bishop
377 West Line Street
Bishop, CA 93514

Subject: Statement of Qualifications for As-Needed, On-Call Environmental Services

Dear Ms. Rhew:

HELIX Environmental Planning, Inc. (HELIX) is pleased to present our Statement of Qualifications (SOQ) to provide As-Needed, On-Call Environmental Services to the City of Bishop (City). We have successfully provided the City with environmental services for the past several years and we are excited about the prospect of continuing our partnership.

Since its inception 32 years ago, HELIX has developed an excellent reputation providing high quality as-needed environmental services to local government and public agency clients throughout California. This includes extensive experience providing on-call services to prepare the full range of environmental review documentation pursuant to the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), as well as preparing supporting technical studies.

This contract will be managed by me, Robert Edgerton, serving as the Contract Manager and HELIX's primary point of contact for the City. I bring 25+ years of experience with environmental compliance and land use planning and maintain a working knowledge of resource-based legislation, land development procedures, and regulatory permitting requirements. Furthermore, I have successfully worked with the City preparing award-winning CEQA documentation and environmental analysis dating back to 2016.

We understand that the City is seeking consultants to provide environmental review services in support of a wide range of projects and that individual task orders will be issued by the City under the on-call contract requesting a project-specific scope of work and cost estimate. Upon task order issuance, I will work with the City to review individual project(s) and identify the appropriate scope of work and associated budget required to satisfy CEQA/NEPA requirements. Once under contract, HELIX staff are immediately available to commence work.

Please contact me directly at 916.365.8713 or RobertE@helixepi.com during the evaluation period with any questions about our qualifications or project team. Thank you for considering HELIX and we look forward to hearing from you.

Sincerely,

Robert Edgerton, AICP CEP
Principal Planner
Distribution: Two (2) hard copies and one (1) electronic copy on thumb drive

2 QUALIFICATIONS, EXPERIENCE, REFERENCES

2.1 QUALIFICATIONS

HELIX is a recognized leader in providing environmental compliance services for public projects. We have supported rural counties, cities, and project applicants by conducting environmental investigations (e.g., biological and cultural resource studies) and preparing and processing various CEQA/NEPA compliance documents and regulatory permit applications. Much of our work is performed under on-call contracts with our public agency clients. HELIX has prepared environmental compliance documents and supporting technical analyses pursuant to CEQA/NEPA for many types of projects, including:

- Development of residential subdivisions and their associated utility infrastructure
- Mixed-use developments
- Industrial developments
- General, Community, and Specific Plans (and amendments thereto)
- Institutional facilities such as universities, schools, churches, and correctional facilities
- Shopping centers, offices, and other commercial developments
- Hotels
- Hospitals and medical office facilities
- Fire stations, parks, and public transit facilities
- Roads, bridges, and highway transportation projects

This section of our SOQ demonstrates the experience that we have gained collectively in conducting environmental planning and compliance throughout Northern California – we offer this collective experience to the City to ensure the successful and timely completion of all City projects undertaken through this contract by the HELIX team.

2.2 RELATED EXPERIENCE

The following project descriptions provide a sample of the HELIX project team's experience with projects in the City and other public entities in the Sierra Nevada foothills.

City of Bishop Downtown Specific Plan and Mixed-Use Overlay EIR

Client: City of Bishop *Duration: 4/2021 – 12/2022*

HELIX supported the City of Bishop with preparation of an Environmental Impact Report (EIR) for the proposed Bishop Downtown Specific Plan. The project would increase allowable residential and commercial density in the downtown core. Alta Planning + Design and the City prepared the Specific Plan, including visual simulations, and led the public outreach campaign with support from HELIX. HELIX prepared several technical studies in support of the program-level EIR, including air quality (AQ)/greenhouse gas (GHG)/energy analysis, noise and vibration studies, biological resource evaluation, cultural resource assessment, and visual resource analysis. The project was approved and the program-level EIR was certified unanimously by City Council in December 2022.

2023 Excellence and Achievement in Planning - Comprehensive Planning Award of Excellence (Small Jurisdiction) by the American Planning Association, Central Section, California Chapter.

2023 Award of Excellence - Housing Department by the American Planning Association California Chapter.

Warren Street Sidewalk Improvements

Client: City of Bishop *Duration: 1/2024 - Present*

Under contract to Triad Holmes Associates, HELIX is processing a Preliminary Environmental Study (PES) form with Caltrans oversight for numerous sidewalk improvements in Bishop's historic downtown. Proposed improvements include curb and gutter, traffic calming measures, driveway upgrades, stamped concrete sidewalk elements, and wayfinding. HELIX will be researching and preparing an Historic Resources Evaluation Report (HRER) in support of the PES for Caltrans approval. Finally, HELIX will be preparing Categorical Exemption/Exclusion documentation for both CEQA and NEPA compliance.

East Line Street Bridge Replacement

Client: City of Bishop *Duration: 11/2022 - Present*

HELIX prepared an Initial Study/Mitigated Negative Declaration (IS/MND) in support of the proposed bridge replacement of East Line Street over Bishop Creek Canal in the City of Bishop that is currently out for public review. Due to concern for structural stability and pedestrian safety, the bridge will be replaced with a new structure with an increased width for safer pedestrian crossing. HELIX completed various field surveys/investigations, including an AQ/GHG evaluation, a cultural resources assessment, tribal consultation support services on behalf of the City, a biological resource evaluation, an aquatic resources delineation, and noise assessment. Regulatory permit applications will be prepared and processed with various state and federal agencies following project approval.

Spruce, Hanby, and Yaney Sidewalk Improvements

Client: City of Bishop *Duration: 7/2016 – 7/2018*

HELIX conducted environmental investigations and technical report preparation for the Spruce, Hanby, and Yaney Sidewalks project in the City of Bishop. Work products included a biological resource evaluation, a wetland delineation, a National Historic Preservation Act (NHPA) Section 106 cultural resources assessment, Native American consultation, CEQA processing, and Clean Water Act/Lake and Streambed Alteration 404/401/1600 regulatory permit applications/consultation with resource agencies on behalf of the City. Although not part of our contracted scope of services, HELIX prepared a Tree Planting Plan (per the request of the California Department of Fish and Wildlife [CDFW]) within the original scope and fee estimate without having to seek a change order with the City.

State Route-203 Sidewalk Improvements

Client: Town of Mammoth Lakes *Duration: 10/2015 – 5/2018*

HELIX provided environmental support to the Town of Mammoth Lakes (with oversight from Caltrans District 9) to prepare stand-alone CEQA Categorical Exemption and NEPA Categorical Exclusion documentation for two segments of the State Route 203 sidewalk improvements project at the intersection of N. Main Street and W. Minaret Road. The sidewalk sections are located in a highly constrained and highly utilized area of the Town and will connect existing portions of sidewalks for greater pedestrian circulation and improved public health and safety. HELIX successfully completed preparation and processing of the CEQA/NEPA documents, and we provided much of the supporting information presented in the documents, including biological resources information/analysis, Phase 2 cultural resources investigation, and hazardous

materials review. The CEQA/NEPA documents and associated technical analyses were drafted by HELIX and reviewed and approved by Caltrans District 9 staff in an expedited manner.

Bishop Area Wastewater Authority Treatment Plant Irrigation Disposal System

Client: Bishop Area Wastewater Authority *Duration: 5/2021 – 6/2021*

HELIX assisted the Bishop Area Wastewater Authority with an opportunities and constraints analysis of the proposed 450-acre irrigation disposal parcel located adjacent to the City of Bishop's wastewater treatment plant. HELIX's work consisted of biological and cultural resource assessments along with coordination with various resource agencies. HELIX conducted an impact assessment of the proposed irrigation disposal system in relation to localized wetlands/waters and special status species that should be considered during project planning by the client.

2.3 REFERENCES

We invite the City to contact our references to confirm our team's qualifications and past performance, including our ability to stay on schedule and within budget and provide responsive and high-quality environmental services.

Reference Contact Information
Cathreen Richards, Planning Director County of Inyo, Planning Department 760.878.0447 | crichards@inyocounty.us
Nolan Bobroff, Community Development Director Town of Mammoth Lakes, Community & Economic Development Department 760.965.3631 | nbobroff@townofmammothlakes.ca.gov
Desmond Parrington, Planning Manager City of Folsom, Community Development Department 916.461.6233 | dparrington@folsom.ca.us

3 TECHNICAL APPROACHES AND SCOPE OF WORK

The City seeks to select qualified consulting firms to assist with the preparation of environmental documentation, functioning as-needed on a project-by-project basis, for a three-year period with the option of two, one-year extensions. HELIX will work with City staff to establish a clear understanding of projects as proposed, as well as applicable environmental issues and the identification of information needs. Environmental documents shall be prepared in accordance with CEQA and/or NEPA statutes and guidelines, as applicable, and relevant to individual project proposals. For projects with a federal nexus, the preparation of a joint CEQA/NEPA document may be beneficial to maximize efficiency and reduce redundancy of the environmental review process, to be determined based on consultation with City staff, and at the discretion of the federal lead agency. Qualified personnel shall be provided by HELIX to prepare the appropriate level of environmental documentation and complete any associated supplemental studies.

The project approach presented in this section is based on the Scope of Services provided in the RFQ but will be tailored for each task order based on the specific requirements of each project. When appropriate, HELIX will advise the City in regard to cost-effective options to achieve project objectives while avoiding or reducing project impacts to resources.

CEQA Documentation

After the City determines that a proposed activity is a "project" subject to CEQA, HELIX will coordinate with the City to determine if a Categorical Exemption (CE) is appropriate to fulfill the requirements of CEQA. If it is determined that the project would qualify for a CE, then HELIX will work with City staff to identify the applicable exemption "class" for the activity and prepare a Notice of Exemption (NOE) in the City's preferred format. The NOE would be filed with the Inyo County Clerk's office as well as the State Clearinghouse.

If it appears that a project would have potentially significant impacts that could be mitigated to a less-than-significant level, then HELIX will prepare an IS to evaluate the environmental impacts of a project in detail subject to City approval. Each IS Checklist (per CEQA Guidelines Appendix G) resource section includes a discussion of the existing conditions, impact analysis, and required mitigation measures (if warranted). Following completion of the IS and necessary technical studies, a determination is made whether the project has less than significant impacts, less-than-significant impacts with mitigation incorporated, or potentially significant impacts which would require the preparation of an EIR. If mitigation measures are incorporated into the IS, then a MND will be prepared for public circulation. HELIX will prepare an administrative draft, public review draft, and final IS/MND, Notice of Intent to Adopt an MND, Notice of Completion, Summary Forms, Response to Public Comments, and a Mitigation Monitoring and Reporting Program (MMRP).

As noted above, if the IS determines the project would result in potentially significant impacts to the environment, then an EIR will be prepared. To streamline the EIR preparation process, HELIX would use the analysis prepared in the IS to "focus" the EIR to analyze only the resource sections that would have potentially significant impacts to the environment. Following the determination that an EIR will be prepared for the project, HELIX will prepare a Notice of Preparation (NOP) for distribution by the City to each responsible and/or trustee agency responsible for natural resources affected by the project, as well as interested members of the public. A scoping meeting may also be held at the discretion of the City. HELIX will prepare an Administrative Draft EIR, and resource-specific technical specialists will analyze project-related impacts and identify feasible mitigation measures to reduce impacts to the extent

possible. Upon receipt of comments from the City, the Public Review Draft EIR will be prepared for release of a 45-day review period. HELIX will assist in preparing the Notice of Completion and Notice of Availability, in addition to the Public Review Draft EIR. Responses to comments on the Public Review Draft EIR will be prepared and upon completion of the Final EIR the City will schedule the project for City Council's consideration. Within five days of project approval, a Notice of Determination (NOD) will be filed with the Inyo County Clerk and State Clearinghouse. The filing and posting of the NOD initiates a 30-day statute of limitations on court challenges to the project approval under CEQA. HELIX will assist the City in the preparation of Findings of Fact and a Statement of Overriding Considerations for any significant impacts on the environment found to be unavoidable under Section 15091 of the CEQA Guidelines, if necessary.

NEPA Documentation

Often a federal nexus is established with a project. This can be established when as little as one dollar of federal money is spent on the project. A nexus can also be established if the project requires the approval of a federal agency. This nexus establishment is often done in consultation with the City Attorney. For projects that have federal agency involvement or funding, HELIX would work with City staff and the lead federal agency (e.g., Federal Highway Administration through the California Department of Transportation [Caltrans], U.S. Department of Housing and Urban Development [HUD]) to develop a description of the proposed action using applicable data, maps and engineering design details, acreage of surface disturbance, and site visit observations of site-specific physical and environmental conditions to assist in the evaluation of the appropriate NEPA documentation for the proposed action. HELIX will review the federal lead agency's Categorical Exclusions to determine if the proposed action is one of those classes of actions that can be categorically excluded from NEPA.

If the proposed action cannot be categorically excluded, then an Environmental Assessment (EA) is written to determine whether to prepare a finding of no significant impact (FONSI) or an Environmental Impact Statement (EIS). The EA will include a brief discussion of the purpose and need for the proposed action, project alternatives, the environmental effects of the proposed action and alternatives, and a listing of agencies and persons consulted. The FONSI would summarize the reasons why an action would not have a significant effect on the human environment and why an EIS is not warranted. The FONSI would be attached to the EA and incorporate its discussion by reference. HELIX will assist the City and federal lead agency in the noticing for public review for the EA/FONSI. The federal lead agency may also require that a public hearing be held to allow the public an opportunity to review and comment on the proposed action. When the federal lead agency issues a FONSI, copies of the EA would be made available for public review for a minimum of 30 days. A Notice of Availability of the FONSI would be released, and the document would be made available for review from the City and federal lead agency. A notice would also be sent to the state intergovernmental review contacts. Working with the City and federal lead agency, HELIX would review public comments on the EA/FONSI and prepare written responses. The federal lead agency will make a separate written FONSI, incorporating by reference the EA and any other appropriate environmental documents, then a Notice of Availability for the FONSI would be released by the City.

NEPA requires federal agencies to prepare an EIS for major federal actions that significantly affect the quality of the human environment. It is not envisioned that task orders through this contract would require preparation of an EIS, so no further description of that process is provided herein. For complex projects involving multiple participating agencies, HELIX can implement a streamlined approach to CEQA/NEPA by preparing a joint CEQA/NEPA document. Prior to the preparation of a joint CEQA/NEPA document, HELIX recommends early coordination with all participating agencies to determine the appropriate scope of work that meets each agency's needs to ensure successful delivery of the project.

Technical Studies

We understand that not every environmental document prepared for the City would require that each resource issue below be addressed in detail. We can contract with subconsultants for other as-needed professional environmental consultant services as-needed and upon prior approval from the City.

Biological Resources. The City is challenged with implementing smart growth while also conserving agriculture and critical natural habitat for listed fish species and rare plants. It is important that CEQA documentation provides a thorough analysis of potential biological resources impacts, including potential effects on protected species and vegetation communities (habitat) and mitigation. In addition to evaluating impacts under CEQA, HELIX can also identify other permits and approvals, such as Clean Water Act or California Fish and Game Code approvals/permits/authorizations that may be required. Although the City has an urban base, resource-rich areas of land and sensitive habitats exist within and surrounding these urbanized areas and provide potential habitat for federal and state listed species and other species of concern, including bighorn sheep, various rare plants, and desert pup fish.

Cultural and Historic Resources. Most projects require cultural resource studies to identify and evaluate the historic and/or prehistoric resources within the proposed project area. The first steps are to review previous studies and conduct a records search. Depending upon the nature and number of resources, a field visit may be necessary, followed by efforts to determine potential impacts and appropriate mitigation measures for the resources, as applicable. If buildings or structures greater than 50 years old may be affected by a proposed project, HELIX's architectural historians will evaluate the significance of a potentially historic resource in accordance with CEQA and National Register of Historic Places (NRHP) standards. HELIX also assists lead agencies with tribal consultation pursuant to Assembly Bill (AB) 52 and Senate Bill (SB) 18.

Aesthetics/Visual Resources. The City has diverse built and natural visual resources. The City's uniquely charming visual character is influenced by its historic downtown center and world renowned viewshed. One of the primary issues related to visual effects and neighborhood character is often the concern associated with achieving the densification goals of smart growth without sacrificing the character of existing communities. As with land use, EIRs shall evaluate the potential for visual and neighborhood character impacts and include discussions of applicable goals, policies, objectives, and design guidelines. As appropriate and feasible, the CEQA document will identify measures that could reduce visual resource impacts to less than significant levels.

Air Quality and Greenhouse Gas Emissions/Climate Change. The requirements for analyzing a proposed project's air pollutant emissions have changed substantially in the last decade. In particular, EIRs now must include an analysis of a project's potential contribution to climate change as well as compliance with the guidelines established by AB 32 and other policies related to the analysis of GHG emissions. Mitigation may be required to demonstrate how a project would reduce emissions below significance thresholds for regulated air pollutants and/or below "business as usual" levels for GHG emissions. Project-specific analysis of air quality-related health issues may also be required depending on the site and its proposed use. For example, a project entailing the excavation of serpentine rock may require an assessment of naturally occurring asbestos, and a project involving diesel truck use in residential neighborhoods might require a human health risk assessment.

Noise and Vibration. HELIX will assess potential project-related noise-generation including, as applicable, noise generated by project construction, project-related traffic, and/or stationary equipment such as HVAC equipment or on-site generators and vibration-generation from project demolition or construction. This analysis will address compliance with ordinances and land use compatibility standards, with a focus on potential effects to land uses considered sensitive to noise and vibration generation such

as residences, hospitals, parks, etc. The potential compatibility of a proposed development with existing or planned noise sources in the vicinity of the project site also will be addressed, with the identification of noise mitigation as necessary to help achieve compliance with applicable laws/regulations and to reduce impacts to less than significant levels.

Land Use and Agricultural Resources. Land use issues fall into two principal categories: policy consistency and land use compatibility. Land uses within the City range from developed residential neighborhoods and commercial corridors to open space and agriculture. Environmental documentation will evaluate the potential for land use conflicts to be created and address applicable land use goals, policies, objectives, and design guidelines. This analysis will include an evaluation of potential inconsistencies between the applicable community plan(s) and City-wide plans and policies. As appropriate, measures will be identified which could reduce land use conflicts. The issue of agricultural resources is more narrowly limited in that it only needs to be addressed for projects that would convert agricultural land to non-agricultural uses and/or that could affect the viability of nearby agricultural operations and may be an issue of concern to the City depending on the location of development.

Hydrology/Water Quality. The issue areas of hydrology and water quality are receiving increased scrutiny and regulatory oversight, with a corresponding need to ensure that these topics are thoroughly covered in CEQA documents. Our team's approach to these issues includes collecting background information, identifying the pertinent planning and regulatory considerations (e.g., local ordinances, General Plan policies and objectives, National Pollution Discharge Elimination System permit conditions and state narrative/numerical water quality objectives, and/or federal regulations), collecting additional site-specific information as necessary, and assessing potential effects. For each significant impact, EIRs will identify practical and effective mitigation and monitoring measures, as feasible.

Transportation/Traffic Circulation/Parking. For CEQA purposes, traffic is now evaluated in terms of Vehicle Miles Traveled (VMT). As such, it is important for the traffic impact analysis to be prepared consistent with established methodologies for evaluating a project's potential to affect VMT. Typically, a CEQA analysis for a development project would include an evaluation of VMT pursuant to the requirements of SB 743, as well as an analysis of bicycle and pedestrian facilities, transit facilities, and site access and circulation.

Public Services and Facilities. The provision of adequate police, fire, and emergency medical services, as well as facilities such as libraries and schools, are important issues in all communities. Many of these facilities are already impacted by heavy demand, and communities are frequently concerned about the capacity of these services to handle increased populations associated with new development. Accordingly, it is important for environmental documentation to provide a thorough analysis of potential effects when a proposed project could either increase the use of these services and/or adversely affect a public facility.

Energy and Water Supply. Energy use can be addressed in its own section, as part of a larger AQ/GHG study, or as a stand-alone discussion, depending on the type of project and direction from the City. Similarly, water supply impacts may be incorporated into the assessment of public utilities for projects with little to no water demand or a Water Supply Assessment may be prepared for water-demand projects.

Public Utilities. Similar to public facilities, communities are greatly interested in how public infrastructure for water, sewer, storm drainage, solid waste disposal, and energy would be provided to support new development and be maintained at adequate levels for existing development. Where applicable, environmental documentation will address existing facilities and their capacity, the projected new demand, and any utility improvements necessary to achieve required service levels.

4 STAFFING AND SUBCONSULTANTS

HELIX has a highly qualified team with demonstrated experience and expertise in the professional and technical services outlined in the RFQ. HELIX staff members identified below have the anticipated availability to provide all consultation, research, professional, and technical services required. While the core team identified in this SOQ will be dedicated to serving the City, additional resources from HELIX's firm-wide staff of 280 employees, are available to help meet the needs of multiple, concurrent projects.

4.1 ORGANIZATION CHART

Robert Edgerton, AICP CEP
Contract Manager/
Principal Planner

MULTI-DISCIPLINARY TEAM

CEQA/NEPA

Lesley Owning
Principal Planner

Erin Gustafson, AICP
Senior Environmental Planner

Julia Pano
Environmental Planner

+1 additional

Biological Resources

Patrick Martin
Senior Scientist

Marisa Brilts
Biologist/Arborist

+7 additional

Cultural Resources

Clarus Backes, RPA
Senior Cultural Resources
Project Manager

Ben Siegel, RPA
Cultural Resources
Project Manager

+3 additional

Historic Architecture

Nelson White
Senior Architectural Historian

Air Quality & Noise

Martin Rolph
Technical Specialist

Revegetation

Scott Redding, PLA
Principal Landscape Architect

Claire Watkins
Restoration Specialist

+3 additional

GIS

John DeMartino
Senior GIS Specialist

+1 additional

4.2 KEY STAFF QUALIFICATIONS

Highlighted in the following introductions are an overview of key staff's qualifications and experience. Please refer to full resumes in Appendix A for descriptions of these key projects as well as additional related experience, and Appendix B for proof of professional registrations, licenses, and certificates.

Robert Edgerton, AICP CEP | Contract Manager/Principal Planner

Mr. Edgerton draws upon his experience as both a project manager and a senior environmental planner to aid private companies, governmental agencies, and non-governmental organizations in the planning, entitlement, and permitting of land development and infrastructure improvement projects. Calling upon 25+ years of experience in the environmental and land use planning industry, his work focuses on CEQA and NEPA compliance, and he has successfully processed more than 200 environmental compliance documents such as EIRs, IS/MNDs, EIS, and EA. He has also prepared, consulted on, and processed federal, state, and local permits in support of projects with the U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Service (USFWS), Bureau of Land Management (BLM), State and Regional Water Quality Control Boards, and CDFW.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- East Line Street Bridge Replacement, Bishop
- Spruce, Hanby, and Yaney Sidewalk Improvements, Bishop
- Tuolumne County Broadband EIR/EA
- Inyo County Vacant Lands Inventory EIR
- Inyo County Renewable Energy General Plan Amendment and Program EIR

CERTIFICATIONS

- American Institute of Certified Planners (AICP), Certified Planner No. 159640

EDUCATION

- M.S., Environmental Sciences, Colorado State University, 1999
- B.S., Natural Resource Management, San Diego State University, 1990

Lesley Owning | Principal Planner

Ms. Owning is a Principal Planner with twelve years of experience in the provision of all types of CEQA/NEPA documentation for a variety of project types including residential, commercial, mixed-use and other land development; parks and recreation; transportation; infrastructure improvement; and renewable energy. Ms. Owning also develops CEQA review and strategy plans for clients early on in the project planning phase and prepares project site constraints analyses. Ms. Owning has managed controversial land development projects and provided public agency support through project appeal hearings. She has led response to comments for projects that have generated hundreds of public comments and maintained thorough administrative records for projects that are anticipated to face legal challenges. Ms. Owning stays abreast of recent CEQA case law and changes to the State CEQA Guidelines and requirements through on-going education and participation in professional environmental planning groups and conferences.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- Inyo County Vacant Lands Inventory EIR
- Tuolumne County Broadband EIR/EA
- Ebbetts Pass New Fire Station 3, Calaveras County
- Angels Camp Sewer Line Collection System Improvement & Replacement

EDUCATION

- B.S., Environmental Economics & Policy; Minor-City and Regional Planning, University of California, Berkeley, 2013

Erin Gustafson, AICP | Senior Environmental Planner

Ms. Gustafson has ten years of environmental planning experience assisting clients in successful completion of the environmental review process. She is skilled in preparing IS/MNDs and EIRs under CEQA, and EAs and EISs under NEPA. She has assisted clients with managing responses to public comments and preparing administrative records for complex and high-profile projects throughout the state of California. Through experience working on residential and commercial, water, transportation, renewable energy, and other land use development projects, Ms. Gustafson has coordinated multidisciplinary teams, worked closely with staff from public agencies, and integrated input from a variety of stakeholders in order to successfully complete the environmental review process.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- Inyo County Vacant Lands Inventory EIR
- Scarlet Solar Environmental Compliance, Fresno County
- Fifth Standard Solar Environmental Compliance, Fresno County

CERTIFICATIONS

- AICP, Certified Planner No. 31817

EDUCATION

- B.A., Urban Studies and Planning, Minors: Economics and Environmental Studies, University of California, San Diego, 2013

Julia Pano | Environmental Planner

Ms. Pano is an Environmental Planner with experience preparing CEQA compliance documents, including ISs, MNDs, and Addendums for a variety of project types including residential, commercial, and other land development; infrastructure improvement; renewable energy; and other planning and public works projects. She provides extension of staff services to multiple counties throughout Northern California by conducting permit and project application intake reviews for completeness. She conducts research, prepares impact analyses for various environmental resource issue areas, performs site reconnaissance surveys, and summarizes technical reports prepared by technical specialists in support of CEQA documents. With an educational background in environmental compliance and conservation, Ms. Pano supports tasks related to environmental compliance and reporting to various public agencies.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- East Line Street Bridge Replacement, Bishop
- Inyo County Vacant Lands Inventory EIR
- Ebbetts Pass New Fire Station 3, Calaveras County
- Copper Cove Water System Improvements, Calaveras County
- City of Angels Camp Sewer Line Collection System Improvement & Replacement

EDUCATION

- B.S., Environmental Science and Management, University of California, Davis, 2021

Patrick Martin | Senior Scientist

Mr. Martin has 17 years of professional biological experience performing surveys for sensitive biological resources in California. He has extensive experience conducting biological surveys, worker environmental awareness program training, and construction monitoring for the development of gas and electric transmission and distribution, wind power, oil development, bridge replacement, and other infrastructure projects. He has routinely conducted reconnaissance-level and targeted biological surveys for plants and animals; implemented minimization and avoidance measures as a senior field monitor; prepared technical reports and CEQA/NEPA sections for biological resources; prepared biological assessments, mapped vegetation communities and wetlands, and facilitated Endangered Species Act consultations.

KEY PROJECTS

- Eastern Sierra Council of Governments/ Buttermilk Recreation Plan Biological Constraints Assessment
- Copper Cove Water System Improvements, Calaveras County
- City of Angels Camp Sewer Line Collection System Improvement and Replacement

PERMITS

- USFWS Endangered Species Act Section 10(a)(1)(A) Permit for California red-legged frog and California tiger salamander, No. ES-778195-15

EDUCATION

- B.S., Ecology and Evolution, minor in Earth Science, University of California, Santa Cruz, 2005

Marisa Brilts | Biologist/Arborist

Ms. Brilts is a Biologist and International Society of Arboriculture (ISA) certified Arborist with nine years of professional experience performing surveys for sensitive biological resources in California. She conducts targeted biological surveys for plants and wildlife, maps vegetation communities and wetlands, and prepares biological assessments and technical reports. Her skills include conducting biological surveys; worker environmental awareness program training; and construction monitoring for residential developments, cellular towers, and other infrastructure projects. Ms. Brilts has experience with several special-status species, including vernal pool fairy shrimp, vernal pool tadpole shrimp, western spadefoot toad, California red-legged frog, Swainson's hawk, burrowing owl, white-tailed kite, western pond turtle, golden eagle, and tricolored blackbird. She has conducted protocol-level surveys for special-status vernal pool invertebrate species, burrowing owl, Swainson's hawk, and tricolored blackbird.

KEY PROJECTS

- Caltrans Highway 9, 17, 29, 35 Emergency Hazard Tree Assessment
- Mitchell Village Oak Tree Mitigation and Oak Woodland Restoration, Citrus Heights
- Blacker Canal Bank Stabilization Arborist Report, Yolo County

CERTIFICATIONS AND PERMITS

- USFW Endangered Species Act Section 10(a)(1)(A) Permit for Listed Large Branchiopod, No. ES-778195-15
- CDFW Scientific Collecting Permit, Specific Use, No. S-190450001-20119-001
- ISA Certified Arborist, No. WE-13338A
- ISA Tree Risk Assessment Qualification

EDUCATION

- B.S., Environmental Studies, California State University, Sacramento, 2013

Clarus Backes, RPA | Senior Cultural Resources Project Manager

Mr. Backes is an Archaeologist and Senior Cultural Resources Project Manager with 25 years of professional experience throughout California and the western Great Basin. He has conducted and supervised numerous projects in support of compliance with Sections 106 and 110 of the NHPA, CEQA and NEPA. He is also well versed in criteria for California Register of Historical Resources (CRHR) and NRHP evaluations. He has participated in a wide range of projects involving archaeological survey, testing, data recovery, monitoring, laboratory analysis, and the development of mitigation and treatment plans, and has 20 years of experience in a decision-making capacity on cultural resources projects in California. Mr. Backes meets the U.S. Secretary of the Interior's Professional Qualifications Standards for prehistoric and historic archaeology.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- Angels Camp Sewer Line Collection System Improvement & Replacement
- Scarlet Solar Project, Fresno County
- Cedar Ridge Fuels Reduction Archaeological Support, Tuolumne County

REGISTRATIONS

- RPA No. 1673640
- BLM Statewide Cultural Resource Use Permit (California), Permit No. CA-21-28

EDUCATION

- M.A., Anthropology, California State University, Long Beach, 2009
- B.A., Anthropology, California State University, Los Angeles, 2004

Ben Siegel, RPA | Cultural Resources Project Manager

Mr. Siegel is an archaeologist and cultural resource manager with 16 years of experience directing cultural resource management efforts across the United States. He regularly authors cultural resource assessments and reports associated with projects requiring compliance with Section 106 of the NHPA, NEPA, and CEQA. He has applicable experience in directing records searches, field surveys, site evaluations, data recovery efforts, and developing resource mitigation plans for large scale cultural resource efforts. Mr. Siegel is also experienced in the application of the CRHR and NRHP evaluation criteria to various cultural resources. He meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric archaeology, historic archaeology, and history and is a member of the Register of Professional Archaeologists.

KEY PROJECTS

- East Line Street Bridge Replacement, Bishop
- Tuolumne County Broadband EIR/EA
- Copper Cove Water System Improvements, Calaveras County
- Manzana Creek Restoration Pilot Project NEPA Categorical Exclusion, Los Padres National Forest

REGISTRATIONS

- RPA No. 989542

EDUCATION

- Doctor of Philosophy Candidate, Anthropology, University of California, Berkeley, 2023
- M.A., Anthropology, University of California, Berkeley, 2019
- M.A., Maritime Studies and Nautical Archaeology, East Carolina University, 2011
- M.A., American History, Emory University, 2007
- B.A., History, Cum Laude, Emory University, 2007

Nelson White | Senior Architectural Historian

Mr. White is a federally qualified professional in the fields of architectural history and historic preservation, with over 20 years of experience. His experience includes managing and conducting historical resource surveys and evaluations in compliance with CEQA and local ordinances. He has prepared numerous cultural resource studies that utilize federal, state, and local designation criteria for evaluating properties for eligibility as a historic resource for local consideration, for the purposes of CEQA and as a historic property under Section 106 of the NHPA. He works closely with clients and architects to preserve character-defining features of buildings. He is a frequent volunteer for the California Preservation Foundation and has twice served on its annual conference steering committee; he currently serves on its education committee. Mr. White exceeds the Secretary of the Interior's Standards in history and architectural history.

KEY PROJECTS

- Morgan Territory Road Bridges Replacement Cultural and Historical Reports, Contra Costa County
- Finks Road Bridge Project, Colusa County
- Former Fire Station No. 53 Historical Resource and Archeological Assessment, Los Angeles
- Monterey Airport Infield Rehabilitation Cultural Resources Study

EDUCATION

- M.S., Historic Preservation, School of the Art Institute of Chicago, 2006
- B.A., Architectural History and Urban Design, DePaul University, 1999

Martin Rolph | Technical Specialist – Air Quality/GHG/Energy

Mr. Rolph is an environmental specialist with five years of experience in air quality, greenhouse gas, and noise impact analysis for CEQA and NEPA compliance, and 15 years of engineering experience. He is proficient in the use of the California Emissions Estimator Model (CalEEMod), the Roadway Construction Model, AP-42 Emissions Factors, EMFAC and OFFROAD Emissions Inventory, and AERMOD/HARP2 health risk assessment tools and evaluating data and model results in accordance with CEQA Guidelines adopted by various air districts in northern California. Mr. Rolph is also proficient in the use of the Computer Aided Noise Abatement (CadnaA) outdoor noise model, the Federal Highway Administration (FHWA) Highway Traffic Noise Model (TNM), the FHWA Roadway Construction Noise Model (RCNM), and the application of other numerical techniques and methods for evaluating and mitigating noise impacts from stationary sources. Mr. Rolph brings his extensive engineering experience to the profession of environmental planning, including mathematical modeling and analysis of systems, preparation of technical documentation, and regulatory compliance analysis.

KEY PROJECTS

- Bishop Downtown Specific Plan and Mixed-Use Zoning Code Update EIR
- Angels Camp Sewer Line Collection System Improvement & Replacement
- Tuolumne County Broadband EIR/EA

EDUCATION

- B.S., Mechanical Engineering, University of California, Davis, 1991

Scott Redding, PLA | Principal Landscape Architect

Mr. Redding has 25 years of experience working on public and private projects with a focus on parks and recreation facilities, civic and institutional facilities, educational facilities, master planned communities, and commercial properties. His roles have included project management, conceptual design, construction documentation, bid support services, and construction administration. In support of public projects, he has led the community and stakeholder outreach efforts through facilitating meetings, workshops, open houses, focus groups, and pop-up events both virtually and in-person to elicit feedback, communicate project updates, and inform the public. Mr. Redding practices sustainable landscape architecture and enjoys working with communities and stakeholders to improve and enhance the quality of public spaces, and to build healthy, vibrant, and resilient communities.

KEY PROJECTS

- Carson Creek Preserve Landscape Restoration, El Dorado County
- Silva Valley Interchange Phase 1 Landscape Revegetation, El Dorado County
- Saddleback Meadows Mitigation Landscape Plans, Orange County
- Daley Ranch Conservation Area Restoration Plan, Escondido

REGISTRATIONS

- Professional Landscape Architect, CA No. 4874

EDUCATION

- BLA, University of Guelph, Ontario, Canada, 1999

Claire Watkins | Restoration Specialist

Ms. Watkins is a Restoration Specialist helping to manage a variety of vegetation reduction and habitat restoration projects throughout northern California. She has experience with all aspects of project implementation including planning, coordinating with multiple stakeholders, and overseeing project construction. She has been involved with a variety of habitat restoration projects including propagating sensitive species, removing exotic and invasive species, oak tree mitigation and oak woodland restoration, floodplain restoration, vernal pool remediation, and thatch and brush removal for fuel management efforts for both public and private clients. She holds an educational background in environmental science with past work experience in project management and non-profit land conservation, offering a well-rounded component to habitat restoration services.

KEY PROJECTS

- Shin-Kee Preserve Maintenance, San Joaquin County
- Twelve Bridges 8 Open Space Restoration, Lincoln
- Oak Tree Mitigation for Mariposa Creek Subdivision, Citrus Heights
- Hidden Ridge Oak Tree Mitigation

EDUCATION

- B.S., Environmental Science, Oregon State University, 2019

APPENDIX A

Key Staff Resumes

EDUCATION

Master of Science, Environmental Sciences, Colorado State University, 1999

Bachelor of Science, Natural Resource Management, San Diego State University, 1990

CERTIFICATIONS

American Institute of Certified Planners, Certified Planner No. 159640

Tuolumne County Approved Consultant

PROFESSIONAL AFFILIATIONS

Association of Environmental Professionals

American Planning Association

ROBERT EDGERTON, AICP CEP

Principal Planner

Mr. Edgerton draws upon his experience as both a project manager and a senior environmental planner to aid private companies, governmental agencies, and non-governmental organizations in the planning, entitlement, and permitting of land development and infrastructure improvement projects. Calling upon 29 years of experience in the environmental and land use planning industry, he has prepared, consulted on, and processed federal, state, and local permits in support of projects with the U.S. Army Corps of Engineers (USACE), U.S. Fish and Wildlife Services (USFWS), Bureau of Land Management (BLM), State and Regional Water Quality Control Board, and California Department of Fish and Wildlife (CDFW). Mr. Edgerton has worked both in the U.S. and abroad, and his project management skills are enhanced by his knowledge and use of Geographic Information Systems (GIS) for data analysis and presentation purposes, as well as principles and techniques of biological restoration. His work also focuses on California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance, and he has successfully processed more than 200 environmental compliance documents such as Environmental Impact Reports/Statements (EIR/EIS), Initial Study/Mitigated Negative Declaration (IS/MND), Environmental Assessments (EA). Mr. Edgerton is an accredited member of the American Institute of Certified Planners (AICP) with an advanced Certificate in Environmental Planning (CEP) accreditation.

Downtown Bishop Specific Plan & Mixed-Use Overlay and Environmental Impact Report (2021 - 2022). Principal Planner for preparation of an EIR supporting proposed redevelopment of downtown Bishop through implementation of a Specific Plan and mixed-use overlay. The primary purpose of the proposed project is to increase housing opportunities and density in the City's inner core while improving walkability, alternative transportation modes, and pedestrian amenities. The project and EIR were unanimously approved in December 2022. Work performed for the City of Bishop in partnership with Alta Planning + Design.

East Line Street Bridge Replacement (2023). Principal Planner for preparation of an IS/MND supporting the proposed bridge replacement over Bishop Creek. Directed preparation of various field surveys/investigations, including a cultural resources assessment, tribal consultation support services on behalf of the City, a biological resource evaluation and an aquatic resource delineation. Regulatory permit applications will be prepared and processed with various state/federal agencies. Work performed for the City of Bishop in partnership with Lumos and Associates.

Spruce, Hanby, and Yaney Sidewalk Improvements (2016 - 2018). Principal Planner for a sidewalk improvement project in the City of Bishop. The project will increase pedestrian and bicycle safety by creating new sidewalks and Class Two Bike lanes in and around City Park. Work performed for Triad Holmes Associates with the City of Bishop as the project owner and lead agency.

SR-203 Sidewalk Improvements (N. Main Street and W. Minaret Road) (2015 - 2018). Project Manager providing environmental support to the Town of Mammoth Lakes (with oversight from Caltrans District 9) to prepare stand-alone categorical exemptions/categorical exclusions (CE/CE) for two segments of the SR 203 sidewalk improvements project. Successfully completed preparation and processing of the CE/CEs, and conducted much of the supporting information presented in the documents (including biological resources information/analysis and hazardous materials review). Work performed as a subconsultant to Triad Holmes Associates, with the Town of Mammoth Lakes as the lead agency.

Groveland Community Services District Municipal Services Review and Sphere of Influence Update (2020 - 2022). Project Manager leading preparation of a Municipal Service Review (MSR) and Sphere of Influence (SOI) update for the Groveland Community Services District (GCSD) on behalf of the Tuolumne County LAFCo. The MSR/SOI Update includes an assessment of several special study areas, including two recently proposed residential subdivisions and an existing lighting district, that are seeking annexation into the GCSD. The LAFCo will consider the special study areas for potential future incorporation into the GCSD at the time of MSR/SOI Update review and approval. Work performed for Tuolumne County.

Tuolumne County Broadband EIR/EA (2023). Project Manager for preparation of a programmatic CEQA EIR and NEPA EA to assess the potential environmental impacts that may result from the development of broadband infrastructure in the County of Tuolumne. Oversaw preparation of the the EIR/EA and technical studies for air quality/greenhouse gas emissions, biological resources, cultural resources, and noise, as well as formal tribal consultation under CEQA. Work performed for Tuolumne County.

Inyo County Renewable Energy General Plan Amendment and PEIR (2013 - 2015). Project Manager assisting with preparation of a General Plan Amendment and Programmatic EIR (PEIR) to address State-mandated renewable energy demands and utility-scale renewable energy projects within the footprint of Inyo County. Responsible for the oversight of several subconsultants performing various technical analyses (such as a transmission corridor constraints assessment), preparation of a PEIR, and management of a proactive public involvement campaign. Nearly all technical environmental disciplines (e.g., air quality, biological resources, socioeconomic impacts, etc.) will be prepared using HELIX in-house resource experts with support from specialist sub-contractors. Primary issues of concern to County residents include the siting and placement of transmission lines, power delivery facilities, and solar/wind renewable energy infrastructure. HELIX is coordinating all actions directly with the County and County residents, California Energy Commission (CEC), CPUC, local Tribal governments, Los Angeles Department of Water and Power (LADWP), and applicable federal and state public resource agencies. Work performed for Inyo County from a grant administered by the CEC.

Inyo County Vacant Lands Inventory EIR (2020 - 2023). Principal Planner for preparation of an EIR and oversight of biological and cultural resources technical studies for a vacant lands inventory and zoning review of properties located throughout Inyo County. This information will be used to identify land that might be appropriate for zone changes to promote housing opportunities primarily by increasing the allowable residential density. The review will consider increasing the amount of multi-family zoning in the County, lowering some of the minimum lot size requirements, and adding zoning areas with principal permitting for mobile home parks. The review of the County's current zoning will also focus on commercial zones for opportunities for residential infill development. Areas near public transportation and other services will be considered prime, but due to the County's rural nature, other properties located in remote communities without these services might also be identified for zone changes. A primary component of this work includes public outreach meetings and communication with property owners. The project is funded through a grant provided by the California Department of Housing and Community Department. Work performed for Inyo County Planning Department.

EDUCATION

Bachelor of Science, Environmental Economics & Policy; Minor-City and Regional Planning, University of California, Berkeley, 2013

Geographic Information System Certified, San Francisco State University, 2015

PROFESSIONAL AFFILIATIONS

Association of Environmental Professionals

LESLEY OWNING

Principal Planner

Ms. Owning is an Environmental Planning Group Manager and Principal Planner with twelve years of experience in the provision of all types of California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documentation for a variety of project types including restoration; parks and recreation; transportation; infrastructure improvement; renewable energy; residential, commercial, and other land development; and cannabis cultivation, operation, and processing facilities. Ms. Owning also develops CEQA review and strategy plans for private and public clients early on in the project planning phase and prepares project site constraints analyses. Ms. Owning also manages numerous on-call contracts for cities and counties in Northern California and provides peer review support services. Ms. Owning has managed controversial land development projects and provided public agency support through project appeal hearings. She has led response to comments for projects that have generated hundreds of public comments and maintained thorough administrative records for projects that are anticipated to face legal challenges. Ms. Owning stays abreast of recent CEQA case law and changes to the State CEQA Guidelines and requirements through on-going education and participation in professional environmental planning groups and conferences.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay EIR (2021 - 2022). Senior Environmental Planner for the preparation of a Program EIR analyzing environmental impacts associated with the adoption of the Downtown Bishop Specific Plan and Mixed-Use Overlay. Responsible for the preparation of the project description, objectives, and alternatives as well as the visual impact, transportation, land use and planning, and population and housing analyses. The Downtown Specific Plan & Mixed-Use Overlay Project received the 2023 Excellence and Achievement in Planning – Comprehensive Planning Award of Excellence (Small Jurisdiction) from American Planning Association (APA) California Chapter – Central Section and subsequently received the 2023 Award of Excellence – Housing Department by the APA California Chapter. Work performed for the City of Bishop as the CEQA lead agency.

Inyo County Vacant Lands Inventory EIR (2021 - 2023). Deputy Project Manager for the preparation of an EIR analyzing the rezoning of vacant lands to promote housing opportunities in Inyo County. Project is funded through a Senate Bill 2 Planning Grant and intended to implement a process to streamline housing approvals by allowing housing development by right on the parcels identified. Responsible for the development of the project description, various resource sections, and project alternatives analysis in close coordination with County staff. Other responsibilities include internal management of the preparation of the EIR and schedule tracking.

Ebbetts Pass New Fire Station No. 3 (2023 - 2024). Principal Planner overseeing the preparation of a NEPA Decision Memorandum, Botanical and Wildlife Biological Assessment/Biological Evaluation, and Cultural Resources Assessment in close coordination with the USFS for the development of a new fire station on National Forest System lands in the Stanislaus National Forest in Calaveras County. Role includes coordinating closely with the Ebbetts Pass Fire District Chief to develop the project description, managing the multi-disciplinary project team, and conducting senior review of all project deliverables. Work is being performed for Ebbetts Pass Fire District in close coordination with USFS.

Tuolumne County Broadband EIR/EA (2023 - 2024). Principal Planner providing Senior QA/QC for a programmatic CEQA EIR and NEPA EA to assess the potential environmental impacts that may result from the development of broadband infrastructure in the County of Tuolumne. The majority of future broadband infrastructure would be installed within the approximately 610 miles of existing County-maintained roads and rights-of-way, public utility easements, or existing overhead public utility easements of record throughout the County. The EIR/EA will achieve compliance with CEQA and NEPA, such that entities can take advantage of current and future funding for broadband infrastructure provision, expected to be available through the California Emerging Technology Fund (CETF) and other federal and state funding sources. Work performed for Tuolumne County.

Angels Camp Sewer Line Collection System Improvement & Replacement (2019 - 2020). Project Manager for preparation of an IS/MND and supporting biological resources, cultural resources, air quality/GHG/odor, and noise/vibration technical studies for a sewer line replacement project. The City is replacing and upsizing approximately 6,012 linear feet of deteriorating sewer line to allow the City's wastewater treatment plant to operate at full capacity, thereby preventing wastewater spills into Angels Creek. Project was approved unanimously by City Council in April 2020. Following City receipt of additional funding, responsibilities included overseeing the preparation of an aquatic resources delineation report and 1602 Streambed Alteration Agreement from CDFW as the project will remove an existing pipe crossing and introduce a new pipe crossing over a tributary to Angels Creek. Work performed for the City of Angels Camp.

Harney Lane Bridge Scour Mitigation Across Paddy Creek IS/MND and Biology Permitting (2023 - 2024). Project Manager for environmental documentation for replacement of the current in-stream scour protection, which consists of quarry rocks and non-engineered rip-rap that have become eroded over time. The current scour mitigation was put in place by County maintenance crews to protect the bents and the banks at the abutments until proposed project improvements could be installed. Due to channel degradation over time, the top of the west abutment footing has become exposed, and there has been approximately three feet of channel degradation in the thalweg and around the bents. Managed all contracted tasks including the preparation of an Aquatic Resources Delineation, Air Quality/Greenhouse Gas Emissions Letter Report, and CEQA IS/MND; Assembly Bill 52 consultation support; regulatory permitting for a Section 404 Nationwide 14 Permit, Section 401 Water Quality Certification, and CDFW Section 1602 Streambed Alteration Agreement; as well as biological monitoring. Work performed for the County of San Joaquin Public Works Department.

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project (2022 - 2023). Senior Environmental Planner for the preparation of a CEQA Compliance Review and Strategy Memorandum for the Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project. Reviewed engineering documents and relevant plans including the City of Modesto Wastewater Master Plan DEIR and the General Plan Master EIR. Senior Advisor for the preparation of an IS/MND and supporting technical studies. The project includes the construction of five managed aquifer recharge (MAR) basins within the City of Modesto that are intended to support the replenishment of groundwater supplies with clean water to address groundwater quality issues associated with arsenic, uranium, and nitrates. Work was being performed as a subconsultant to Trihydro Corporation in close coordination with the City of Modesto as the lead agency.

EDUCATION
Bachelor of Arts, Urban Studies and Planning, Minors: Economics and Environmental Studies, University of California, San Diego, 2013

CERTIFICATIONS
American Institute of Certified Planners, Certification No. 31817

PROFESSIONAL AFFILIATIONS
Association of Environmental Professionals

American Planning Association

ERIN GUSTAFSON, AICP

Environmental Project Manager II

Ms. Gustafson has ten years of environmental planning experience assisting clients in successful completion of the environmental review process. She is skilled in preparing Initial Studies/Mitigated Negative Declarations (IS/MNDs) and Environmental Impact Reports (EIRs) under the California Environmental Quality Act (CEQA), and Environmental Assessments (EAs) and Environmental Impact Studies (EISs) under the National Environmental Policy Act (NEPA). She has assisted clients with managing responses to public comments and preparing administrative records for complex and high-profile projects throughout the state of California. Through experience working on residential and commercial, water, transportation, cannabis, renewable energy, and other land use development projects, Ms. Gustafson has coordinated multidisciplinary teams, worked closely with staff from public agencies, and integrated input from a variety of stakeholders in order to successfully complete the environmental review process.

Downtown Bishop Specific Plan & Mixed-Use Overlay and Environmental Impact Report (2021 - 2022). Assistant Project Manager for the preparation of an EIR for a Specific Plan and Mixed-Use Zoning Overlay in the City of Bishop. Developed project description and evaluated potential impacts under CEQA to a number of resource areas including population and housing, land use, aesthetics, and utilities. Work performed for Alta Planning + Design, Inc. with the City of Bishop as the project owner.

Inyo County Vacant Lands Inventory EIR (2020 - 2022). Environmental Planner for the preparation of an EIR analyzing the rezoning of vacant lands to promote housing opportunities in Inyo County. Analyzed potential environmental impacts under CEQA for a number of resource areas including land use, population and housing, utilities and service systems and wrote associated sections of the EIR. Work performed for Inyo County.

Fifth Standard Solar Environmental Compliance (2022 - 2023). Project Manager for environmental compliance monitoring during construction of a 1,600 acre solar generation facility in Fresno County. Coordinated with on-site monitors, developers, and the County to ensure compliance with the project's mitigation monitoring and reporting plan (MMRP). Work performed for the County of Fresno.

Scarlet Solar Third Party Environmental Compliance (2022 - 2023). Project Manager for environmental compliance monitoring during construction of a 4,000 acre solar generation facility in Fresno County. Coordinated with on-site monitors, developers, and the County to ensure compliance with the project's mitigation monitoring and reporting plan (MMRP). Work performed for the County of Fresno.

Slate Solar Power Development (2020 - 2022). Environmental Planner providing environmental compliance support services for a solar power development project in

King County. Assisted with the preparation of a Cultural Resources Documentation Report documenting historic levees adjacent to the project site. Work performed for Recurrent Energy LLC.

West Hanford Cell Tower (2020 - 2021). Project Manager for the preparation of an Initial Study (IS) for the development of a 100-ft monopole cellular tower located in Kings County near the City of Hanford. Managed the preparation of an IS evaluating potential environmental effects under CEQA and associated technical studies. Work performed for SAC Wireless with Kings County as the Lead Agency.

Twilight Ride Parking Area at Hidden Falls Regional Park (2022 - 2023). Lead CEQA Planner for the preparation of an Addendum to the Hidden Falls Regional Park Trails Expansion Subsequent EIR evaluating the realignment of 2.6 miles of proposed trails within the park. Managed the preparation of an Addendum to the Subsequent EIR and evaluated potential environmental impacts of the trail realignment under CEQA. Work performed for the Place County.

Aramis Solar Energy Generation and Storage Project EIR (2020). Deputy Project Manager for the preparation of an EIR for a 410-acre industrial solar energy generation and storage facility in Livermore. Managed the response to public comments on the Draft EIR. Assisted in the preparation of the Final EIR, including updates to the document in response to public comment. Work performed for Intersect Power, with the County of Alameda as the CEQA lead agency.

Folsom Boulevard Waterline Replacement and Rehabilitation (2021). Environmental Planner for the preparation of a Categorical Exemption for a waterline replacement and rehabilitation project in the City of Folsom. Performed a due diligence assessment for each of the fourteen sites included as part of the project to assess the potential presence of regulated or protected resources that would exclude the project form being processed under the Categorical Exemption statute of CEQA. Work performed for WaterWorks Engineers, Inc. with the City of Folsom as the lead agency.

Mountain Townhomes Affordable Housing (2022 - 2023). Project Manager for the preparation of an Initial Study (IS) for the development of a 25-unit affordable housing development located in the City of Mount Shasta. Managed the preparation of an IS evaluating potential environmental effects under CEQA and associated technical studies. Key issue areas included biological resources, noise, and aesthetics. Responded to over 51 comment letters received during the public review period. Consulted with the applicant and City regarding CEQA processes. Work performed for the DANCO Group with the City of Mount Shasta as the Lead Agency.

Mowry Village Residential Development (2021 - 2022). Environmental Planner for the preparation of an Administrative Draft EIR for a low-density residential development project on an approximately 29-acre site in Newark, Alameda County. The project includes demolition of an existing Pick-n-Pull auto scrap yard and development of a low-density residential project. Key environmental issues include hazards and hazardous materials, biological resources, cultural resources, and land use. Evaluated potential impacts under CEQA to hydrology and water quality, land use, population and housing, recreation, and utilities and service systems. Work performed for Integral Communities with the City of Newark as the lead agency.

Learn and Play Montessori School Project (2021). Assistant Project Manager for the preparation of technical reports evaluating the potential development of a preschool in Union City, Alameda County. Coordinated with technical specialists, subconsultants, and the City of Union City for the preparation and development of a cultural resources review and historic building assessment report, a traffic study, a biological resources evaluation, and an arborist report. Work performed for the City of Union City.

EDUCATION
Bachelor of Science, Environmental Science and Management, University of California, Davis, 2021

PROFESSIONAL AFFILIATIONS
Association of Environmental Professionals

JULIA PANO

Environmental Planner III

Ms. Pano is an Environmental Planner with experience preparing California Environmental Quality Act (CEQA) compliance documents, including Initial Studies (ISs), Mitigated Negative Declarations (MNDs), and Addendums for a variety of project types including, but not limited to, cannabis cultivation, operation, and processing facilities; residential, commercial, and other land development; infrastructure improvement; renewable energy; and other planning and public works projects. She provides extension of staff services to multiple counties throughout Northern California by conducting permit and project application intake reviews for completeness. She conducts research, prepares impact analyses for various environmental resource issue areas, performs site reconnaissance surveys, and summarizes technical reports prepared by technical specialists in support of CEQA documents. With an educational background in environmental compliance and conservation, Ms. Pano supports tasks related to environmental compliance and reporting to various public agencies.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay EIR (2022). Environmental Planner for the Downtown Bishop Specific Plan and Mixed-Use Overlay Project in the City of Bishop. Prepared the Findings of Fact and Statement of Overriding Considerations in support of the EIR. The project includes the establishment of a framework to guide the growth, function, and aesthetics of Bishop's city center while maintaining its distinct small-town character and creating a vibrant pedestrian-friendly environment. Work performed for the City of Bishop who also serves as the lead agency.

East Line Street Bridge Replacement (2023 - 2024). Environmental Planner for the preparation of an IS/MND for East Line Street Bride Replacement Project in the City of Bishop, Inyo County. Peer-reviewed applicant-provided project information and led the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA guidelines. The project involves the replacement of the existing East Line Street Bridge with reinforced concrete box culvert sections. The project also involves the improvement of pedestrian safety through installation of sidewalks, barrier rails, pedestrian crossings, pedestrian refuge islands, traffic signage, and/or speeds bumps. Work performed for City of Bishop who also serves as the lead agency.

Inyo County Vacant Lands Inventory EIR (2022 - 2023). Environmental Planner for the Vacant Lands Inventory and Zoning Evaluation for Possible Housing Opportunities Project in Inyo County. Prepared the Executive Summary and the Mitigation Monitoring and Reporting Program in support of the EIR and responded to comment letters on the EIR. The project includes the amendment of the General Plan land use designation and zoning for eight vacant parcels throughout the County to promote increased housing opportunities. Work performed for Inyo County who also serves as the lead agency.

Copper Cove Water System Improvements (2022 - 2023). Environmental Planner for the preparation of an Addendum and three Categorical Exemptions for Phases 1, 2, and 3 of the Copper Cove Water System Improvements Project in Calaveras County. Portions of Phases 1, 2, and 3 were originally evaluated pursuant to CEQA in the 2006 Copper Cove Water Transmission Pipeline and Booster Pump Station IS/MND (2006 IS/MND). Prepared an Addendum, tiering off the 2006 IS/MND, that included a summary of the project improvements from the 2006 IS/MND and a summary of the project improvements from the proposed project. Portions of Phases 1, 2, and 3 include the replacement or rehabilitation of existing water tanks, a booster pump station, and transmission lines and are categorically exempt from CEQA under Sections 15301, 15302, and 15304 of the CEQA Guidelines. Prepared a Notice of Exemption and drafted supporting documentation that included a project description and a summary of the results of technical studies prepared by HELIX. Worked performed for Peterson Brustad with the Calaveras County Water District as the lead agency.

City of Angels Camp Sewer Line Collection System Improvement & Replacement (2021 - 2022). Environmental Planner for the Phase 1 Sewer Line Replacement Project in the City of Angels Camp. Revised the project description for the proposed upsizing and/or replacement of deteriorating sewer line in the City of Angels Camp. Work performed for the City of Angles Camp.

Pioneer Trail Pipeline and Pump Station CEQA and Environmental Review (2021 - 2022). Environmental Planner for the preparation of an IS/MND for the Pioneer Trail Pipeline and Pump Station Project in the Town of Truckee. Led the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA guidelines. The project includes construction of a 1.7-mile-long pipeline alignment and a pump station located within the Tahoe Donner Subdivision. Work performed for the Truckee Donner Public Utility District who also serves as the lead agency.

Tuolumne County Broadband EIR/EA (2023 - 2024). Environmental Planner for the preparation of a programmatic Environmental Impact Report and Environmental Assessment for County of Tuolumne Broadband Infrastructure Program in Tuolumne County. Peer-reviewed applicant-provided project information and led the preparation of the project description, project alternatives, and impact analysis for all resource sections of the EIR in compliance with Appendix G of the State CEQA guidelines. Led the preparation of the Environmental Assessment in compliance with NEPA guidelines. The Countywide program proposes to expand access to broadband technology throughout the County. Work performed for Tuolumne County who also serves as the CEQA lead agency. The National Telecommunications and Communications Service (NTIA) under the Department of Commerce serves as the NEPA lead agency. Work performed for Tuolumne County.

Ebbetts Pass New Fire Station 3 Environmental Consulting (2023 - 2024). Assistant Project Manager and Environmental Planner for the preparation of a NEPA Decision Memorandum for the Ebbett's Pass Fire District in the Stanislaus National Forest in Calaveras County. Coordinated with the client and the U.S. Forest Service to determine a project footprint. Peer-reviewed applicant-provided project information and assisted in the preparation of an introduction, purpose and need, and proposed action in the Decision Memo. The project would construct a new fire station building, employee parking area, and an annex storage area. Work performed for the Ebbett's Pass Fire District, with the U.S. Forest Service as the federal lead agency.

City of Modesto Municipal Groundwater Supply Contamination Prevention and Cleanup Project (2022 - 2023). Environmental Planner for the preparation of a CEQA Compliance Review and Strategy Memorandum. Reviewed engineering documents and relevant plans including the City of Modesto Wastewater Master Plan DEIR and the General Plan Master EIR. Drafted Potential Project Objectives, as well as five potential Project Alternatives for the future potential preparation of an IS/MND or EIR. Prepared subsequent IS/MND. Leading the preparation of the project description and impact analysis for all resource sections of the IS/MND in compliance with Appendix G of the State CEQA Guidelines. The project includes the construction of five managed aquifer recharge basins within the City of Modesto. Work is being performed for Trihydro Corporation as well as the City of Modesto, who also serves as the lead agency.

EDUCATION

Bachelor of Science, Ecology and Evolution, minor in Earth Science, University of California, Santa Cruz, 2005

CERTIFICATIONS

USFWS Endangered Species Act Section 10(a)(1)(A) Permit for California red-legged frog and California tiger salamander, No. ES-778195-15

Yolo Habitat Conservation Plan/ Natural Community Conservation Plan Approved Biologist

East Contra Costa County Habitat Conservation Plan/ Natural Community Conservation Plan Approved Biologist

Nevada County Approved Biologist

PROFESSIONAL AFFILIATIONS

North American Field Herping Association

PATRICK MARTIN

Senior Scientist I

Mr. Martin has 17 years of professional biological experience performing surveys for sensitive biological resources in California. He has extensive experience conducting biological surveys, worker environmental awareness program (WEAP) training, and construction monitoring for the development of gas and electric transmission and distribution, wind power, oil development, bridge replacement, and other infrastructure projects. He has routinely conducted reconnaissance-level and targeted biological surveys for plants and animals; implemented minimization and avoidance measures as a senior field monitor; prepared technical reports and California Environmental Quality Act/National Environmental Policy Act (CEQA/NEPA) sections for biological resources; prepared biological assessments, mapped vegetation communities and wetlands, and facilitated Endangered Species Act consultations. In addition, he is skilled in the use of Global Positioning System (GPS) devices and associated software, four-wheel drive vehicle operation, and radio telemetry equipment, and he is adept at identifying plants, and wildlife in the field.

Mr. Martin has experience with several special-status species, including California tiger salamander (CTS), California red-legged frog (CRLF), California condor, arroyo toad, giant garter snake, desert tortoise, Mohave ground squirrel, Blainville's horned lizard, Swainson's hawk, burrowing owl, white-tailed kite, western pond turtle, golden eagle, bald eagle, desert woodrat, desert cymopterus, Ione buckwheat, and Ione Manzanita. He has completed over 500 hours of monitoring and surveying for desert tortoise, and he was previously approved to monitor for giant garter snake, Coachella Valley fringe-toed lizard, and CRLF. He has conducted protocol-level surveys for burrowing owl, Swainson's hawk, golden eagle, and bald eagle, and he has conducted monitoring for special-status invertebrate species, such as the Delhi Sands flower-loving fly, Kern primrose sphinx moth, and Casey's June beetle.

Eastern Sierra COG/Buttermilk Recreation Plan Biological Constraints Assessment (2023). Biologist for Biological Constraints Analysis for the Buttermilk Recreational Plan Area to identify potential constraints related to biological resources, including potential wetlands and other aquatic resources to avoid or minimize project impacts on sensitive and protected biological resources and future regulatory compliance. Conducted a reconnaissance survey of the 33,180-acre site which is dominated by native plants common to the eastern slopes of the Sierra Nevada and the Great Basin Desert in the Owens Valley. Work performed as a subconsultant to Alta Planning + Design with Eastern Sierra Council of Governments and project owner.

West Point Water Supply Drought Resiliency (2022). Biologist for preparation of a biological resource evaluation for the 17-acre West Point Regulating Reservoir Project for the Calaveras County Water District (CCWD). The biological study was prepared to support the CCWD's Hazard Mitigation Grant Program application to the California

Department of Emergency Services (Cal-OES) for proposed increase in reservoir capacity. Conducted a biological survey and prepared a biological resource evaluation, including California red-legged frog habitat assessment and aquatic resources delineation to support the grant application and future CEQA/NEPA documentation and regulatory permitting. Work performed for CCWD.

Slate Solar Biological & Technical Consulting Services (2018). Wildlife biologist that assisted with reporting and reviewed data to classify Swainson's hawk habitat for the 2,490-acre project site near the City of Lemoore, Kings County. The site is proposed for a solar photovoltaic generating and storage facility. Work performed for Recurrent Energy.

City of Angels Camp Sewer Line Collection System Improvement & Replacement (2020 - 2021). Biologist for biological resources technical report supporting a CEQA IS/MND and Streambed Alteration Agreement with CDFW for the City of Angels Camp's Sewer Line Collection System Improvements and Replacement Project. The City is replacing approximately 6,012 linear feet of deteriorating sewer line to allow the City's wastewater treatment plant to operate at full capacity, thereby preventing wastewater spills into Angels Creek. Conducted a biological reconnaissance survey, focused botanical survey, and jurisdictional delineation.

National Disaster Resilience Competition Fuel Breaks Project (2018 - 2020). Wildlife Biologist for fuel break expansion activities projects in Tuolumne County. The proposed project involves development of seven fuel breaks under the Forest and Watershed Health aspect of the Community and Watershed Resilience Program. The fuel breaks extend through public and private lands, including USFS and BLM lands. Work is being performed for the State of California Housing and Community Development.

Schaad Road over Forest Creek Bridge Replacement (2018 - 2020). Wildlife Biologist responsible for conducting visual encounter surveys for foothill yellow-legged frog and reporting for the proposed bridge removal project in Calaveras County. Work performed for T. Y. Lin International with Calaveras County as the lead agency.

El Dorado Trail Extension — Missouri Flat Road to the Town of El Dorado and Missouri Flat Road Bike/Pedestrian Overcrossing Project (2019). Biologist for pre-construction nesting bird survey as required by the mitigation measures in the CEQA IS/MND in support of the construction of an 8 foot-wide paved Class 1 multi-use trail, extending approximately 2.2 miles. Work performed for El Dorado County.

Hanks Exchange at Squaw Hollow Creek Bridge Replacement Project (2020). Biologist responsible for worker environmental awareness training and preconstruction surveys for nesting birds, roosting bats, foothill yellow-legged frog and western pond turtle pursuant to CDFW Lake and Streambed Agreement. Coordinated with project staff and conducted biological monitoring. Completed pre- and post- construction reporting. Work performed for the El Dorado County.

Silver Springs Parkway to Bass Lake Road (South Segment) (2020). Biologist for developing relocation plan for approval by CDFW and USFWS prior to dewater of a .69-acre pond associated with the extension of Silver Springs Parkway. Wrote plan for foothill yellow-legged frog and fish salvage. Work performed for El Dorado County.

Mosquito Road Bridge Replacement at the South Fork American River (2022 - 2023). Biologist for environmental compliance services relating to construction of Mosquito Road Bridge replacement at the South Fork American River. Conducted pre-construction nesting bird survey; conducted worker environmental awareness program training for willow flycatcher, foothill yellow-legged frog, western pond turtle, and Blainville's horned lizard; and provided biological monitoring during construction activities and tree removal. Work performed for El Dorado County.

EDUCATION

Bachelor of Science, Environmental Studies, California State University, Sacramento, 2013

CERTIFICATIONS

USFW Endangered Species Act 10(a)(1)(A) Permit for Listed Large Branchiopod, No. ES-778195-15

CDFW Scientific Collecting Permit, Specific Use, No. S-190450001-20119-001

International Society of Arboriculture Certified Arborist, No. WE-13338A

International Society of Arboriculture, Tree Risk Assessment Qualification

Yolo Habitat Conservation Plan/ Natural Community Conservation Plan Approved Biologist

East Contra Costa County Habitat Conservation Plan/ Natural Community Conservation Plan Approved Biologist

PROFESSIONAL AFFILIATIONS

Court Appointed Special Advocate (CASA)

California Native Plant Society, Sacramento Chapter

MARISA BRILTS

Biologist IV

Ms. Brilts is a Biologist and ISA-certified Arborist with nine years of professional experience performing surveys for sensitive biological resources in California. She conducts targeted biological surveys for plants and wildlife, maps vegetation communities and wetlands, and prepares biological assessments and technical reports. Her skills include conducting biological surveys; worker environmental awareness program training; and construction monitoring for residential developments, cellular towers, and other infrastructure projects. Ms. Brilts has experience with several special-status species, including vernal pool fairy shrimp, vernal pool tadpole shrimp, western spadefoot toad, California red-legged frog, Swainson's hawk, burrowing owl, white-tailed kite, western pond turtle, golden eagle, and tricolored blackbird. She has conducted protocol-level surveys for special-status vernal pool invertebrate species, burrowing owl, Swainson's hawk, and tricolored blackbird. In addition, she is skilled in the use of GPS devices and associated software, four-wheel-drive vehicle operation, and is adept at identifying plants and wildlife in the field.

Caltrans Highway 29 Emergency Hazard Tree Assessment (2023). Arborist to mark hazard trees for Caltrans along Highway 17 and 29 in Napa County before tree removal contractor begins. Trees damaged by storms, leaning over the road, and/or showing signs of defects will be marked by spray paint for removal or pruning to create safe passage for future live traffic. Work performed for Anvil Builders with Caltrans as the lead agency.

Caltrans Highway 9, 17, 35 Emergency Hazard Tree Assessment (2023). Arborist to conduct a reconnaissance assessment of failed or falling trees in Santa Clara County. Marked trees for removal or pruning for tree removal contractor. Work performed for Anvil Builders with Caltrans as the lead agency.

Mitchell Village Oak Tree Mitigation and Oak Woodland Restoration (2021 - 2024). ISA-certified arborist for the Mitchell Village residential development in the City of Citrus Heights. Work included conducting an initial tree inventory and preparing an arborist report for trees regulated by the City within the project footprint, and conducting tree risk assessments for tree trimming and removal of hazard trees on-site. Responsibilities includeed coordination with the client, Sunrise Parks and Recreation District, and the tree removal contractor. Also conducted mitigation tree health assessments for the project and prepared annual monitoring reports for the open space areas. Work performed for KB Homes.

Bell Woods (2020 - 2022). ISA-certified arborist for the Bell Woods and Bell Ranch residential developments located in El Dorado County. Work included conducting an initial tree survey and preparing an arborist report for trees regulated by El Dorado County within the project footprint. Technical reports provided for tree mitigation assessment to the County. Work performed for Lennar Communities.

Blacker Canal Bank Stabilization Arborist Report (2022). ISA-certified arborist that conducted a tree survey for a four-acre bank stabilization project in the City of West Sacramento, Yolo County. Surveyed all trees along existing canal and conducted health and structure assessments of trees along canal that were potentially subject to impact by bank stabilization activities and summarized in technical report. Work was conducted for Marcus Bole and Associates.

Alta Arden Car Wash Arborist Letter Report (2023). ISA-certified arborist providing services for the proposed Quick Quack Car Wash facility within unincorporated Sacramento County. Scope of services included tree survey and arborist letter reports to the County. Work performed for Quick Quack Car Wash.

Watt Avenue Apartments (2023). ISA-certified arborist for proposed sewer facility upgrades associated with the construction of a multi-family residential development located in the City of Sacramento. Responsibilities include conducting tree risk assessments and arborist recommendations through a technical report to the client and leading agency. Work performed for New Green Properties.

Highway 59 Monitoring (2019). (2017 - 2022). Biologist for the preserve located in Merced County. Conduct modified protocol-level surveys for vernal pool branchiopods and hydrological monitoring of the vernal pools. Work performed for Merced County Regional Waste Management Authority.

Victory Mine Oak Tree Impact Assessment (2023). ISA-certified arborist for a proposed Verizon telecommunications project that will tie into existing facilities. Scope of service included arborist tree assessment for mixed woodland and oak tree, pine, and cedar species inventoried. Responsibilities included preparing technical report for El Dorado County Planning Division. Work performed for Epic Wireless Group, LLC.

McBean Parkway Bridge Arborist Services (2021). ISA-certified arborist for an 11-acre bridge replacement project in the City of Lincoln, Placer County. Work included conducting a tree survey and preparing an arborist report for trees regulated by the City of Lincoln within the project footprint. Work performed for Quad Knopf.

Sonoma Broadway Farms Retreat Center Biological Reports (2022). Arborist for six acre project site in Sonoma County for proposed improvements to a retreat center. The tree inventory report was prepared according to the Sonoma County Tree Ordinance and used to prepare a tree permit application. Work performed for Gatti Construction with Sonoma County as the lead agency.

Saratoga Estates - Elliott Homes (2019). Biologist and Arborist for an approximately 122-acre residential development in the community of El Dorado Hills, El Dorado County. Environmental compliance surveys included wetland avoidance, nesting bird and western pond turtle surveys, tree assessment, elderberry assessment, and preparation and implementation of Worker Environmental Awareness Program training. Work performed for Elliott Homes with El Dorado County as lead agency.

Bercut Drive Arborist Monitoring (2022 - 2023). ISA-certified arborist providing tree assessment services for the River District Self Storage project to be located in the City of Sacramento. Scope of work includes tree risk assessment and arborist monitoring of Coastal redwoods, Canary Island pines, Western sycamore, and Valley oak trees within the project footprint. Work performed for TSD Engineering, Inc.

WellQuest Senior Living Granite Bay Arborist Assessment (2022). ISA-certified arborist responsible for tree surveys and arborist report for a proposed senior living facility in Granite Bay, Placer County. Conducted a tree inventory and prepared an arborist report for trees regulated by Placer County. Work conducted for WellQuest.

The Ranch Permitting Services (Jaeger 530) (2020 - 2021). Biologist for an approximately 530-acre project site in the City of Rancho Cordova, Sacramento County. Monitoring for western spadefoot toad within vernal pools and adjacent uplands. Work performed for K. Hovnanian Communities, Inc.

EDUCATION

Master of Arts, Anthropology, California State University, Long Beach, 2009

Bachelor of Arts, Anthropology, California State University, Los Angeles, 2004

REGISTRATIONS/ CERTIFICATIONS

Registered Professional Archaeologist, No. 1673640

Bureau of Land Management Statewide Cultural Resource Use Permit (California), Permit No. CA-21-28

PROFESSIONAL AFFILIATIONS

Society for California Archaeology

Society for American Archaeology

American Rock Art Research Association

National Association of Environmental Professionals

CLARUS BACKES, RPA

Senior Cultural Resources Project Manager II

Mr. Backes is an Archaeologist and Senior Cultural Resources Project Manager with 25 years of professional experience throughout California and the western Great Basin. He has conducted and supervised numerous projects in support of compliance with Sections 106 and 110 of the National Historic Preservation Act (NHPA), the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). He is also well versed in criteria for California Register of Historical Resources (CRHR) and National Register of Historic Places (NRHP) evaluations. He has participated in a wide range of projects involving archaeological survey, testing, data recovery, monitoring, laboratory analysis, and the development of mitigation and treatment plans, and has 20 years of experience in a decision-making capacity on cultural resources projects in California. Mr. Backes is a Registered Professional Archaeologist (RPA) and meets the U.S. Secretary of the Interior's Professional Qualifications Standards for prehistoric and historic archaeology.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay EIR (2021 - 2022). Principal Investigator responsible for addressing potential impacts to cultural resources by the proposed Bishop Downtown Specific Plan. The project would increase allowable residential and commercial density in the downtown core of this rural and underserved City located in the Eastern Sierra Nevada region. Responsibilities included overseeing cultural resources compliance for the project, including archival research on the history and archaeology of the Bishop area; Native American coordination; cultural resources reconnaissance surveys; and a Cultural Resources Assessment Report that presented the findings of the study and discussed relative cultural sensitivity of portions of the Specific Plan area. Work performed as a subconsultant to Alta Planning + Design, Inc. with the City of Bishop as the project owner.

Garland Solar Battery Energy Storage System (2021 - 2022). Senior Archaeologist responsible for overseeing cultural resources monitoring for the Garland Battery Energy Storage System (BESS) in the County of Kern. The project involved the retrofit of a battery energy storage system within an operational solar energy facility located in an area considered highly sensitive for buried prehistoric resources. In addition to providing archaeological monitoring during construction, worked closely with local Native American tribes and managed Tribal monitors in order to minimize impacts to previously undiscovered cultural resources. Work performed for Rosendin Electric with Kern County as the lead agency.

Scarlet Solar Project (2019 - 2020). Senior Archaeologist for third party review of cultural section of CEQA EIR prepared by others for Scarlet Solar Project, an approximately 4,500-acre project site located in Fresno County. The project is a proposed 500-MW solar photovoltaic generating facility and an electrical substation constructed on agricultural land. Work performed for Recurrent Energy with the County of Kings as the lead agency.

Angels Camp Sewer Line Collection System Improvement & Replacement (2019 - 2020). Principal Investigator responsible for supervising and conducting archival research, surveys, and impact analyses in support of a sewer line replacement project in the City of Angels Camp. The City intends to replace approximately 6,012 linear feet of deteriorating sewer line to allow the City's wastewater treatment plant to operate at full capacity, thereby preventing wastewater spills into Angels Creek. The cultural resources work includes evaluation and management recommendations for a number of historic Gold Rush-era structures adjacent to the City's Historic District. Work performed for the City of Angels Camp.

Old Depot Bike Park (2019 - 2022). Senior Archaeologist for cultural resources including delineation of an Area of Potential Effects (APE), extensive background research, Native American outreach, and an intensive pedestrian survey in support of CEQA IS/MND for a new bike park in El Dorado County. The project included a significance evaluation of several historic railroad features that seem to represent an early 20th century worker's camp associated with the Diamond and Caldor Railway's Diamond Springs facility. Work performed for the County of El Dorado.

Flume 30 Replacement Alternate Access Road Improvements (2020). Principal Investigator for a cultural resources assessment to characterize cultural resources that would be impacted by implementation of the Alternate Access Road Improvements for the Flume 30 Replacement in El Dorado County. The El Dorado Irrigation District (EID) proposed to construct an alternative access road on land owned by Sierra Pacific Industries in order to provide safe access for large construction vehicles to the El Dorado Canal. Oversaw a records search and literature review, Native American outreach, and an intensive pedestrian survey of the project's Area of Potential Effects. Work performed for EID.

Whiskey Slide Road over Jesus Maria Creek Bridge Replacement (2018 - 2019). Senior Archaeologist responsible for Section 106 technical report review and CEQA document production for a project to replace an existing, structurally deficient, and functionally obsolete bridge in Calaveras County. The bridge is eligible for rehabilitation under the Federal Highway Bridge Program. Work performed for T.Y. Lin International, with Caltrans as the NEPA/Section 106 lead agency, and Calaveras County as the CEQA lead agency.

Cedar Ridge Fuels Reduction Archaeological Support (2021 - 2024). Principal Investigator for a fuel break expansion project in Tuolumne County proposing development of several fuel breaks extending through USFS lands. Cultural resources studies include Section 106 compliance with the Stanislaus National Forest (STF) as the lead agency, and CEQA compliance with the County of Tuolumne as the lead agency. Project activities under STF oversight include developing a project Area of Potential Effect (APE), receiving an Archaeological Resources Protection Act (ARPA) permit, conducting intensive pedestrian surveys of fuel breaks totaling approximately 2,300 acres, documenting over 30 cultural resources using SNF protocols, developing avoidance and minimization strategies for at-risk cultural resources, and producing a comprehensive Cultural Resources Inventory Report. Work performed for the County of Tuolumne in partnership with the USFS.

El Dorado County Coop Wildland Fire Prevention Strategy Project (2018 - 2019). Senior Archaeologist for the preparation of CEQA and NEPA environmental documents for the implementation of the El Dorado County Cooperative Wildland Fire Protection Strategy Project. Assisted in intensive field surveys of an area extending over 20 linear miles. Co-authored a detailed summary report of the results of the record search and surveys to provide impact analyses and cultural resources management recommendations for the Georgetown Resource Conservation District.

EDUCATION

Doctor of Philosophy Candidate, Anthropology, University of California, Berkeley, 2023

Master of Arts, Anthropology, University of California, Berkeley, 2019

Master of Arts, Maritime Studies and Nautical Archaeology, East Carolina University, 2011

Master of Arts, American History, Emory University, 2007

Bachelor of Arts, History, Cum Laude, Emory University, 2007

CERTIFICATIONS

Registered Professional Archaeologist, No. 989542

U.S. SOI Qualified for Historic Archaeology, Prehistoric Archaeology, and History

PROFESSIONAL AFFILIATIONS

Society for Historical Archaeology

BENJAMIN SIEGEL, RPA

Cultural Resources Project Manager II

Mr. Siegel is an archaeologist and cultural resource manager with 16 years of experience directing cultural resource management efforts across the United States and in countries abroad. He regularly authors or co-authors cultural resource assessments and reports associated with projects requiring compliance with Section 106 of the National Historic Preservation Act (NHPA), National Environmental Policy Act (NEPA), and California Environmental Quality Act (CEQA). He has applicable experience in directing records searches, field surveys, site evaluations, data recovery efforts, and developing resource mitigation plans for large scale cultural resource efforts. Mr. Siegel is also experienced in the application of the California Register of Historical Resources (CRHR) and National Register of Historic Places (NRHP) evaluation criteria to various cultural resources. He meets the Secretary of the Interior's (SOI) Professional Qualifications Standards for prehistoric archaeology, historic archaeology, and history and is a member of the Register of Professional Archaeologists. Mr. Siegel is also a Ph.D. candidate in Anthropology at the University of California, Berkeley, and teaches a wide variety of classes as a Graduate Student Instructor for the University's Anthropology Department including; Introduction to Archaeology, Historic Artifact Analysis, Fire: Past, Present and Future Interactions with the People and Ecosystems of California, and Examining Past Interactions between Cultures and the Environment, a course of Mr. Siegel's own design.

East Line Street Bridge Replacement (2023). Senior Archaeologist for cultural resources assessment in support of an IS/MND for the proposed bridge replacement of East Line Street over Bishop Creek Canal in the City of Bishop. Due to concern for structural stability and pedestrian safety, the bridge will be replaced with a new structure with an increased width for safer pedestrian crossing. Work performed for Lumos & Associates with the City of Bishop as the lead agency.

Copper Cove Water System Improvements (2022 - 2023). Senior Archaeologist for cultural resources evaluation for proposed infrastructure improvements to maintain potable water services to an expanding community for Calaveras County Water District (CCWD). Water system improvements include replacement of an existing redwood water tank, welded steel tank, and clearwell tank, installation of a new water treatment plant clearwell tank, replacement of booster pumps station, installation of booster pump station and transmission main, construction of an emergency intertie at Lake Tulloch, and construction of tank overflow improvements. Work performed for Tuolumne County who is also the project owner.

West Point Water Supply Drought Resiliency Biological and Cultural Resource Evaluations (2022). Senior Archaeologist for a dam enhancement project, approximately four acres in size, located in West Point, Calaveras County. Responsible for conducting a California Historical Resources Information System (CHRIS) records

search and leading a pedestrian survey of the project area. Author of a cultural resource assessment that meets with CEQA and Section 106 requirements. Work performed for Calaveras County Water District.

Manzana Creek Restoration Pilot Project NEPA Categorical Exclusion (2022). Senior Archaeologist for Section 106-compliant Cultural Resources Assessment for the Manzana Creek Sediment Reduction Project in the Los Padres National Forest. The project would implement erosion control and sediment prevention measures at 33 active road sediment source sites. The project would treat 13 stream crossing sites, 20 road surface discharge sites, and hydrologically disconnect 4.21 miles of road surfaces and cutbanks delivering high annual rates of mostly sand-sized sediment to fish bearing streams and restore altered hydrologic runoff processes along 4.5 miles of road. Work was performed for South Coast Habitat Restoration, with the Forest Service as the federal lead agency.

Forebay Park Improvements Master Plan and CEQA Support (2022). Senior Archaeologist for proposed recreation improvements to the approximately six-acre Forebay Park located in Pollock Pines, El Dorado County. Responsible for conducting a California Historical Resources Information System (CHRIS) records search, Native American outreach, and directing a pedestrian survey of the project area. Author of the project's cultural resource assessment which meets with CEQA requirements. Work performed for El Dorado County.

Social and Ecological Resilience Across the Landscape Fire Management Features Cultural Resources (2021 - 2023). Senior Archeologist managing a fuel break expansion project extending through Stanislaus National Forest lands. Cultural resources studies included Section 106 compliance with the Stanislaus National Forest as the lead agency, and CEQA compliance with the County of Tuolumne as the lead agency. Project activities managed included leading intensive pedestrian surveys of fuel break areas totaling approximately 8,500 acres, documenting over 100 cultural resources using California DPR 523 site recordation forms and following Stanislaus National Forest protocols, developing avoidance and minimization strategies for at-risk cultural resources, and producing a comprehensive Cultural Resources Inventory Report. Work performed for the County of Tuolumne with the U.S. Forest Service as project partners.

Waterman Brinkman Logistics Center (2021 - 2022). Senior Archaeologist for preparation of a CEQA and Section 106-compliant cultural resource assessment report for the Waterman Brinkman Logistics Center Project located in the City of Elk Grove. The project consists of a distribution warehouse building, associated parking, and minor landscaping on a 20.6-acre site. Work performed for Buzz Oates with the City of Elk Grove as the lead agency.

Green Valley West and East Fuel Break (2022 - 2023). Senior Archeologist for Section 106-compliant Cultural Resources Assessment for the Green Valley West and East Fuel Break Project in Solano County. The project would implement a vegetation treatment plan to treat approximately 62 acres of hazardous fuels by creating a shaded fuel break 5.1 miles long and 100 feet wide on the west side of the community of Green Valley. Conducted a records search with the Northwest Information Center (NWIC), sacred lands file search with the NAHC, pedestrian survey of the 134-acre APE, and Cultural Resources Assessment for the project. Updated DPR forms were prepared for two previously-recorded resources encountered during the pedestrian survey and recommended avoidance measures were identified in the Cultural Resources Assessment. Work was performed for Mason, Bruce & Girard, Inc., with the California Department of Forestry and Fire Protection as the CEQA lead agency.

North Vista Plaza Project (2021 - 2022). Senior Archaeologist for an approximately 41-acre residential development project in Valley Springs, Calaveras County. Responsible for California Historical Resources Information System (CHRIS) records search and Native American Heritage Commission Sacred Lands File. Directed the pedestrian survey of the project area. Authored the cultural resource technical report to comply with USACE and Section 106 of the National Historic Preservation Act. Work performed for LGI Homes.

EDUCATION

Master of Science, Historic Preservation, School of the Art Institute of Chicago, 2006

Bachelor of Arts, Architectural History and Urban Design, DePaul University, 1999

PROFESSIONAL AFFILIATIONS

California Preservation Foundation

Society of Architectural Historians

NELSON WHITE

Senior Architectural Historian

Mr. White is a federally qualified professional in the fields of architectural history and historic preservation, with over 20 years of experience. He is knowledgeable in the history and development of American cities and suburbs, with a focus on residential development and design. His California state-wide experience includes managing and conducting dozens of historical resource surveys and evaluations in compliance with the CEQA and local ordinances. He has prepared numerous cultural resource studies that utilize federal, state, and local designation criteria for evaluating properties for eligibility as a historic resource for local consideration, for the purposes of CEQA and as a historic property under Section 106 of the National Historic Preservation Act. Mr. White utilizes his understanding of the Secretary of the Interior's Standards to facilitate effective project compliance and design review for adaptive reuse and new construction projects within urban and suburban settings. He works closely with clients and architects to preserve character-defining features of buildings. He is a frequent volunteer for the California Preservation Foundation (CPF) and has twice served on its annual conference steering committee; he currently serves on its education committee. Mr. White exceeds the Secretary of the Interior's Standards in history and architectural history.

Morgan Territory Road Bridges Replacement Cultural and Historical Reports (2024). Architectural Historian for a proposed bridge replacement project in Contra Costa County. Two functionally obsolete 1954 single-span timber stringer bridges are proposed for removal and replacement. Conducted archival research, evaluated the two bridges under federal and state designation criteria, and prepared California Department of Parks and Recreation (DPR) 523 series resource forms. Work performed for Contra Costa County Public Works Department.

Finks Road Bridge Project (2023). Architectural Historian for a proposed bridge replacement project in Colusa County. A functionally obsolete 1930 four-span concrete bridge crossing the Glenn-Colusa Main Canal is proposed for removal and replacement. Although the bridge was previously determined by Caltrans to not be eligible for listing in the NRHP, SHPO guidance stipulated that the canal be assumed eligible. Prepared the Findings of No Adverse Effect (FNAE). Co-authored Historical Resources Evaluation Report (HRER). Revised and addressed Caltrans comments in Historic Properties Survey Report (HPSR) and Archaeological Survey Report (ASR). Work performed for the Colusa County Department of Public Works with Caltrans as the lead agency.

Compliance Services in the Rehabilitation of Public Transportation Infrastructure. Architectural Historian for the South Fork Campground Determination of Eligibility. Mapped and researched the historic campground and prepared a formal determination of eligibility on behalf of NPS. Conducted intensive-level field survey of campground and archival research at SNP Archive and Sequoia – Kings Canyon National Parks (SEKI) Cultural Resources Department. Co-Authored report.

64 Haddon Road Historical Resource Evaluation and Preservation Services. Project Manager for the preparation of an Historical Resource Evaluation (HRE) of the Italian Renaissance-style former home of industrialist Henry J. Kaiser located in Oakland, Alameda County, which was designed by master architect William E. Schirmer and completed in 1924. Evaluated the property under federal, state, and local criteria. Prepared and presented the nomination for designation as a local landmark. Conducted intensive-level field survey, archival research, and evaluation. Co-authored HRE. Prepared DPR 523 series resource forms. Prepared nominations and provided support services through the listing and designation processes.

Google Caribbean Campus Cultural Resources Technical Report. Architectural Historian for intensive-level field survey, archival research, and evaluation. Co-authored report and prepared DPR 523 series resource forms. Google proposed to redevelop the 40.44-acre site in Sunnyvale, Santa Clara County, to facilitate construction of the new Google campus encompassing ten existing parcels. The cultural resource consultation consisted of an archaeological inventory of the direct area of potential effects (APE) and recording and evaluating a 35-foot-wide, 1,150-foot-long section of a 1964 drainage channel under federal, state, and local criteria. Work performed for Kimley-Horn and Associates, Inc.

Former Fire Station No. 53 Historical Resource and Archeological Assessment. Architectural Historian for a Historical Resource and Archeological Assessment to determine whether significant cultural resources occur in the subject property located in Los Angeles, and to make recommendations for avoiding adverse effects to those resources. Conducted intensive-level field survey, archival research, authored the architectural description, site history, and the evaluation. Supervised the authorship of historical context and preparation of DPR 523 resource forms.

East Bay Municipal Utility District (EBMUD) Cultural Resources Management Plan Development. Conducted an intensive-level survey, prepared relevant historic contexts, and evaluated properties within the Federal Energy Regulatory Commission (FERC) Project No. 2916 boundary in Northern California, including Calaveras, Amador, and San Joaquin counties. The results were compiled in a master survey report that documents the findings and evaluation of over 50 properties for eligibility under NRHP and CRHR criteria for the purposes of review under the CEQA. The results will support the development of a Historic Properties Management Plan. Conducted intensive-level survey, co-authored historic contexts, peer-reviewed evaluations.

Monterey Airport Infield Rehabilitation Cultural Resources Study. Architectural Historian for preparation of a Historical Resources Survey for National Historic Preservation Act (NHPA) consultation with the State Historic Preservation Office. Fifty buildings located at the Monterey Airport were documented, and 26 buildings of age were evaluated. Surveyed and evaluated five additional buildings to reach the 45-year threshold since the original survey. Efforts included archival research, site investigations, survey, and preparation of a historical resources technical report summarizing the results. Authored the 2016 update. Prepared DPR 523 series resource forms. Work performed for Coffman Associates, Inc.

North Hollywood Sewer Maintenance Yard Historical Resources and Archaeological Assessment. Architectural Historian for the preparation of a Historical Resources and Archaeological Assessment in support of the North Hollywood Sewer Maintenance Replacement project located in Los Angeles County. The property included three 1955 Mid-Century Modern-style buildings. Evaluated the property under federal, state, and local criteria and analyzed effects of the project implementation including proposed demolition and construction. Conducted intensive-level field survey, archival research, and co-authored report. Prepared California Department of Parks and Recreation (DPR) 523 series resource forms.

EDUCATION
Bachelor of Science, Mechanical Engineering, University of California, Davis, 1991

PROFESSIONAL AFFILIATIONS
Association of Environmental Professionals

MARTIN ROLPH

Air Quality/Noise Specialist III

Mr. Rolph is an environmental specialist with seven years of experience in air quality, greenhouse gas, and noise impact analysis for California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance, and 15 years of engineering experience. He is proficient in the use of the California Emissions Estimator Model (CalEEMod), the Roadway Construction Model, AP-42 Emissions Factors, EMFAC and OFFROAD Emissions Inventory, and AERMOD/HARP2 health risk assessment tools and evaluating data and model results in accordance with CEQA Guidelines adopted by various air districts in northern California. Mr. Rolph is also proficient in the use of the Computer Aided Noise Abatement (CadnaA) outdoor noise model, the Federal Highway Administration (FHWA) Highway Traffic Noise Model (TNM), the FHWA Roadway Construction Noise Model (RCNM), and the application of other numerical techniques and methods for evaluating and mitigating noise impacts from stationary sources. Mr. Rolph brings his extensive engineering experience to the profession of environmental planning, including mathematical modeling and analysis of systems, preparation of technical documentation, and regulatory compliance analysis.

City of Bishop Downtown Specific Plan & Mixed-Use Overlay EIR (2021 - 2022). Air Quality/Greenhouse Gas Specialist for a specific plan which would increase allowable residential and commercial density in the downtown core of this rural and underserved City located in the Eastern Sierra Nevada region. Prepared modeling of potential air pollutant and greenhouse gas emissions and prepared air quality and greenhouse gas emissions technical reports and EIR sections. Work performed for the City of Bishop.

Tuolumne County Broadband EIR/EA (2023). Air Quality/ Greenhouse Gas and Noise Specialist for a programmatic CEQA EIR and NEPA EA to assess the potential environmental impacts that may result from the development of broadband infrastructure in the County of Tuolumne. Future broadband infrastructure would be installed within the approximately 610 miles of existing County-maintained roads and rights-of-way, public utility easements, or existing overhead public utility easements of record throughout the County. Performed senior review of air quality and greenhouse gas emissions modeling and EIR section. Prepared modeling of potential noise from installation and operation of broadband infrastructure and prepared EIR noise section. Work performed for the County of Tuolumne.

Angels Camp Sewer Line Collection System Improvement & Replacement (2019). Air Quality/Greenhouse Gas Specialist for a sewer line replacement project in the City of Angels Camp. The City is replacing and upsizing approximately 6,012 linear feet of deteriorating sewer line to allow the City's wastewater treatment plant to operate at full capacity, thereby preventing wastewater spills into Angels Creek. Prepared air

quality, greenhouse gas emissions, and noise IS/MND sections. Work performed for the City of Angels Camp. El Dorado Hills, California

Pioneer Trail Pipeline and Pump Station CEQA and Environmental Review (2022). Environmental Specialist for preparation of air quality and GHG and noise assessments in support of CEQA IS/MND for installation of a 1.7 mile potable water pipeline over Trout Creek via an existing bridge and dedicated pump station for the Tahoe Donner subdivision in Nevada County. Work performed for Truckee Donner Public Utilities District.

Boca Quarry Environmental Impact Report (2018 - 2019). Air Quality Specialist assisting in an Environmental Impact Report (EIR) for the expansion of Boca Quarry near the City of Truckee in Nevada County, which proposes to expand the existing mine operations and provide off-site roadway improvements. Assisting in preparation of an Air Quality and Greenhouse Gas (GHG) Technical Report supporting the EIR. Work performed for the County Folsom, Californiaof Nevada.

Public Safety Facility and Joint Fire/Police Station Environmental Analysis (2022). Air Quality/Noise Specialist for a technical study supporting a CEQA Categorical Exemption for the construction and operation of a new fire station in the City of Folsom. Work was performed for the City of Folsom.

El Dorado County Coop Wildland Fire Prevention Strategy Project (2018). Air Quality Specialist for the preparation of CEQA and NEPA environmental documents for the implementation of the El Dorado County Cooperative Wildland Fire Protection Strategy Project which consists of a shaded fuel break in El Dorado County. Responsible for analyzing air quality and greenhouse gas impacts as a result of the fuel break project. Work is being performed for the Georgetown Resource Conservation District.

Cameron Park Grocery Outlet (2021 - 2022). Noise Technical Specialist for the preparation of a technical report analyzing the noise impacts resulting from the construction and operation of a commercial grocery store project in the unincorporated community of Cameron Park, El Dorado County. Work was performed for Boos Development West, LLC, with El Dorado County as the Lead Agency.

Creekside Plaza ARCO Environmental Consulting (2021). Responsible for the preparation of an Air Quality and Greenhouse Gas Technical Report and a Health Risk Assessment for criteria pollutants and greenhouse gas emissions impacts and community health impacts in support of a Supplemental EIR on project located in Diamond Springs, El Dorado County. The project proposes construction and operation of a commercial development including office buildings, retail sales, a fast-food restaurant, and a gas station/car wash on a 4.3 acres site. Work performed for Strauch & Company.

San Juan Water District Kokila Reservoir Replacement (2022). Air Quality Specialist for the preparation of a technical study to determine the air quality impacts and effects of a reservoir replacement project in the community of Granite Bay, Placer County. Analysis was prepared to support State Water Resources Control Board CEQA-Plus requirements and the Drinking Water State Revolving Fund Program, including a conformance analysis with the Federal Clean Air Act. Work was performed as a subconsultant to Water Work Engineers with San Juan Water District as the project owner and lead agency.

Rosamond Community Services District Wetland Conceptual Design Services Environmental Surveys and Documentation (2019). Air Quality and Greenhouse Gas Specialist for the analysis of Air Quality and GHG impacts for an Initial Study/Mitigated Negative Declaration (IS/MND) for a wastewater treatment plant rehabilitation project including an expansion of tertiary treatment and evaporation ponds. Work performed for the Rosamond Community Services District.

EDUCATION

Bachelor of Landscape Architecture, University of Guelph, Ontario, Canada, 1999

CERTIFICATIONS

Professional Landscape Architect, CA No. 4874

ReScape Qualified Professional (RQP) in Landscape Design

Certificate of Entrepreneurship, University of the Pacific, Stockton

Leadership Essentials Certificate, Cornell University (online)

PROFESSIONAL AFFILIATIONS

City of Sacramento Design Advisory Board Member

Past Vice President of the Sierra Chapter of the American Society of Landscape Architects

Past Member of the Emerging Professionals Professional Practice Network of the American Society of La

ndscape Architects

SCOTT REDDING, PLA

Principal Landscape Architect

Mr. Redding has 25 years of experience working on public and private projects with a focus on parks and recreation facilities, civic and institutional facilities, educational facilities, master planned communities, and commercial properties. His roles have included project management, conceptual design, construction documentation, bid support services, and construction administration. In support of public projects, he has led the community and stakeholder outreach efforts through facilitating meetings, workshops, open houses, focus groups, and pop-up events both virtually and in-person to elicit feedback, communicate project updates, and inform the public. Mr. Redding practices sustainable landscape architecture and enjoys working with communities and stakeholders to improve and enhance the quality of public spaces, and to build healthy, vibrant, and resilient communities.

Carson Creek Preserve Unit 2 5-Year Maintenance and Monitoring (2023 - 2024). Principal Landscape Architect for the preparation of landscape construction documents for the restoration of five acres of native riparian habitat within the 127-acre Preserve established pursuant to USACE and CDFW special conditions. Plans required coordination and compliance with the El Dorado Irrigation District (EID) standards due to the recycled water service connection. Plans were prepared in coordination with HELIX's Construction Group to ensure the design incorporated equipment and materials that are cost efficient and easily maintainable while minimizing habitat disturbance upon removal. Work performed for Lennar.

Saddleback Meadows Mitigation Landscape Plans (2023 - 2024). Principal Landscape Architect for the preparation of construction documents for the implementation of the Habitat Mitigation and Monitoring Plan (HMMP) per the requirements of the U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service, California Department of Fish and Wildlife, and Regional Water Quality Control Board. The landscape plans include the creation and enhancement of 51-acres of coast live oak woodland, coastal sage scrub, mule fat scrub, ephemeral pond, and streambed. Work performed for Capital Guidance Corporation with the County of Orange as the lead agency.

Daley Ranch Restoration Plan Support (2023). Principal Landscape Architect for the preparation of construction documents for the restoration of the ¼-acre site within the Daley Ranch Conservation Area. Services include the development of planting and temporary irrigation plans for the encroachment of a dedicated conservation easement including proposed installation and monitoring methods. Work performed for the City of Escondido.

Altair Permitting and Pre-Construction Surveys (2023). Principal Landscape Architect for the preparation of landscape construction documents for the restoration of wetland and native vegetation communities as mitigation for an adjacent residential development in the City of San Marcos, San Diego County. The design includes

restoring habitats that will be temporarily impacted during site grading so that they blend with the adjacent uplands to allow for a transitional habitat buffer. Habitat establishment and enhancement will include temporary irrigation and the installation of container plantings and seed. Work performed for Brookfield Residential.

City of Davis Urban Forest Management Plan (2022 - 2023). Principal Landscape Architect providing an assessment of current City public tree resources, analyzing challenges and opportunities for incorporation into the management plan, conducting stakeholder and community outreach, and providing final recommendations for the structure, function, and budget for the Forestry Division. Work was performed as a subconsultant to Davey Resource Group with the City of Davis as the project owner.

Silva Valley Interchange Phase 1 Landscape (2023). Principal Landscape Architect for the preparation of landscape construction documents for road improvements as part of the Silva Valley Interchange at Highway 50 in El Dorado County. HELIX prepared a Revegetation, Mitigation, and Monitoring Plan to satisfy both the requirements of the project's 1600 agreement as well as the El Dorado County tree ordinance. Plans were prepared in accordance with the revegetation plan and mitigation measures to mitigate for trees removed during construction of the interchange. All tree planting will be completed within the County's right-of-way. Since many areas are under Caltrans jurisdiction, the construction documents were prepared using Caltrans standard drawings and specifications. Work performed for El Dorado County.

Bertelsen Park Retrofit (2023 - 2024). Principal Landscape Architect for the conceptual design and construction documents for the retrofit of Bertelsen Park located in El Dorado Hills, El Dorado County following a fire which destroyed the existing restroom building. Improvements include a new restroom, shade structure, site furnishings and splash pad. The construction documents included demolition, layout, planting, and irrigation plans. 3D visual simulations were prepared and presented to the Board during the approval of the design. Work performed for El Dorado Hills Community Services District.

Irvine Hicks Canyon Channel Restoration (2023 - 2024). Principal Landscape Architect for the preparation of final construction documents based on preliminary landscape plans by others. Areas to be planted and irrigated are limited to those impacted by the proposed grading of the channel slopes to prevent further erosion and to protect the adjacent residential properties along the southern edge of the channel. Planting will include native riparian and riparian transition vegetation as prescribed in the Habitat Mitigation and Monitoring Plan. Work performed for BKF Engineers with the City of Irvine as the project owner.

Centennial Park Master Plan (2022 - 2023). Principal Landscape Architect for the preparation of a final master plan for this 265-acre community park in the City of Vacaville, Solano County. Oversaw updates of an existing draft master plan, participated in-person and online community meetings, presented concepts to the Parks Commission, and will assist in the final written master plan document including a phasing plan and phased cost estimate. Work performed for the City of Vacaville who is also the owner.

Wheatland Pump Station Landscape Screening (2022 - 2023). Project Manager for conceptual plans and landscape construction documents for screening around three sewer pump stations located in the City of Wheatland, Yuba County. Work included recommending plants and trees for screening frontage and perimeter using native/low water use plants, irrigation plan, water use calculations and watering recommendations, and fencing recommendations. Work performed as a subconsultant to Nexgen Utility Management with the City of Wheatland as the project owner.

EDUCATION
Bachelor of Science, Environmental Science, Oregon State University, 2019

CLAIRE WATKINS

Construction Project Manager II

Ms. Watkins is a Project Manager for HELIX Construction Group, helping to manage a variety of vegetation reduction and habitat restoration projects for our northern California region. She has experience with all aspects of project implementation including planning, coordinating with multiple stakeholders, and overseeing project construction. She has been involved with a variety of habitat restoration projects including propagating sensitive species, removing exotic and invasive species, oak tree mitigation and oak woodland restoration, floodplain restoration, vernal pool remediation, and thatch and brush removal for fuel management efforts for both public and private clients. She holds an educational background in environmental science with past work experience in project management and non-profit land conservation, offering a well-rounded component to habitat restoration services.

Gateway Station West Mitigation Compliance (2019 - 2024). Assistant Project Manager for a salt marsh habitat restoration project in the City of Newark in southwestern Alameda County. The project involved breaching a 25-foot section along a drainage ditch to re-establish tidal influence within a 9-acre Open Space Preserve. Removed spoils were spread and compacted along the remaining drainage ditch. Additional tasks included weed control, installation of erosion control BMPs, and hydroseeding. Work performed for Lennar Corporation, with the City of Newark as the lead agency.

Lennar FMC Parcel C (2019). Assistant Project Manager for temporary Environmental Sensitive Area (ESA) fencing within the Parcel C development area located in the City of Newark. Activities included installation of temporary ESA fencing to limit impacts on marsh and wetland habitat from development construction activity. Work performed for Lennar Development Company.

Twelve Bridges 8 Open Space Restoration (2020). Project Manager for streambank erosion control and restoration at Twelve Bridges Open Space in Placer County. Project scope includes designing and installing willow cuttings and weaving plant material along streambank to restore eroding channel. Project responsibilities include site meetings with City staff, supporting design of willow installation features, managing crew schedule and implementation. Project completed for the City of Lincoln.

Valley View Preserve Invasive Species Management (2020). Assistant Project Manager for the Valley View Preserve Invasive Species Removal Project located in El Dorado County. Scope of work included cutting, removal, and treatment of targeted invasive species occurring within riparian habitat. Project responsibilities include preparation of a letter submitted to the U.S. Army Corps of Engineers outlining removal techniques and proposed herbicide, per the recommendations of our Qualified Applicator License and Pest Control Adviser. Responsible for leading daily crew activity, coordination with

the project biologist and project manager, and ensuring the project stays on schedule. Work performed for Lennar Development Company.

Rocklin Monte Verde Detention Basin Dewatering (2022). Project Manager for Monte Verde Basin Dewatering in Placer County. Project scope included fish capture and relocation, dewatering of tributary to Secret Ravine before beaver dam removal project and following with site restoration planting and seeding. Responsibilities include coordination with project biologist to submit dewatering and relocation plans to CDFW and to design restoration palette, manage crew schedule and client coordination. Work performed for the City of Rocklin.

Antonio Mountain Ranch Mitigation Bank Remediation (2020 - 2023). (2019 - Present) Project Manager for Antonio Mountain Ranch Mitigation Bank Remediation located in the City of Lincoln within Placer County. Project scope includes treating target species within sensitive features and associated upland areas, monitoring treatment areas and herbicide use. Project responsibilities also include coordination with Interagency Review Team to develop Remedial Action Plan for intermittent stream erosion repair and stabilization. Coordinated with hydrologist subcontractor to prepare a Hydrological Analysis and Study Report of the work area. Work is being performed for AKT Development Corporation.

Magpie Creek Floodplain Conservation Project (2019 - 2021). Assistant Project Manager for the 40-acre Magpie Creek Floodplain Restoration project in Sacramento County. Restoration scope included mowing and thatch control, grazing, drill seeding and riparian planting, installation of Environmental Sensitive Area (ESA) fencing, permanent fencing, installation of access driveways, and non-native vegetation management for a 2-year period. Project responsibilities include client coordination, subcontractor management, and tracking daily reports and Collector data. Work is being performed for Sacramento Area Flood Control Agency.

Revetment Replacement Planting on the American River (2022). Project Manager for native vegetation installation support for a bank stabilization project in the City of Sacramento on the shore of the American River. HELIX sourced and collected willow cuttings from local species and transported them to the project site. HELIX field staff carefully installed 357 plants comprised of willow cuttings and native container stock between a Flexamat erosion control structure to assist in bank stabilization. The Flexamat needed to be strategically cut in areas to compensate for plant size and mended back together to maintain structural integrity of the erosion mat. Work performed for Syblon Reid.

Carson Creek Preserve (2019 - 2020). Assistant Project Manager for an invasive species removal within the Carson Creek Preserve located in El Dorado County. Scope of work included removing invasive species from within sensitive riparian habitat preserves, specifically Italian thistle, yellow-star thistle, common fig, Chinese tallow, and callery pear, followed by herbicide treatment. Project responsibilities included preparing a letter for submittal to the U.S. Army Corps of Engineers outlining our proposed method of removal and treatment of the invasive species and Consulting with Qualified Applicator License and Pest Control Adviser to identify best herbicides and methods to implement for target species. Work performed for Lennar Communities.

Pine Creek Detention Basin Invasive Species Removal (2019 - 2020). Assistant Project Manager for the Pine Creek Basin Arundo Removal Project located in Contra Costa County. Project scope included preparation of a site-Specific Work Plan to remove and treat a targeted Arundo patch within a Contra Costa Flood Control facility and streambed. Project responsibilities include coordinating with both the monitoring biologist as well as the client to schedule and implement the Work Plan. Work performed for Contra Costa County Public Works Department.

APPENDIX B

Proof of Professional Registrations, Licenses, and Certificates

Remove your new Pocket Certificate from the receipt portion and carry it with you at all times.

LANDSCAPE ARCHITECTS TECHNICAL COMMITTEE
2420 DEL PASO ROAD, SUITE 105
SACRAMENTO, CA 95834
916 575-7230

01/17/23
01/17/23

CUT HERE

CUT HERE

STATE OF CALIFORNIA
dca
DEPARTMENT OF CONSUMER AFFAIRS

CALIFORNIA ARCHITECTS BOARD
LANDSCAPE ARCHITECTS TECHNICAL COMMITTEE
2420 DEL PASO ROAD, SUITE 105
SACRAMENTO, CA 95834
916 575-7230

CUT HERE

Landscape Architect

CERTIFICATE NO. 4874

EXPIRATION
01/31/25

SCOTT R. REDDING
3707 MIRTOON SEA AVE
SACRAMENTO CA 95834

Signature _____

RECEIPT NO.
30163001

I M P O R T A N T

1. Please include your Certificate Number on any correspondence to this office.

2. Notify the Program of any name or address change in writing.

3. Report any loss of this certificate immediately in writing to the Program.

4. Please sign and carry the Pocket Certificate with you.

SCOTT R. REDDING

CERTIFICATE NO.	EXPIRATION DATE	RECEIPT NO.
4874	01/31/25	30163001

This is your receipt. Please save for your records.

PLALA 10/31/07

Marisa Brilts

MY CREDENTIALS

CERT ID: WE-13338A

Current Credentials

ISA Certified Arborist®	Expires: 6/30/2024	**View CEUs: 30.5**
Tree Risk Assessment Qualification	Expires: 12/16/2027	

Apply for an ISA Certification / Make Your Recertification Payment

Code of Ethics Agreement

EXAM RESULTS

CREDENTIAL EXAM RESULTS

Exam	Written Result	Skills Result	Exam Date
Tree Risk Assessment Qualification	Pass	Pass	12/16/2022
ISA Certified Arborist®	Pass	NA	2/15/2021

THE

Register of Professional Archaeologists

Certifies that

Clarus Backes, MA, RPA

Has met all professional requirements
and has been accredited as a

REGISTERED PROFESSIONAL ARCHAEOLOGIST

Trish Fernandez, President

April 13, 2010

Date

NATIVE ENDANGERED & THREATENED SP.
RECOVERY - E & T WILDLIFE

Permit Number: ES778195

Version Number: 15

Effective: 2022-10-12 **Expires:** 2025-10-11

Issuing Office:

Department of the Interior

U.S. FISH AND WILDLIFE SERVICE

ES Sacramento Permit Office
2800 Cottage Way, Suite W-2606
Sacramento, California 95825-1846
permitsR8ES@fws.gov

Digitally signed by

Permittee:

HELIX ENVIRONMENTAL PLANNING, INC.

7578 EL CAJON BLVD

LA MESA, CA 91942

US

Authority: Statutes and Regulations: 16 U.S.C. 1539 (a), 16 U.S.C. 1533 (d), 16 U.S.C 703-712 50 CFR 17.22, 50 CFR 17.32, 50 CFR 21.23, 50 CFR 21.27, 50 CFR 13

Location where authorized activity may be conducted:

ON LANDS SPECIFIED WITHIN THE ATTACHED SPECIAL TERMS AND CONDITIONS

Reporting requirements:

See permit conditions for reporting requirements

Authorizations and Conditions:

A. General conditions set out in Subpart B of 50 CFR 13, and specific conditions contained in Federal regulations cited above, are hereby made a part of this permit. All activities authorized herein must be carried out in accordance with and for the purposes described in the application submitted. Continued validity, or renewal of this permit is subject to complete and timely compliance with all applicable conditions, including the filing of all required information and reports.

B. The validity of this permit is also conditioned upon strict observance of all applicable foreign, state, local tribal, or other federal law.

C. Valid for use by permittee named above.

United States Department of the Interior
U.S. FISH AND WILDLIFE SERVICE
Pacific Southwest Region
2800 Cottage Way, Room W-2606
Sacramento, California 95825-1846

LIST OF AUTHORIZED INDIVIDUALS

HELIX Environmental Planning, Inc., 778195-15

1. Individuals authorized to independently conduct presence/absence survey activities for the southwestern willow flycatcher pursuant to this permit:

   Erica Harris and Shelby C. Howard.

2. Individuals authorized to independently conduct presence/absence survey activities for the coastal California gnatcatcher pursuant to this permit:

   Katie Bellon, Matt Dimson, Erica Harris, Barry Jones, Jason H. Kurnow, Amanda Mathews, Summer Schlageter, Lauren Singleton, Larry Sward, Dane van Tamelen, and Alexander Walsh.

3. Individuals authorized to independently conduct all activities for the vernal pool branchiopods pursuant to this permit:

   Jason Kurnow, Amy Mattson, and Lawrence Travanti.

4. Individuals authorized to independently conduct presence/absence survey activities only for the vernal pool branchiopods pursuant to this permit:

   George Aldridge, Meredith Branstad, Marisa Brilts, Charlotte Marks, Amanda Mathews, and Larry Sward.

5. Individual authorized to independently conduct presence/absence survey activities only for listed large branchiopods within the Carlsbad Fish and Wildlife Office jurisdiction only pursuant to this permit:

   Erica Harris.

6. Individuals authorized to independently conduct presence/absence survey activities for the Quino checkerspot butterfly:

   Erica Harris, Robert Hogenauer, Amy Mattson, Laura Moreton, Stacy M. Nigro, Benjamin Rosenbaum, Sally Trnka, and Jasmine J. Watts.

7. Individual authorized to independently conduct presence/absence survey activities for the California tiger salamander and California red-legged frog pursuant to this permit:

   Patrick Martin.

Supervised individuals may conduct activities pursuant to this permit only under the direct on-site supervision of the above independently authorized individuals. “On-site supervision” is defined as a supervised individual conducting activities within 3 meters (9.8 feet) of an independently authorized individual.

SCOTT SOBIECH

Digitally signed by SCOTT SOBIECH
Date: 2022.11.07 06:52:38 -08'00'

Scott Sobiech
Field Supervisor
Carlsbad Fish and Wildlife Office

This List is valid only if it is dated on or after the permit issuance date. The associated recovery permit is considered invalid without this List attached.

EXHIBIT C

PAYMENT RATES

CONSULTING SERVICES

Consulting services performed by HELIX typically include, but are not necessarily limited to, office, field, meetings, hearings, and travel time. Consulting services for expert witness review, deposition, and/or testimony will be provided at one and one-half times our standard rates. Overtime also may be charged at one and one-half times our standard rates.

DIRECT COSTS

Certain identifiable direct costs will be charged to the project at cost plus ten percent. Examples of direct costs include subconsultants, vehicle or equipment rentals, airplane and train fares, parking, per diem and lodging, mileage (at IRS rates), communications, reproduction, and supplies. A 4-wheel drive premium will be charged at $25 per project day. There will be additional charges for use of noise monitors, GPS, and other field equipment, as well as for plotting, color printing, and aerial photographs.

Payment

Invoices will be submitted monthly. Payment on invoices is due within thirty days of receipt.

PROFESSIONAL RATES

Current hourly rates for consulting services:

Principal	$290-310
Principal Planner	$240-300
Principal Regulatory Specialist	$240-300
Principal Biologist	$235-300
Principal Acoustician	$215-225
Principal Landscape Architect	$190-210
Principal Cultural Resources Specialist	$200-220
Safety Manager	$215-225
Senior Noise/Air Quality Specialist	$195-230
Senior Project Manager I-III	$165-230
Senior Env Planner	$150-170
Senior Scientist	$160-210
Senior Regulatory Specialist	$160-170
Project Manager I-III	$135-185
Assistant Project Manager	$100-145
Regulatory Specialist	$110-160
Environmental Compliance Specialist	$190-210
Environmental Planner I-III	$105-135
Biologist I-V	$100-170
Noise/Air Quality Specialist	$135-155
Environmental Compliance Specialist	$85-125
Senior Archaeologist	$125-170
Senior Architectural Historian	$165-175
Senior Archaeology Field Director	$135-145
Archaeology Field Director	$125-135
Asst. Archaeology Field Director	$95-115
Architectural Historian	$120-155
Staff Archaeologist	$90-135
Principal Landscape Architect	$160-230
Project Landscape Architect	$130-160
Landscape Planner I-III	$110-120
Landscape Designer	$105-110
Senior GIS Specialist	$160-190
GIS Specialist I-III	$115-150
Graphics	$115-125
Technical Editor	$110-125
Operations Manager	$100-140
Word Processor I-III	$90-100
Clerical	$75-85

Rates are subject to change on a yearly basis

EXHIBIT D

INSURANCE REQUIREMENTS

Without limiting Consultant's indemnification of Agency, and prior to commencement of Work, Consultant shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to Agency.

General liability insurance. Consultant shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Consultant shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Consultant arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Professional liability (errors & omissions) insurance. Consultant shall maintain professional liability insurance that covers the Services to be performed in connection with this Agreement, in the minimum amount of $1,000,000 per claim and in the aggregate. Any policy inception date, continuity date, or retroactive date must be before the effective date of this Agreement and Consultant agrees to maintain continuous coverage through a period no less than three (3) years after completion of the services required by this Agreement.

Workers' compensation insurance. Consultant shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000).

Consultant shall submit to Agency, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of Agency, its officers, agents, employees and volunteers.

Umbrella or excess liability insurance. [Optional depending on limits required]. Consultant shall obtain and maintain an umbrella or excess liability insurance policy with limits that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond if any primary insurance that would otherwise have applied proves to be uncollectible in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Other provisions or requirements

Proof of insurance. Consultant shall provide certificates of insurance to Agency as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers’ compensation. Insurance certificates and endorsements must be approved by Agency’s Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with Agency at all times during the term of this contract. Agency reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by Consultant, his agents, representatives, employees or subconsultants.

Primary/noncontributing. Coverage provided by Consultant shall be primary and any insurance or self-insurance procured or maintained by Agency shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of Agency before the Agency’s own insurance or self-insurance shall be called upon to protect it as a named insured.

Agency’s rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, Agency has the right but not the duty to obtain the insurance it deems necessary and any premium paid by Agency will be promptly reimbursed by Consultant or Agency will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, Agency may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders’ Rating of A- (or higher) and Financial Size Category Class VI (or larger) in accordance with the latest edition of Best’s Key Rating Guide, unless otherwise approved by the Agency’s Risk Manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against Agency, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against Agency, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Consultant acknowledges and agrees that any actual or alleged failure on the part of the Agency to inform Consultant of non-compliance with any requirement imposes no additional obligations on the Agency nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Consultant maintains higher limits than the minimums shown above, the Agency requires and shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Agency.

Notice of cancellation. Consultant agrees to oblige its insurance agent or broker and insurers to provide to Agency with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that Agency and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to Agency and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer’s limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. Consultant agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Consultant, provide the same minimum insurance coverage and endorsements required of Consultant. Consultant agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Consultant agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to Agency for review.

Agency's right to revise specifications. The Agency reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Consultant ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Consultant, the Agency and Consultant may renegotiate Consultant's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by Agency. Agency reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by Agency.

Timely notice of claims. Consultant shall give Agency prompt and timely notice of claims made or suits instituted that arise out of or result from Consultant's performance under this AGREEMENT, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. Consultant shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.

PSA_HELIX Environmental Planning Inc

Final Audit Report 2024-05-17

Created:	2024-05-17
By:	Anastasiia Budnyk (abudnyk@cityofbishop.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAAGEFfR9bW4OxceawJLWV4QNZYsIGmvibH

"PSA_HELIX Environmental Planning Inc" History

Document created by Anastasiia Budnyk (abudnyk@cityofbishop.com)
2024-05-17 - 3:52:26 PM GMT

Document emailed to Robert Edgerton (roberte@helixepi.com) for signature
2024-05-17 - 3:52:39 PM GMT

Email viewed by Robert Edgerton (roberte@helixepi.com)
2024-05-17 - 5:12:28 PM GMT

Document e-signed by Robert Edgerton (roberte@helixepi.com)
Signature Date: 2024-05-17 - 5:13:32 PM GMT - Time Source: server

Agreement completed.
2024-05-17 - 5:13:32 PM GMT

DocuSign Envelope ID: B521E50D-055E-4E26-94D5-A39F76905FA2

CITY OF BISHOP
DESIGN PROFESSIONAL SERVICE AGREEMENT FOR
AS NEEDED, ON-CALL ENVIRONMENTAL CONSULTING SERVICES

THIS AGREEMENT, is made and effective June 1, 2024, between the City of Bishop, a municipal corporation ("Agency"), and **Panorama Environmental, Inc.** (“Consultant”). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. TERM

This Agreement shall commence on **June 1st 2024** and shall remain and continue in effect for three (3) years. The Agreement may be extended for one (1) year at a time, after the initial three (3) years, with a maximum Agreement term of five (5) years after commencement date, unless sooner terminated pursuant to the provisions of this Agreement.

2. SERVICES

General Scope of Services. Consultant promises and agrees to furnish to Agency all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the environmental consulting services necessary for the Project (“Services”). The Services are generally described in Exhibit “A”, Agency’s Request for Qualifications and Exhibit “B”, Consultant’s Statement of Qualifications, attached hereto and incorporated herein by reference, and which are stated in the proposal to Agency. The Services shall be more particularly described in the individual Task Order issued by Agency. No services shall be performed unless authorized by a fully executed Task Order. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3. PERFORMANCE

Consultant shall at all times perform all tasks described herein in accordance with generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

4. AGENCY MANAGEMENT

The City Administrator shall represent Agency in all matters pertaining to the administration of this Agreement, review and approval of all products submitted

by Consultant, but not including the authority to enlarge the Tasks to Be Performed or change the compensation due to Consultant. Agency's Manager shall be authorized to act on Agency's behalf and to execute all necessary documents which enlarge the Tasks to Be Performed or change Consultant's compensation, subject to Section 5 hereof.

5. PAYMENT

(a) Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The maximum compensation for Services to be provided pursuant to each Task Order shall be set forth in the relevant Task Order. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

(b) Consultant shall not be compensated for any services rendered in connection with its performance of this Agreement which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Administrator. Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by the City Administrator and Consultant at the time Agency's written authorization is given to Consultant for the performance of said services. the City Administrator may approve additional work not to exceed ten percent (10%) of the amount of an individual Task Order, but in no event shall such sum exceed ten-thousand dollars ($10,000.00). Any additional work in excess of this amount shall be approved by the Governing Board.

(c) Consultant will submit invoices monthly for actual services performed. Invoices shall be submitted on or about the first business day of each month, or as soon thereafter as practical, for services provided in the previous month. Payment shall be made within thirty (30) days of receipt of each invoice as to all non-disputed fees. If Agency disputes any of Consultant's fees it shall give written notice to Consultant within thirty (30) days of receipt of an invoice of any disputed fees set forth on the invoice.

6. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

(a) Agency may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If Agency suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

(b) In the event this Agreement is terminated pursuant to this Section, Agency shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to Agency. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to Agency pursuant to Section 3.

7. DEFAULT OF CONSULTANT

(a) The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, Agency shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default[TT1], for any work related to the default that has not, or cannot be used by the Agency. The Agency can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

(b) If the City Administrator or his/her delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, he/she shall cause to be served upon the Consultant a written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, or, if the nature of the cure is such that more than ten (10) days will be required to effect the cure, and Consultant has not commenced the cure within said ten (10) days, then the Agency shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

8. OWNERSHIP OF DOCUMENTS

(a) Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts, and other such information required by Agency that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and best professional practices and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of the Agency or its designees at reasonable times to such books and records; shall give Agency the right to examine and audit said books and records; shall permit the Agency to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings,

and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of three (3) years after receipt of final payment.

(b) Upon completion of, or in the event of termination or suspension of this Agreement, and upon payment of Consultant's invoices, all original documents, designs, drawings, maps, models, computer files, surveys, notes, and other documents prepared in the course of providing the services to be performed pursuant to this Agreement shall become the sole property of the Agency and may be used, reused, or otherwise disposed of by the Agency without the permission of the Consultant. Any re-use, or modification of Consultant's instruments of service without the Consultants participation shall be at the Agency's sole risk and Agency agrees to indemnify the Consultant from any claims arising out of the re-use or modification. With respect to computer files, Consultant shall make available to the Agency, at the Consultant's office and upon reasonable written request by the Agency, the necessary computer software and hardware for purposes of accessing, compiling, transferring, and printing computer files.

9. INDEMNITY AND DEFENSE

(a) Indemnification for Professional Services

To the fullest extent permitted by law, Consultant shall indemnify and hold harmless Agency and any and all of its officials, and employees ("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including reasonable attorney's fees and costs, to the extent they arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant. Consultant's duty to indemnify shall include reimbursement of reasonable defense costs incurred by Agency in direct proportion to the Consultant's proportionate percentage of fault. Consultant's percentage of fault shall be determined, as applicable, by a court of law, jury or arbitrator. In the event any loss, liability or damage is incurred by way of settlement or resolution without a court, jury or arbitrator having made a determination of the Consultant's percentage of fault, and if the parties cannot mutually agree on the percentage, the parties agree to mediation with a third party neutral to determine the Consultant's proportionate percentage of fault for purposes of determining the amount of indemnity and defense cost reimbursement owed to the Agency.

(b) For All Other Liabilities

Notwithstanding the foregoing and without diminishing any rights of Agency under Section 9.A, for any liability, claim, demand, allegation against Agency arising out of, related to, or pertaining to any act of

negligence or willful misconduct, or omission of Consultant, but which is not a design professional service, Consultant shall indemnify, and hold harmless Agency, its officials, employees, and agents ("Indemnified Parties") from and against any and all damages, costs, expenses (including reasonable attorney fees and expert witness fees), judgments, settlements, and/or arbitration awards, whether for personal or bodily injury, property damage, or economic injury, and arising out of, related to, any concurrent or contributory negligence on the part of the Agency, except for the sole or active negligence of, or willful misconduct of the Agency.

10. INSURANCE

Consultant shall maintain prior to the beginning of and for the duration of this Agreement insurance coverage as specified in Exhibit "D" attached to and part of this Agreement.

11. INDEPENDENT CONSULTANT

(a) Consultant is and shall at all times remain as to the Agency a wholly independent Consultant. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither Agency nor any of its officers, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents, except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the Agency. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against Agency, or bind Agency in any manner.

(b) No employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, Agency shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for Agency. Agency shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

12. LEGAL RESPONSIBILITIES

The Consultant shall keep itself informed of State and Federal laws and regulations which in any manner affect those employed by it or in any way affect the performance of its service pursuant to this Agreement. The Consultant shall at all times observe and comply with all such laws and regulations. The Agency,

and its officers and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this Section.

13. UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure is used against or in concert with any officer or employee of the Agency in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of the Agency will receive compensation, directly or indirectly, from Consultant, or from any officer, employee or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling the City to any and all remedies at law or in equity.

14. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of Agency, or their designees or agents, and no public official who exercises authority over or responsibilities with respect to the Project during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the Project performed under this Agreement.

15. RELEASE OF INFORMATION/CONFLICTS OF INTEREST

(a) All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without Agency's prior written authorization. Consultant, its officers, employees, agents, or subconsultants, shall not without written authorization from the City Administrator or unless requested by the Agency Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories, or other information concerning the work performed under this Agreement or relating to any project or property located within the Agency. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives Agency notice of such court order or subpoena.

(b) Consultant shall promptly notify Agency should Consultant, its officers, employees, agents, or subconsultants be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions, or other discovery request, court order, or subpoena from any person or party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the Agency. Agency retains the right, but has no obligation, to represent Consultant and/or be present at any

deposition, hearing, or similar proceeding. Consultant agrees to cooperate fully with Agency and to provide the opportunity to review any response to discovery requests provided by Consultant. However, Agency's right to review any such response does not imply or mean the right by Agency to control, direct, or rewrite said response.

16. NOTICES

Any notices which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by notice:

To Agency:	City of Bishop P.O. Box 1236 Bishop, CA 93514 Attention: Agency Clerk
To Consultant:	Panorama Environmental, Inc. 717 Market Street, Suite 400 San Francisco, CA 94103 Attention: Tania Treis, President

17. ASSIGNMENT

Consultant has represented to Agency that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of Agency. In the event that AGENCY and Consultant cannot agree as to the substitution of key personnel, AGENCY shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to AGENCY, or who are determined by the AGENCY to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the AGENCY. The key personnel for performance of this Agreement are as follows:

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Panorama

Susanne Heim, Principal

Rita Wilke, Senior Manager I

Jessica Koteen, Senior Manager I

Rachel Durben, Environmental Scientist II

Elizabeth McCullough, Environmental Analyst II

Caitlin Gilleran, Senior Project Manager I

Russell Kokx, Environmental Scientist II

Caitlin Jensen, Cartographer/GIS Manager

Breya Jasper, Contract Manager

Maria Yat, Administration/Document Production

Lacar Musgrove, Technical Editor II

Kleinfelder

Joseph Zilles, Senior Principal Professional

Jennifer-Lynn Kellerman, Staff Professional II

Constance Ganong, Senior Principal Professional

Nicole Carpenter, Staff Professional II

Darryl Berberi-Hill, Project Professional

Jordan Annand, Staff Professional II

Lisa Achter, Principal Professional

Erin Abendroth, Professional

ASM

Peter Carey, MA, RPA, Principal/Project Manager II

Shannon Davis, RPH, Principal/Project Manager II

Robert Azpitarte, Associate Archaeologist III

K. Ross Way, Associate Archaeologist III

Maria Silva, Assistant Archaeologist III

Margarita Medina Lemus, Assistant Archaeologist III

18. LICENSES

At all times during the term of this Agreement, Consultant shall have in full force and effect, all licenses required of it by law for the performance of the services described in this Agreement.

19. GOVERNING LAW

The Agency and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in the municipal, superior, or federal district court with jurisdiction over the Agency.

20. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

21. CONTENTS OF REQUEST FOR PROPOSAL AND PROPOSAL

Consultant is bound by the contents of the Agency's Request for Qualifications, Exhibit "A" hereto and incorporated herein by this reference, and the contents of the Statement of Qualifications submitted by the Consultant, Exhibit "B" hereto. In the event of conflict, the requirements of Agency's Request for Qualifications and this Agreement shall take precedence over those contained in the Consultant's proposals.

22. AUTHORITY TO EXECUTE THIS AGREEMENT

The person or persons executing this Agreement on behalf of Consultant warrants and represents that he/she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder.

23. LIMITATION OF LIABILITY; WAIVER OF CONSEQUENTIAL DAMAGES

The total amount of all claims the Agency may have against the Consultant under this Agreement or arising from the performance or non-performance of the Services under any theory of law, including but not limited to claims for negligence, negligent misrepresentation and breach of contract, shall be strictly limited to the lesser of the fees or $100,000. As the Agency's sole and exclusive remedy under this Agreement any claim, demand or suit shall be directed and/or asserted only against the Consultant and not against any of the Consultant's employees, officers or directors.

Neither the Agency nor the Consultant shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected to this Agreement or the performance of the services on this Project. This mutual waiver includes, but is not limited to, damages related to loss of use, loss of profits, loss of income, loss of markets, unrealized energy savings, diminution of property value or loss of reimbursement or credits from governmental or other agencies.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CONSULTANT

By: DocuSigned by: Tania Treis 573019A9A18941A...
Tania Treis, President

CITY OF BISHOP
A Municipal Corporation

By: _____
Jose Garcia, Mayor

ATTEST:

By: _____
Robin Picken, City Clerk

APPROVED AS TO FORM:

By: _____
Dean Pucci, City Attorney

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EXHIBIT A

REQUEST FOR QUALIFICATIONS/SERVICES TO BE PROVIDED

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CITY OF BISHOP

377 West Line Street - Bishop, California 93514
P. O. Box 1236 - Bishop, California 93515
City Hall 760-873-5863 Public Works 760-873-8458
Fax 760-873-4873

Request for Qualifications for As Needed, On-Call Environmental Services

Dear Interested Party:

The City of Bishop (**"City"**) is seeking a statement of qualifications from environmental consulting teams (**"Consultant**") to provide On-Call, As Needed Environmental Consulting Services. Under the direction of the City's staff, the environmental consultants will assist on an as-needed basis, with a variety of environmental professional services including the preparation and review of California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA) documents for projects that may occur within the City of Bishop limits. As a public entity, the City of Bishop is considered the lead agency for the processing of projects within the City limits in compliance with CEQA.

A. Purpose and Background

The purpose of this Request for Qualifications (RFQ) is to provide the City with specific environmental consulting services and other related items when expedited services are needed. For each project for which services will be requested, the City will issue a Task Order to one or more firms under the On-Call Agreement and request a proposal.

The term of the As Needed, On-Call services contract(s) shall be for three (3) years. The contract(s) may be extended for one (1) year at a time, after the initial three (3) years, with written agreement of the City and the Consultant. The contract(s) may be extended until a five (5) year period is complete.

The City supports the Disadvantaged Business Enterprise (DBE) program and encourages the use of DBE consultants and subconsultants when possible. The primary purpose of the DBE program is to provide training, assistance, and services to minority, disadvantaged, and women business enterprises and provide equal opportunity. There is no DBE goal for participation in this RFQ. However, DBE goals will be given for the task orders if required.

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B. Scope of Services

Services provided by Consultant will be on an intermittent, as needed, On-Call basis. The Consultant shall have staff qualified to conduct all necessary environmental consulting work and written documents, including graphics.

Scope of Services may include, but are not limited to, the following tasks:

- Preparation of technical reports/memos and NEPA and CEQA documents or similar:
    - Natural Environment Study (NES) / NES Minimal Impacts
    - Biological Assessment
    - Revegetation Plan
    - Focused Plant or Animal Survey
    - Habitat Assessment
    - Wetland Delineation
    - Arborist Evaluation
    - Noise Technical Memorandum
    - Initial Site Assessment
    - Lead and Asbestos Testing
    - Historic Property Survey Report
    - Archaeological Survey Report
    - Historic Resources Evaluation Report
    - Finding of Effect
    - Water Quality Assessment Memorandum/Report
    - Caltrans forms, for example, Preliminary Environmental Study PES Form, Caltrans Floodplain Forms
    - Initial Study / Mitigated Negative Declaration / Mitigation Monitoring and Reporting Program
    - Environmental Impact Reports (EIR)

- Obtain sub-consultants for other as-needed professional environmental consultant services related to environmental analysis and surveying.
- Attend kickoff and other meetings at the City's request.
- Review CEQA/NEPA documents, plans, studies, and other documents on behalf of the City.
- Providing General Assistance and Support to comply with CEQA/NEPA requirements for both federal and/or state-funded projects.
- Consultation with City, Caltrans, or other agency staff.
- Reviewing environmental reports or technical studies.

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- Reviewing project permits.
- Identifying the components and requirements of a project.
- Conducting a site investigation to determine existing field conditions.
- Submitting a written proposal, including the scope of work, a not-to-exceed fee proposal, and a schedule.
- Compliance monitoring.

All work shall be in accordance with local, state, and federal standards when applicable.

All documentation, and graphics prepared under the terms of the Agreement with the City shall be delivered to the City and shall become the property of the City. Other work not required by the City, such as notes, sketches, charts, computations, and other data shall be available upon request to the City without restrictions or limitations.

C. Assignment of Work

The City will assign work to any of the contracted firms as deemed necessary. All work shall be performed under the direction of a licensed professional engineer registered with the State of California. No subcontractors shall be utilized without prior authorization by the City.

The consultant will have a prescribed number of working days, indicated in the Task Order, to submit the requested proposal. Failure to submit the proposal by the prescribed time may cause the proposal to be rejected and another firm assigned the task.

When services are being requested, the City will issue the Task Order to one or more of the firms under the On-Call Agreement and request a proposal, including project understanding, fee rates for the completion of the tasks, proposed methods, hours to be spent on tasks, and a schedule including the time needed to complete the tasks. The City will review proposals and will award the work based on qualifications for tasks and overall cost.

Project scheduling will be based on a task-to-task basis decided by the City and Consultant. Any changes in the schedule must have prior authorization by the City's Public Works staff. The final payment will be paid when all tasks are complete, and the City has received all the required documents.

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Schedule

The City of Bishop has set a schedule for the RFQ process. However, the services provided by the Consultant will be on an as needed, On-Call schedule.

Description	Estimated Completion Date
Advertisement of Request for Qualifications	February 12, 2024
Requests for Clarification/information Deadline	March 9, 2024
Statements Due	March 12, 2024
Interviews (if desired by City)	Week of March 25, 2024
Initial Selection	April 8, 2024
Contract Negotiations	Week of April 15, 2024
Present to City Council	April 22, 2024

D. City Provided Work and Information

If requested by Consultant, The City of Bishop will provide the following:

- City of Bishop Standard Plans
- Recorded maps showing parcel boundary information
- Topographic information if available
- GIS information if available
- Previously completed, project specific plans or reports
- Codes specific to Bishop

E. Selection Criteria and Process

The contract(s) will be awarded on the basis of demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required. There may be interviews for the top responsive firms. Statements will be reviewed by select City staff members and authorized City Representatives. The City will score each of the following criteria on a scale of 1-5 which will be multiplied by the weighted values, with 1 being below average and 5 being exceptional. City Staff will rate statements as seen in the following table:

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Criteria	Weight Factor	Rating (1-5)	Weighted Rating
A. Understanding of work to be done	0.10		
B. Responsiveness to request for qualifications	0.05		
C. Appropriateness and acceptability of approach and work plan, ability to develop proposals for issued task orders	0.15		
D. Ability to complete task orders in a timely manner	0.15		
E. Qualifications of the firm, consultant, and assigned staff	0.10		
F. Knowledge of and experience with similar work	0.15		
G. Local experiences & knowledge	0.15		
H. References	0.05		
I. Rating and ranking of interview (if conducted)	0.10		
		Total Score:	
Comments:			

The initial selection(s) will be based on the criteria listed in the table above. If clarification is required, a written questionnaire may be provided or an informal interview may be conducted. If an interview is conducted, it will be scheduled within three weeks following the statement submittal.

After selection of the top-ranked firm(s), the City will negotiate final contract terms. The goal of negotiations is to agree on a final contract that delivers the services and products required with reasonable fees. Compensation for the as needed, On-Call, agreements shall be handled through task orders and will be financed through project specific funding sources. Note, there is no expectation or guarantee of a total contract amount.

F. Proposed Response Format

The following statement format is required and has been designed to facilitate comparison among statements submitted. The statements should not exceed 15 pages, not including attachments. Future Task Orders assigned to awarded consultant(s) will have a separate proposal response format, provide by the City at the time of task requests.

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1. Cover Letter – Introduction

Provide a summary of the statement and demonstrate the firms understanding of the tasks, including general approach for scope of services provided in this RFQ. Include an introduction to the firm as well as a contact person's name, phone number, email address, and mailing address.

2. Qualifications, Experience, References

Prepare a summary of your firm's qualification and experience in similar projects. Include the names of clients, duration, and description of past or current assignments. Also, include names and telephone numbers of contact persons of as many as three (3) clients for whom your firm provided similar services.

3. Technical Approaches and Scope of Work

Provide typical work plans for various tasks in the Scope of Services. State the interpretation of the types of work to be performed. State a positive commitment to perform the work in the required manner and time frame. Demonstrate an understanding of the services being requested.

4. Staffing and Subconsultants

List the individuals that will participate on this agreement, including their staff classification. Please include a brief resume of experience in similar projects for each individual and proof of various professional registration, licenses, and certificates. Subconsultant statements and resumes may be submitted as an attachment.

If, at the time of a Task Order request, the Consultant(s) wishes to use subconsultants not specified in their RFQ statement, prior written approval must be received from the City. The City may provide the approval after review of the proposal(s) required for a Task Order. Subconsultants may be used for work such as traffic reports or studies, traffic studies reviews, and other as-needed technical studies.

5. Fees

Provide a price statement for general services in a separate, sealed envelope including a price for each typical deliverable. The price statement should include a list of staff hourly rates and other additional costs in the event that work is required outside of the typical design items outlined in this RFQ. Once City staff has made initial selections, the price statement will be opened and used as a basis for final scope and fee negotiations. Should those negotiations be successful, all other price statements will be unopened and shredded.

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G. Submittal of Statement

Submit two (2) signed hard copies and one electronic copy on a thumb drive of your entire statement in a sealed envelope labeled **"RFQ – As Needed, On-Call Services for COB"**. Label price statement as **"Price Statement for RFQ – As Needed, On-Call Services for COB"**. Submit statement to:

City of Bishop
377 West Line Street
Bishop, CA 93514
Attention: Michele Rhew, Public Works Secretary

Statements must be submitted, or postmarked, prior to **4:00 PM, Tuesday, March 12, 2023.**

If all required information is not provided, a statement may be considered nonresponsive and rejected without evaluations. Late submittals, submittals to the wrong location, or submittals with inadequate copies are considered nonresponsive and shall be rejected.

The City shall not, in any event, be liable for any pre-contractual expenses incurred by Consultant in the preparation of its statement. Consultant shall not include any such expenses as part of its statement. Pre-contractual expenses are defined as expenses incurred by the Consultant in:

- Preparing the statement in response to this RFQ;
- Submitting the statement to the City;
- Negotiating with City on any matter related to the statement; or
- Any other expenses incurred by the Consultant prior to date of award, if any, of the Contract.

Consultant statements and any contract entered into thereafter become the exclusive property of the City and shall be subject to the California Public Records Act (Government Code Section 6250 et seq.). The City's use and disclosure of its records are governed by this act. Those elements in each statement which Consultant(s) consider to be trade secrets, as that term is defined in Civil Code Section 3426.1(d), or otherwise exempt by law from disclosure, should be prominently marked as "TRADE SECRET", "CONFIDENTIAL", or "PROPRIETARY" by Consultant. The City will use its best efforts to inform Consultant of any request for disclosure of any such document. The City, shall not in any way, be liable or responsible for the disclosure of any such records including, without limitation; those so marked if disclosure is deemed to be required by law or by an order of the Court.

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H. Information and Inquires

Should a Consultant require clarifications to this RFQ, the Consultant shall submit a request for information (RFI) notify City Staff listed below in writing. Should it be found that the point in question is not clearly and fully set forth in the RFQ; the City may issue a written addendum clarifying the matter. RFIs should be submitted no later than April 20, 2023 to allow adequate time for the City to respond.

Substantive changes to the requirements will be made by written addendum to this RFQ. Any written addenda issue pertaining to this RFQ shall be incorporated into the terms and conditions of any resulting Agreement. The City shall not be bound to any modifications to or deviations from the requirements set forth in this RFQ as the result of oral instruction.

For further information, please contact:

Anastasiia Budnyk
Assistant Planner
(760) 873-8458 x 136
abudnyk@cityofbishop.com

I. Top Ranked List and Protests

Each Consultant who submits a statement shall be notified in writing regarding the Consultant(s) who were selected as part of the top ranked list. Such notification shall be made within 10 days of the list approval date.

Consultants may file a “protest” of a statement with the City. In order for a Consultant’s protest to be considered valid, the protest must:

- Be received in writing within 5 calendar days after the top ranked list is published;
- Clearly identify the specific irregularity or accusation;
- Clearly identify the specific City staff determination or recommendation being protested;
- Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid. If the protest complies with each of these requirements, the Project Manager or other designated City staff member shall review the basis of the protest and all relevant information. A member of the City Staff will provide a written decision to the protestor. The protester may appeal the initial decision to Deston Dishion, City Administrator, by

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filing a protest meeting and all five of the criteria listed above. This appeal must be received within 5 calendar days of the date of the initial City Staff written decision.

J. Sample Contract and Exceptions

The City of Bishop agreement for as needed, On-Call consulting services will be provided upon request. The firm should review the agreement and insurance requirements and indicate if there are any exceptions to the agreement requirements or language that requires further discussion or clarification. Noted exceptions may be considered in determining a proposer's responsiveness. The selected Consultant(s) shall be bound to accept all RFQ requirements and terms and conditions of the Form of Agreement not excepted in the statement.

K. Other Requirements

By submitting Qualifications, Consultant represents that it has thoroughly examined and become familiar with the work required under this RFQ and is capable of performing quality work to achieve the City's objectives.

All statements shall remain good for a minimum of 60 calendar days after the submission deadline or until final contract(s) are executed with the successful proposer(s), whichever occurs first.

By submitting Qualifications, Consultant warrants that any and all licenses and/or certifications required by law, statute, code or ordinance in performing under the scope of this RFQ are currently held by Consultant, and are valid and in full force and effect. All consultants for the City of Bishop must have or obtain a current business license from the City of Bishop.

Sincerely,

Deston Dishion
Planning Director
City of Bishop

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EXHIBIT B

CONSULTANT'S STATEMENT OF QUALIFICAITIONS

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City of Bishop

On-Call Environmental Services 2024

March 12, 2024

717 Market Street, Suite 400
San Francisco, CA 94103
650-373-1200 **panoramaenv.com**

PANORAMA ENVIRONMENTAL, INC.

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Appendix A: Resumes

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March 12, 2024

PANORAMA ENVIRONMENTAL, INC.
717 Market Street, Suite 400
San Francisco, CA 94103
ph: 650-373-1200

Michele Rhew
City of Bishop, Public Works Secretary
377 West Line Street
Bishop, CA 93514

Subject: Panorama Environmental, Inc., Statement of Qualifications for As Needed, On-call Environmental Services

Dear Ms. Rhew:

Panorama Environmental, Inc. (Panorama) is pleased to present the attached Statement of Qualifications (SOQ) to provide the City of Bishop (City) with environmental services to support the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) process.

About Panorama Environmental

Panorama is a San Francisco-based, women-owned environmental consulting firm with an over 40-year history providing multidisciplinary environmental planning services to public-sector and private clients. Panorama specializes in CEQA and NEPA environmental compliance, with specific experience preparing studies and documentation for transportation projects in compliance with California Department of Transportation (Caltrans) Standard Environmental Reference (SER).

Panorama is a privately owned California S-Corporation with two owners, Tania Treis and Susanne Heim. We have been in business as Panorama since 2011; however, our history extends back over 40 years as MHA and RMT. Panorama currently has over 40 employees located throughout California, Oregon, Nevada, and Idaho, including CEQA and NEPA specialists and project managers, GIS specialists, biologists, air quality and noise specialists, paleontologists, and visual resource specialists. We are certified as a small business enterprise (SBE), woman- and minority-owned business enterprise (WBE/MBE), and disadvantaged business enterprise (DBE).

Local Knowledge and Presence and Relevant Expertise

Panorama has over three decades of experience leading CEQA and NEPA analyses for projects in the Eastern Sierra region, including Mono and Inyo counties. We have held on-call environmental services contracts with Inyo County for almost 15 years, Mono County Planning Department for over five years, and Mono County Public Works for one year. We have led CEQA and NEPA documentation for dozens of transportation improvement projects in Inyo County in the last decade and are very familiar with the natural resources in the region. Panorama has specific experience preparing studies and NEPA and CEQA documentation for

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projects that require compliance with the Federal Highway Administration (FHWA) and Caltrans Local Assistance. Panorama staff are deeply familiar with the Caltrans SER. Panorama also has staff in Bishop and Lone Pine, California.

Highly Qualified Management Staff

Panorama's assigned contract manager is Susanne Heim, and the designated project managers are Rita Wilke and Jessica Koteen. Susanne is a Principal and co-owner of Panorama and has the ability to contract and obligate the company. Susanne also has over 22 years of experience leading CEQA and NEPA document preparation and can provide key strategic advice and support to Panorama clients if needed. Jessica Koteen and Rita Wilke are Senior Managers at Panorama. Jessica brings over 24 years of experience leading CEQA and NEPA documentation for public works projects as well as a variety of projects for the Bishop Paiute Tribe. Rita has over 13 years of experience leading similar efforts and managed the Inyo County Public Works on-call contract. In addition, Rita is an expert in implementing Caltrans SER for Local Assistance Program-funded projects.

Approach to the Scope of Work

Panorama's approach to the on-call contract includes close coordination with the City during the scoping of each task order to properly define the correct level of environmental review and necessary technical analysis to be included. Many projects may involve maintenance activities that qualify for Categorically Exemption (CatEx) under CEQA and Categorically Exclusion (CE) under NEPA. In addition, Caltrans SER often requires completion of biological and cultural resource evaluations or other technical analyses to support the NEPA CE. Because of Panorama's extensive experience completing the CEQA and NEPA processes and all supporting studies as well as permit compliance for public works projects, we are adept at developing a scope of work and budget for each project that matches the project requirements.

If you have any questions about this proposal, please feel free to contact me at (323) 646-0237 or jessica.koteen@panoramaenv.com.

Sincerely,

Jessica Koteen,
Senior Manager

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Qualifications, Experience and References

Panorama has led CEQA and NEPA documentation and resource permitting efforts for public works and planning projects in Inyo County and neighboring Mono County for over 30 years. As an on-call consultant to Inyo County Public Works, we have developed a strong working relationship with Caltrans District 9 Local Assistance Program staff, including local Caltrans biologists and archaeologists. Many of Panorama's documents, including PES forms, ASRs, NESs, and other technical reports, are accepted by Caltrans District 9 with minimal or no comments. In the last 15 years, we have completed CEQA and NEPA documentation for 17 Inyo County Public Works projects, including nine projects that required NEPA documentation including ASRs and NESs for Caltrans District 9.

Many of our key staff are locally based and able to mobilize to the City of Bishop rapidly if needed. Panorama Project Manager Jessica Koteen is based in Bishop, California. Rita Wilke is based in El Dorado County, California. Biologist Russell Koxk is based in Lone Pine, California, and archaeologist Peter Carey is based in Bishop, California. In addition to our local experience, our staff's location in proximity to the City of Bishop reduces travel time and expense to Bishop for any fieldwork conducted under the on-call contract.

Recent Relevant Project Experience

Panorama is highly qualified to support CEQA and NEPA compliance for City of Bishop projects. We have strong experience completing similar CEQA, NEPA, and permitting efforts in the region and have supported many public works departments across California with CEQA and NEPA documentation, including required baseline environmental impact analyses and studies, and obtaining required environmental permits from agencies. The project examples on the following pages demonstrate Panorama's local knowledge and relevant experience completing CEQA and NEPA documentation as well as obtaining other environmental clearances and permits for public works projects. Panorama has provided environmental services for more than 25 projects funded through the Caltrans Local Assistance Program in the last 5 years, and the majority of these projects have required a Natural Environment Study (NES) and Biological Assessment (BA) as well as Archaeological Survey Reports (ASRs)

In addition to Panorama's successful experience with similar projects, Panorama has included several specialty subconsultants on its team to support cultural and biological assessments, water quality assessments, and Phase I Environmental Site Assessments. ASM is a specialized cultural resource management (CRM) firm that brings directly relevant experience completing Caltrans ASRs and other services in compliance with Section 106 of the National Historic Preservation Act (NHPA) for public works and other projects in the City of Bishop. Our team of biologists are also very familiar with the flora and fauna of Inyo County and were specifically selected for this contract due to their experience completing similar NESs, including rare plant surveys, wetland delineations, invasive weed surveys, and focused wildlife surveys, to support the CEQA and NEPA processes, including Section 7 consultation under the federal Endangered Species Act (ESA).

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Inyo County On-call Environmental Services

Client:

Inyo County Public Works

Ashley Helms, Public Works Deputy Director of Airports

760.878.0200 office

ahelms@inyocounty.us

Date of Contract and Completion:
2004–2018

Key Staff:

Susanne Heim (Panorama)
Rita Wilke (Panorama)
Caitlin Gilleran (Panorama)
Russell Kokx (Panorama)

Project Description

Panorama provided as-needed environmental services to Inyo County to support Inyo County public works projects. Between 2004 and 2018, Panorama completed 17 projects with Inyo County Public Works Department. Projects included bridge repair and maintenance, road maintenance, stream and creek maintenance, bike lane construction, park and trail improvements, and railroad rehabilitation. Panorama has provided environmental services for several County projects located within the ICDPW right-of-way including Laws Railroad, Carroll Creek Road Bridge Replacement, and Walker Creek Road Bridge Replacement. Nearly all projects were funded through federal or state programs administered by Caltrans, such as the Highway Bridge, Highway Infrastructure, Local Highway Safety Improvement, Emergency Relief, Safe Route to School Program, and State Transportation Improvement programs. Programs administered by Caltrans require coordination with Caltrans Local Assistance staff and compliance with Chapter 6 (Environmental Procedures) of the Caltrans Local Assistance Procedures Manual (LAPM).

Outcome

Panorama prepared technical studies in compliance with Caltrans Standard Environmental Reference including biological, cultural, hazardous material, air quality, and visual studies. Panorama was responsible for preparing all CEQA and NEPA compliance documents including Initial Studies, Mitigated Negative Declarations, Categorical Exemptions, Categorical Exclusions, and Environmental Assessments. Panorama also coordinated with resource and land management agencies on behalf of Inyo County to prepare all necessary permit applications for the National Park Service, Bureau of Land Management, U.S. Forest Service, California Department of Fish and Wildlife, U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and U.S. Fish and Wildlife Service. Panorama has assisted the County with obtaining take coverage for Mojave desert tortoise and Mohave ground squirrel. Panorama has provided support during the construction phase by developing and administering worker trainings, completing preconstruction surveys for biological resources, and conducting mitigation monitoring.

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Mono County Planning Department On-Call Services

Client:

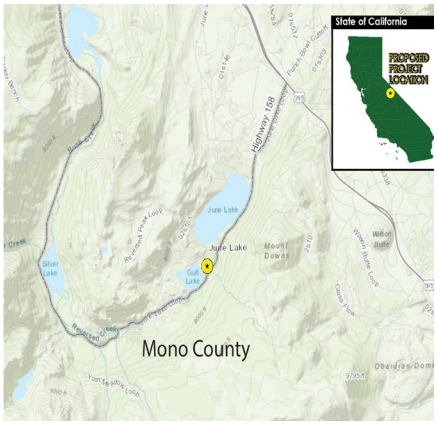
Mono County Planning Department

Wendy Sugimura
760-924-1814
wsugimura@mono.ca.gov

Date of Contract and Completion: 2018–current

Key Staff:

Susanne Heim (Panorama)
Jessica Koteen (Panorama)
Rita Wilke (Panorama)
Caitlin Gilleran (Panorama)
Russell Kokx (Panorama)



Project Description

Panorama provides on-call as-needed CEQA support services to the Mono County Planning Department. Projects have included cannabis use permits and permitting for residential and retail development and recreation projects. Panorama has prepared CEQA 15183 Exemptions and Initial Study/Mitigated Negative Declarations (IS/MNDs) in compliance with CEQA for projects throughout the County including developments within the June Lake, Benton, Crowley, and Sierra business park areas. Panorama's scope of services has also included air quality and greenhouse gas (GHG) analysis, vehicle miles traveled (VMT) analyses, cultural resource surveys and reports, and biological resource surveys and reports including rare plant surveys and wetland delineations. Under the on-call contract, Panorama responds to Mono County requests for proposals and develops a detailed scope, budget, and schedule for each project in coordination with County planning staff. Panorama then contracts with the County to implement the scope of work and complete the work within the defined schedule and budget.

In addition to our on-call CEQA compliance services, Panorama provided CEQA technical support for the Mono County update to the Climate Action Plan and establishment of the VMT thresholds for Mono County, both of which were adopted in 2022.

Outcome

Panorama completed the following CEQA documents under its on-call contract with Mono County:

- Apogee Farms IS/MND
- June Lake GHG and VMT analysis
- Bask Ventures 15183 Exemption
- County Line Ranch CEQA Initial Study
- June Lake Business Center 15183 Exemption

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Archeological Survey for the Airport Road Rehabilitation Project

Client:
Mono County for Caltrans
Chad Senior, Mono County Department of Public Works
760-924-1812
csenior@mono.ca.gov

Date of Contract and Completion:
2019–2020

Key Staff:
Peter Carey (ASM)

Project Description

ASM was contracted by Mono County to conduct an Archeological Survey Report (ASR) and Extended Phase One Investigation (XPI) for a road rehabilitation project near the Mammoth Yosemite Airport for compliance with Section 106 of the NHPA in order to obtain a Categorical Exclusion under NEPA. The proposed project included the rehabilitation of failing asphalt concrete, feasibility analysis, and repair and replacement of existing metal culverts in order to maintain existing roadside drainage. In order to begin proposed services, ASM obtained an Organic Act permit from the USDA Forest Service (USFS) Inyo National Forest (INF). ASM then completed research and review of records from the Eastern Information Center, USFS, and Native American Heritage Commission. Formal Native American outreach letters were sent by ASM on behalf of Caltrans. ASM completed an intensive pedestrian survey and prepared a final ASR report presenting the results of the cultural resources identification efforts. Following acceptance of the ASR, ASM was further requested by Caltrans to conduct an XPI of the project APE for subsurface resource potential. ASM excavated 10 shovel test pits within the APE. Results of the XPI and a finding of effect for the project for compliance with Section 106 of the NHPA was provided in the Draft and Final XPI report.

References

Panorama's references can speak to our experience with similar NEPA, CEQA, and permitting projects for public works and local projects. A list of references for Panorama is provided below.

Reference: Wendy Sugimura,
Community Development Director
Mono County Planning Department
Phone: 760-924-1814
Email: wsugimura@mono.ca.gov

Reference: Ashley Helms, Public Works Deputy Director of Airports, Inyo County Public Works
Phone: 760-878-0200
Email: ahelms@inyocounty.us

Reference: Juan Cruz, PE, Senior Engineer
Consor Engineering
Phone: 1-916-368-9181
Email: Juan.Cruz@consoreng.com

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Technical Approach and Scope of Work

Panorama is a full-service team with qualified staff to provide additional services listed in the RFQ, including various cultural resources evaluations, water quality assessments, and hazardous materials assessment, among others.

CEQA/NEPA Compliance Documents

Panorama's approach to successful implementation of public works projects and obtaining CEQA and NEPA clearance include the following:

- Defining the appropriate pathway for CEQA and NEPA compliance
- Conducting studies and impact analyses as required to support the CEQA and NEPA compliance processes
- Coordinating with the CEQA and/or NEPA Lead Agencies and technical staff throughout the CEQA and NEPA process
- Supporting consultations and public outreach efforts in compliance with CEQA and NEPA

The first step in any CEQA and NEPA compliance effort is determining the appropriate CEQA or NEPA compliance pathway and defining the technical studies required for the project.

Natural Environment Study (NES)/NES Minimal Impacts, Biological Assessments, Focused Plant or Animal Surveys, and Habitat Assessments

Panorama has developed a team of biologists to support the City of Bishop with a variety of as-needed biological resources services. Our team includes Panorama staff with support from Kleinfelder. Our staff are familiar with regulations protecting endangered, threatened, and special-status species. We regularly assist our clients in obtaining permits by consulting with agency staff, preparing permit applications, and reviewing draft permits.

Revegetation Plans

Panorama's team provides habitat restoration and vegetation enhancement plans that increase the ecological functions and value of the habitat on a project site to meet regulatory agency requirements. Our team has experience with a wide variety of habitat enhancement techniques and uses state-of-the-art management tools and monitoring methods. Our successful restoration and mitigation projects result from a collaboration of hydrologists, engineers, landscape architects, agency staff, and the public.

Wetland Delineation

Our team has highly qualified staff to perform wetland and waters delineations and completed wetland assessments to support CEQA and NEPA analyses and wetland regulatory permit applications. The wetland delineations are conducted in accordance with the USACE Wetland Delineation Manual, Arid West Supplement and Mountains, Valleys, and Coast Supplement and the State Water Resources Control Board's definition of wetlands and waters of the state.

Arborist Evaluations

The Panorama team includes certified arborists that would be available as needed for services requiring a variety of tree assessments from surveys to tree condition evaluations, risk

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assessments, tree structure evaluations, and mitigation reporting. Depending on the needs of the project, the arborist would review the project description, determine potential impacts to trees, and further assess the conditions of trees, avoidance strategies, or mitigation.

Noise Technical Memorandum

Panorama's in-house staff have conducted noise monitoring and evaluation for dozens of CEQA projects. Panorama's noise impact analysis experience includes, but is not limited to, the following:

- Vibration and noise impacts from pile driving and blasting
- Noise monitoring and impact analysis from trenching and underground utility construction in roads
- Noise modeling for construction

Panorama has developed a noise model to address impacts from trenching for underground utilities. Panorama's approach to noise analysis starts by evaluating noise sensitive receptors in the project vicinity. Panorama then obtains information on baseline noise levels and proposed equipment use to evaluate the potential project impacts.

Archaeological and Architectural History Surveys/Reporting:

ASM has conducted and prepared numerous cultural surveys within the Owens Valley area, including conducting records searches and reviewing previous cultural reports. ASM has worked on Caltrans related projects, which involve discussion with Caltrans personnel to identify the approved project APE. In addition, we will request a search of the Sacred Lands File (SLF) by the Native American Heritage Commission (NAHC) in order to identify any areas of Native American heritage significance that may be impacted by project development. Should the project area also contain built environment resources more than 45 years old, ASM will complete additional records searches that could include titles searches, chain of ownership, Assessor's records, and historic research on the history of the property at local repositories, previously developed contexts, and organizations within the City. At the completion of archival research, ASM architectural historians and/or archaeologists will perform intensive field surveys. Evaluations of potential historical resources will be conducted under the appropriate context and themes established by the City and in conformance with National Register of Historic Places (NRHP) Bulletin *How to Apply the National Register Criteria for Evaluation*, the California Office of Historic Preservation's *Instructions for Recording Historical Resources*, and Technical Assistance Series #7, *How to Nominate a Resource to the California Register of Historical Resources* as well as any additional requirements (Caltrans, etc.). If potentially significant archaeological sites are identified, evaluation of their eligibility for the NRHP, California Register of Historic Resources, or local register(s) may be required if site avoidance cannot be achieved due to project constraints. ASM will provide a cultural resources technical report in compliance with City, local, State, and federal guidelines as needed to summarize the results of the survey, assess impacts to identified resources, and provide mitigation recommendations.

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Water Quality Assessments

Kleinfelder has extensive experience preparing a variety of water quality assessment work plans for municipal and regulatory agencies. We understand the work plans we prepare are reviewed by regulators and each component should specifically address the needs of the project with regards to professional and regulatory standards such as the Clean Water Act, groundwater, and drinking water. As water quality can be expressed in several different ways, Kleinfelder employs experts that understand groundwater, wastewater, surface water, and stormwater. Kleinfelder's experience spans working with local municipalities, State of California EPA/Regional Water Quality Control Boards/Department of Toxic Substance Control, CalTrans, California Department of Water Resources, the U.S. Army Corps of Engineers, the U.S Bureau of Reclamation, and others.

Initial Site Assessments and Lead and Asbestos Testing

Public works projects have the potential to require Phase I Environmental Site Assessments (ESAs) and Initial Site Assessments (ISAs) due to the age of infrastructure and historic or existing surrounding land uses. Older bridges may contain asbestos or lead paint and may require remediation or specific construction measures to limit the potential for worker or public exposure to hazardous materials. Panorama has managed many Phase I ESAs, ISAs, and Phase II ESAs. We are very familiar with the laws applicable to hazardous waste disposal and management. We have included Kleinfelder on the team to support Phase I ESAs and other hazardous materials assessments and surveys as those needs arise.

Mitigation Planning and Implementation

Panorama and our subconsultant team partners at Kleinfelder have developed mitigation plans for biological resources and led implementation of mitigation plans. Panorama develops a detailed mitigation monitoring and reporting program for every CEQA project and is often contracted to implement mitigation measures during construction. We have developed a cloud-based application to collect data in the field and automatically generate monitoring reports during construction to assist with timely filing of any required mitigation reports in compliance with permit requirements or other project conditions.

Compliance Monitoring

Panorama has developed a web-based real-time mitigation monitoring and reporting system that would expedite and streamline the mitigation monitoring process for the City of Bishop projects. The PanoFACTS system includes photo-documentation of any issues noted in the field, and an email report is instantaneously sent to Panorama and the City of Bishop Project Manager when the field monitor leaves the field so that both Panorama and the City are immediately informed of any issues that are documented in the field along with photo evidence of the issue. This instant reporting allows Panorama to quickly respond to and resolve any issues that are noted during the mitigation monitoring and compliance process.

The Panorama team has substantial experience preparing detailed Mitigation Monitoring, Compliance, and Reporting Plans (MMCRPs) as well as working with our clients to ensure all pre-construction reporting and compliance measures are addressed prior to construction.

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Staffing and Subconsultants

Team Expertise and Experience

Panorama has assembled a team of highly qualified environmental planners and technical specialists to support the City of Bishop with CEQA and NEPA compliance. Our objective is to provide all required CEQA and NEPA documentation, mitigation planning (if needed), and technical expertise to support the City from the early phases of a project through implementation. We have focused on building a team of subconsultants who have worked successfully with Panorama in the past, have direct experience in the project area, and have similar work with other agencies across the state.

Panorama's assigned contract manager is Susanne Heim, and the designated project managers are Rita Wilke and Jessica Koteen. Susanne is a Principal and co-owner of Panorama and has the ability to contract and obligate the company. Susanne also has over 20 years of experience leading CEQA and NEPA document preparation and can provide key strategic advice and support to Panorama clients if needed. Jessica Koteen and Rita Wilke are Senior Managers at Panorama. Jessica brings over 24 years of experience leading CEQA and NEPA documentation for public works projects, and Rita has over 13 years of experience leading CEQA/NEPA services for public works projects. Rita is an expert in implementing Caltrans SER for local assistance program funded projects. Our key staff resumes are included in Appendix A.

Subconsultants

The Panorama business model is based on bringing our clients the right team members and technical specialists for each project. We have specifically selected our subconsultant team partners for the City of Bishop on-call environmental services contract based on their knowledge of the local environmental resources and our past successful experience demonstrating their technical excellence, high quality work, and ability to successfully complete work on time and within budget.

Subconsultants are held to the same contracting standards as Panorama. When Panorama is awarded a contract, we prepare a subcontract for subconsultants that includes a copy of the client's contract terms and conditions. Subconsultants are required to supply Panorama with a certificate of insurance that meets Panorama's and the client's insurance requirements. Panorama is proposing to use the subconsultants listed below to fulfill specific needs of this contract.

ASM Affiliates

ASM is an SBE-certified cultural resource management firm specializing in archaeological and historical studies for compliance with local, state, and federal environmental requirements. Since incorporation in 1977, the firm has successfully completed more than 5,000 cultural resource investigations for both private sector clients and public agencies throughout the western and Pacific U.S. With regional offices in Reno, Nevada, and Bakersfield, California, and local staff in Bishop, ASM has the geographic capability to support projects in the City of Bishop regardless of project location, size, or scope. ASM's team of technical experts possesses the

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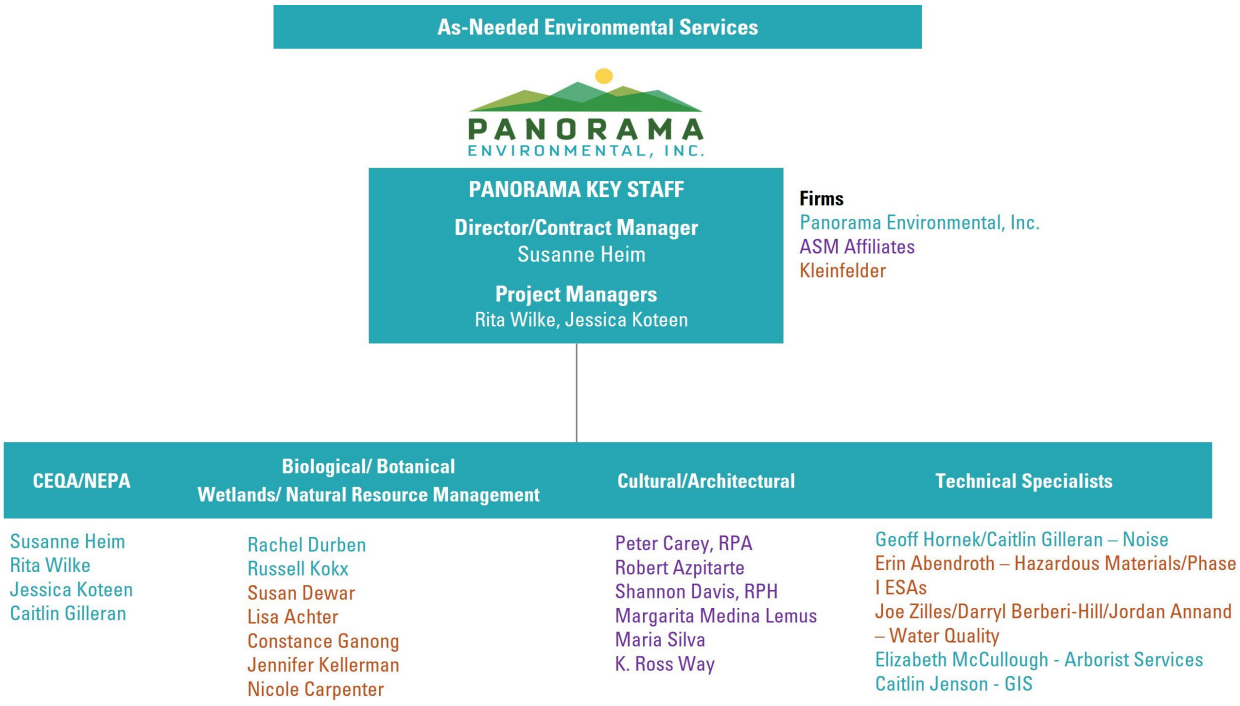
regulatory and regional expertise needed to assist in the completion of Archaeological and Cultural Resource Studies to support IS/MNDs and EIRs for all types of projects, including, but not limited to, planning, infrastructure, transportation, land development, and pipelines/rights-of-way.

Kleinfelder

As part of the Panorama team, Kleinfelder would be supporting a variety of services including biological resources studies, water quality assessments, and Phase I Environmental Site Assessments. However, due to the extensive list of services, they would be available to provide other environmental services as the needs come up. Kleinfelder staff has extensive experience conducting general and protocol-level surveys for wildlife and botanical resources across California. Kleinfelder has successfully completed several projects near the City of Bishop that include vegetation management and restoration, aquatic ecology (amphibian, fish, benthic macroinvertebrates, water quality), terrestrial ecology (mammals, raptors, rare plants, riparian vegetation, noxious weeds monitoring), and wetlands (jurisdictional delineations and permitting strategies).



Key Staff Qualifications

Our key staff meet and exceed the minimum qualifications identified in the RFQ. Resumes for all key staff are provided in Appendix A. Table 1 includes a summary of the applicable experience of our proposed key staff and technical leads.

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Table 1 Summary of Key Staff Qualifications

Name title, and project role	Qualifications/expertise	Relevant experience
Susanne Heim **Title**: Principal **Role**: Director/contract manager **Years of Experience:** 21	**Education:** • M.A., Environmental Policy, University of Nevada Reno • B.A., Political Science, University of California San Diego	• Principal-in-charge for Panorama's current on-call contract with Mono County Planning Department to prepare CEQA documentation and supporting technical analyses • Principal-in-charge for Panorama's current on-call contract with Mono County Public Works Department, including preparation of CEQA and NEPA documents and technical supporting analyses in compliance with Caltrans SER • Project manager for the Inyo County Walker Road and Carroll Creek Road Bridge Replacement Project IS/MNDs and Caltrans NEPA documentation
Rita Wilke **Title**: Senior Manager I **Role:** Project manager **Years of Experience:** 13	**Education:** • B.S., Ecology (*cum laude*), San Francisco State University • B.A., German (*cum laude*), San Francisco State University • A.A., Humanities, Folsom Lake College	• Project Manager for 15 public works projects in the Eastern Sierra, including nine projects funded with FHWA funding. • Project manager for the Plumas County Spanish Ranch Road Bridge Replacement Project and assisting the County with environmental oversight, which included preparing an expedited CDFW incidental Take Permit application within one week of receiving notice to proceed
Jessica Koteen **Title**: Senior Manager I **Role:** Project manager **Years of Experience:** 24	**Education:** • M.S., Environmental Economics (Recreation and Instream Flows emphasis), Colorado State University • B.S., Environmental Economics, Colorado State University	• Project manager for Panorama's current on-call contract with Mono County Public Works Department, including preparation of CEQA and NEPA documents and technical supporting analyses in compliance with Caltrans SER. • Project manager for various NEPA compliance documents for the Bishop Paiute Tribe • Project manager for the West Fork Russian Riverbank Stabilization Project, which involves permitting and CEQA/NEPA compliance to support Bank Stabilization of the West Fork Russian River within the Coyote Valley Band of Pomo Indians Reservation.

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Name title, and project role	Qualifications/expertise	Relevant experience
Rachel Durben **Title:** Environmental Scientist II **Role:** Biologist **Years of Experience:** 13	**Education:** • M.S., Biology, Northern Arizona University • B.S., Zoology, Northern Arizona University	• Deputy Project Manager and Biologist for the LNF's Dixie Postfire Recovery and Restoration Project, a post-wildfire NEPA compliance project with the Lassen National Forest's three districts; Environmental Assessment and all supporting documentation in support of the NEPA process • Project management for the development of an EA, various technical reports (including reports for wildlife, botany, archaeological resources, hydrology, and management indicator species), and a biological assessment (BA) in compliance with Section 7 of the ESA for the West Slope Community Protection Project in the Plumas National Forest, California
Elizabeth McCullough **Title**: Environmental Analyst II **Role:** Certified arborist **Years of Experience:** 11	**Education:** • B.S., Environmental Science Technology and Policy, California State University Monterey Bay **Certifications** • ISA Certified Arborist, WE-13197A • Cal Fire: Certified Cultural Resources Surveyor. Class 168	• Tree inventory and tree protection plan for the College Hill Reservoir Project; inventoried 85 trees and identified over 40 tree species; recorded the species and GPS location of each tree; wrote a tree protection plan that listed protection measures for the trees that had been identified have the potential impacts • Tree inventory and tree appraisal for trees in the project area for a project that involved excavating a trench to bury transmission lines and improving water resources within the area, within which trees were severely damaged and infected with Magnolia Canker Disease; gave the project team recommendations to revise the project alignment to avoid impacts to the trees as the project originally required digging within the trees' critical root zone • Conducted a tree inventory for over 1,000 trees for project that included tree removal within a drainage near the Valley Memorial park for wildfire removal and protection purposes; discovered trees within the project area were infected with heart rot and scale insects and gave recommendations to the client for trimming the trees for fire resiliency as well as mitigating tree diseases and insects
Caitlin Gilleran **Title**: Senior Project Manager I **Role:** Noise specialist **Years of Experience:** 14	**Education:** • B.S., Environmental Management and Protection, emphasis in science and city and regional planning, California Polytechnic State University San Luis Obispo	• Prepared the Walker Creek Road Bridge Replacement Project IS/MND and CE and the Carroll Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA). Both projects used Federal Highway Administration (FHWA) funding for the bridge replacement and required CEQA and NEPA documentation • Project Manager for the June Lake Business Center Development Project Categorical Exemption Checklist (Mono County, CA), which involved demolition of existing structures and construction of two multi-family buildings and two commercial buildings

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Name title, and project role	Qualifications/expertise	Relevant experience
Russell Kokx **Title**: Environmental Scientist II **Role:** Biologist **Years of Experience:** 25	**Education:** • B.A., Environmental Biology California State University, Fresno	• Inyo County local with over 25 years of professional experience in environmental consulting completing biological assessments, performing botanical and wildlife surveys, mitigation monitoring, and delineations.
Susan Dewar **Title**: Senior Project Manager **Role:** Restoration ecologist **Years of Experience:** 21	**Education:** • Bachelors, Landscape Architecture, University of California, Davis, CA, 2003 • Masters, Ecology, University of California, Davis, CA, 2006 **Registrations/certifications:** • Registered Landscape Architect, No. 5640 • Certified Arborist, No. WE-7374A	• Over 20 years of experience with natural resources permitting and compliance, with a strong background in restoration and mitigation design, ecological surveying and monitoring, environmental permitting, regulatory compliance, and monitoring of restoration projects • Preparation of habitat mitigation and monitoring plans for various permit requirements, Biological Assessments for Federal Endangered Species Act Section 7 consultations, special-status plant salvage plans, and wetland delineations in support of Clean Water Act sections 401 and 404 permits and California Fish and Game Code Section 1600 Lake and Streambed Alteration Agreements.
Joseph Zilles, P.G. (CA) **Title**: Senior Project Manager **Role:** Geologist/ hydrogeologist **Years of Experience:** 27	**Education:** • BA, Geology, California State University System: Sacramento, California, 1998 **Registrations/Certifications:** • CA Professional Geologist No. 7787 (exp 4/30/22)	• Management of hydrogeologic projects throughout the United States and abroad; hydrogeologic evaluations, water supply assessments, pre-construction permitting (local and state); conducting of well pumping tests, aquifer analysis, and water quality investigations. • Project management, personnel management, preparing specifications, well site permitting, construction management, coordination of design implementation, geophysical log interpretation, and report preparation

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Name title, and project role	Qualifications/expertise	Relevant experience
Peter Carey, MA, RPA **Title:** Sr. Archaeologist III **Role:** Archaeologist **Years of Experience:** 15	**Education:** • M.A., Anthropology, University of Nevada, Reno • B.S., Anthropology, option: cultural resource management , California State Polytechnic University, Pomona **Registration/certifications:** • RPA, 2013 (#17880) • Meets Secretary of Interior Professional Qualification Standard for Archaeology	• Project manager for the Archaeological Survey for the Airport Road Rehabilitation Project, Mammoth Lakes, Mono County, CA. • Crew chief for the Cultural Resources Survey in the Bodie Hills, Mono County, CA.; direction of crews in pedestrian survey, identification of cultural resources, and site recordation in the Bodie Hills prior to a fuel reduction project; responsible for preparation of DPR forms for archaeological sites and preparation of technical report • Field archaeologist for the Cultural Resources Survey in Mammoth Lakes, Mono County, CA; pedestrian survey and site recordation in the Mammoth Lakes and June Lake area in the Inyo National Forest; responsible for the identification and documentation of archaeological resources in the area
Shannon Davis, RPH **Title:** Architectural Historian III **Role:** Architectural historian **Years of Experience**: 26	**Education:** • M.A., Historic Preservation, George Washington University, Washington, D.C. • B.A., American History, University of Southern California, Los Angeles **Qualifications:** • Meets Secretary of Interior Professional Qualifications Standard for Architectural History and History	• Project manager and senior architectural historian for the Bridgeport PUD Arsenic Treatment Project; compilation of an Integrated Cultural Resources Management Plan in collaboration with installation staff, working with Marine Corps to establish cultural resource and preservation goals and objectives and synthesizing previous studies to develop one comprehensive planning document for installation that had not previously had any preservation management plan • Project manager and senior Architectural Historian for the Verde School Bridge Replacement Project in Imperial County. Shannon managed an Historic Property Survey Report, Historic Resource Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report to replace the Bridge in compliance with Caltrans District 11 and the FHWA responsibilities under CEQA, NEPA, and the National Historic Preservation Act

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Appendix A: Resumes

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PANORAMA ENVIRONMENTAL, INC.

SUSANNE HEIM, PRINCIPAL

Overview of Experience and Expertise

Susanne has 20 years of experience managing preparation of California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance documents. Susanne is also skilled in multi-agency coordination and permitting support in compliance with the Endangered Species Act, Clean Water Act, and California Endangered Species Act. Susanne has specific experience managing CEQA compliance and studies for projects in Inyo County and Mono County, CA. As a Principal at Panorama, she serves as a contract manager and Project Director for several Panorama public works contracts and other similar on-call contracts. Susanne is a co-owner of Panorama Environmental and she provides direction to staff, coordinates with clients and stakeholders, and provides QA/QC for Panorama work products to ensure our high quality of service.

EDUCATION

- M.A., Political Science – Environmental Policy, University of Nevada, Reno
- B.A., Political Science - International Relations, University of California, San Diego

AWARDS

- Lake Tahoe Environmental Improvement Program Award - 2009

SPECIALIZED TRAINING

- Wetland Training Institute, Wetland Delineation Training Program
- Streambank Soil Bioengineering Technical Training Workshop, Churchill County
- Water Rights, Allocation and Resource Management
- Environmental Concern, Wetland Law
- and Policy

Key Projects

Client: **Sonoma County Public Works**
Project: **Freestone Flat Road Bridge Replacement Project (Sonoma County, CA)**
Role: **Project Director**

The project involved replacement of the functionally obsolete Freestone Flat Road bridge in Sonoma County, California. As Project Director, Susanne was responsible for quality assurance/quality control review of the Initial Study/Mitigated Negative Declaration (IS/MND) and technical studies for biological, cultural, and hydrologic resources. Susanne also supported development of the permitting strategy and coordinated with the Project Manager to evaluate options to the project to reduce permit requirements and ensure faster approval of the biological assessment (BA).

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Client California Public Utilities Commission
Project Ivanpah-Control Transmission Line Rating and Remediation Program (Inyo, Kern, and San Bernardino Counties)
Role: Deputy Project Manager

Susanne is serving as a Deputy Project Manager for preparation of the Environmental Impact Report (EIR) in compliance with CEQA for the 360-mile long Ivanpah-Control Project. The project involves replacement of existing Southern California Edison transmission structures adjacent to SCE's existing transmission lines, Key issues have included high density of cultural resources near Crater Mountain, impacts on Manzanar historic site, and impacts on Fossil Falls. Susanne has helped develop a strategy for coordination with BLM on the EIR and EIS as well as provided review of documents for compliance with CEQA and CPUC procedures.

Client Quincy Engineering
Project Walker Road Bridge and Carroll Creek Road Bridge Replacement Projects (Inyo County)
Role: Project Manager

Susanne was the Project Manager assisting with preparation of environmental studies and documents in compliance with Caltrans Standard Environmental Reference for replacement of the Walker Creek Road Bridge and Carroll Creek Road Bridge in Inyo County, California. The projects are located within Caltrans District 9 and preparation of environmental documentation included close coordination with Caltrans staff during preparation of environmental studies including the Natural Environment Study and Historic Resources Evaluation Report in addition to coordination with Inyo County for preparation of the Initial Study and Mitigated Negative Declaration for compliance with CEQA.

Client Quincy Engineering
Project Ed Power Road Bicycle Lane (Inyo County)
Role: Project Manager

Susanne was the Project Manager assisting with preparation of environmental studies and documents in compliance with Caltrans Standard Environmental Reference for addition of a bicycle lane on Ed Powers Road in Inyo County, California. The bicycle lane addition included extension of a culvert, which required a Streambed Alteration Agreement (SAA) from California Department of Fish and Wildlife (CDFW). Susanne assisted the County with completing all required studies for Caltrans approval as well as obtaining CDFW approval for the SAA.

Client: San Francisco Public Utilities Commission
Project: As-Needed Sewer System Improvement Program (SSIP) and Hetchy System Improvement Program (HSIP) Environmental Services
Role: Principal

Susanne served as the Principal for Panorama's task orders under the on-call SFPUC contract under a JV with ICF. As the Principal, Susanne is responsible for ensuring compliance with SFPUC contract requirements including documentation for additional staff or task order modifications as well as authorization of subcontracts with Panorama's subcontractors under the JV.

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PANORAMA ENVIRONMENTAL, INC.

RITA WILKE, SENIOR MANAGER I

Overview of Experience and Expertise

Rita joined Panorama in 2012 and has 12 years of experience in the environmental field. Rita is a skilled project manager for projects requiring environmental review under the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA). Rita has managed environmental compliance and conducted impact analyses for a variety of projects including fire and fuels management, electricity and water transmission, energy, transportation, and redevelopment projects. Rita has a strong understanding of permitting processes and has prepared permit applications for U.S. Army Corps of Engineers (USACE), California Department of Fish and Wildlife (CDFW), and Regional Water Quality Control Boards. Rita has also managed the preparation Biological Assessments to support U.S. Fish and Wildlife Service (USFWS) consultation under Section 7 of the Endangered Species Act. She has experience coordinating with state and federal agencies throughout project definition, preparation of the environmental document, and project construction. Rita manages and conducts compliance monitoring for public works and transmission projects.

Rita is also trained to conduct noise monitoring and data collection. She collaborated with noise technical experts to prepare an updated version of the Federal Highway Administration's Roadway Construction Noise Model (RCNM). The updated model is based on over 50 hours of data collection and is tailored to water pipeline construction projects. Although the updated model is based on water pipeline construction noise, some of the key findings from the noise monitoring efforts translate broadly to a variety of projects. Rita applies these findings to her analysis when considering impacts of a project.

EDUCATION

- B.S., Ecology, San Francisco State University (cum laude)
- B.A., German, San Francisco State University (cum laude)
- A.A., Humanities, Los Rios Community College

SPECIALIZED TRAINING

- Advanced CEQA Workshop, Association of Environmental Professionals (AEP)
- Basic CEQA and NEPA Workshops, AEP
- Restoration Ecology Field Course, San Francisco State University, Spring 2009
- Wetland Delineation Training Program. 40-Hour, fulfilling U.S. Army Corps of Engineers Wetland Delineation Training Requirements, April 2019

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Key Projects

Client Inyo County Department of Public Works
Project Walker Creek Road Bridge Replacement Project (Inyo County, CA)
Role Project Manager

The project involves the construction of a new bridge over the Los Angeles Department of Water and Power's (LADWP) Los Angeles Aqueduct and taking the existing bridge out of service. The approach road to the bridge would be realigned. The project uses Federal Highway Administration funding for the bridge replacement and requires CEQA and NEPA documents. Caltrans (delegated by FHWA) is the NEPA lead agency. Rita is managing the environmental studies and reports that will be used to support the NEPA and CEQA document. She is also managing agency coordination. Rita worked with the County and engineering team to define the project and prepare the Initial Study/Mitigated Negative Declaration under CEQA. The project is within known desert tortoise habitat and cultural resource sensitivity in the area is high. Rita managed the preparation of the IS/MND and all environmental studies. Rita also managed the preparation of a Biological Opinion to support consultation with USFWS. Rita conducted consultation with CDFW and managed the preparation of the application for Incidental Take Permit (desert tortoise and Mohave ground squirrel) from CDFW.

Client Inyo County Department of Public Works
Project Carroll Creek Road Bridge Replacement Project (Inyo County, CA)
Role Project Manager

The project involves installation of a new bridge over the LADWP's Los Angeles Aqueduct and taking the existing bridge out of service. A portion of the approach road would be realigned. The project is funded by the Federal Highway Administration and requires environmental studies to be conducted in coordination with Caltrans, the NEPA lead agency. The project also involves acquiring right-of-way from BLM for the realigned bridge approach roadway. Rita worked with the County and engineering team to define the project and prepare an IS/MND under CEQA. Rita also prepared environmental studies using Caltrans Standard Environmental Reference to support a NEPA Categorical Exclusion.

Client Inyo County Department of Public Works
Project Upper Trona Wildrose Road Scour Repair Project (Inyo County, CA)
Role Project Manager

Rita worked with the County and engineering team to define impacts of severe desert storms on Trona Wildrose Road, north of Panamint Valley Road, which occurred in July 2013. The project is funded by the California Office of Emergency Services and therefore involves strict adherence to funding requirements. This portion of Trona Wildrose Road crosses Death Valley National Park and BLM land. Rita coordinated environmental review, project approval, and construction schedules with NPS and BLM. A challenging aspect of this project was identifying environmental review procedures of each federal agency and preparing a single environmental document that addressed the concerns of all parties. Rita managed biological and cultural subcontractors who conducted pedestrian surveys and prepared report findings. Rita managed the preparation of permit applications to CDFW and the Regional Water Quality Control Board.

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Permits were deemed complete upon first draft thereby expediting the process of receiving permits. The project was successfully constructed in the summer of 2017.

Client Inyo County Department of Public Works
Project Trona Wildrose Road (South of Panamint Valley Road) Emergency Opening and Permanent Restoration Project (Inyo County, CA)
Role Environmental Scientist/Project Manager

The project involves the emergency reopening and permanent restoration of Trona Wildrose Road south of the intersection with Panamint Valley Road. As an Environmental Scientist, Rita worked with the project manager and engineering team to define impacts of severe desert storms on Trona Wildrose Road, which occurred in July 2013. Rita mapped the ephemeral waterways within the project area using aerial imagery and data from biological surveys. Rita drafted the permit notification package for a Streambed Alteration Agreement from CDFW. Rita is the Project Manager for construction support and is managing biological studies and mitigation monitoring to ensure permit compliance throughout road paving and revegetation activities. Support activities include agency and meeting coordination, revegetation plan definition, and consensus building between all parties involved. The project's revegetation phase requires coordination with Inyo County, BLM, and Caltrans.

Client Inyo County Department of Public Works
Project Inyo County Emergency Road Reopenings (Inyo County, CA)
Role Environmental Scientist

Rita worked with the Panorama team project manager to define the project by identifying impacts of the July 2013 desert storms on eight affected Inyo County roads. Impact areas along eight desert roads were mapped using Google Earth imagery. Rita and another staff member prepared permit applications for California Department of Fish and Wildlife and Lahontan Water Quality Control Board. Rita also prepared Caltrans Preliminary Environmental Study (PES) forms for four impacted roads.

Client County of Inyo
Project Lone Pine Roadway Rehabilitation and Bike Lane Project (Inyo County, CA)
Role Project Manager

The Inyo County Public Works Department proposes roadway and pedestrian improvements to 12 streets in the town of Lone Pine, California. Improvements include resurfacing of roadways, adding bike lanes, and installing ADA-compliant pedestrian facilities. Rita prepared the Preliminary Environmental Analysis Report (PEAR) following Caltrans format. The PEAR supports the project's Project Study Report, which is used to initiate a project and identify funding allocations. Rita managed biological surveys to identify potential biological impacts of project construction and prepared a preliminary environmental budget to secure adequate funding. The project was on a fast-track schedule and all work needed to be completed in 1 month.

Client County of Inyo
Project Sunland Drive Culvert Extension Project (Inyo County, CA)
Role Project Manager

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The County had recently widened Sunland Drive to include bike lanes but the new road width was too wide for the existing culvert and edges of the road were in danger of sloughing into the waterway. Rita assisted the County in obtaining a 401 and Waste Discharge Requirements Certification from the Lahontan Regional Water Quality Control Board for a culvert that needed to be extended. Rita consulted with Water Board staff and drafted the permit application. The permit was received within 60 days of Panorama receiving notice to proceed.

Client Plumas County Department of Public Works
Project Spanish Ranch Road Bridge Construction Oversight (Plumas County, CA)
Role Project Manager

The project involves replacing Spanish Ranch Road Bridge, a single-span one-lane bridge over Spanish Creek, with a new, double-span two-lane bridge in the same alignment. The purpose of the project is to improve public safety, address the structurally deficient bridge, and increase creek capacity under the bridge during high-flow events. Rita provided environmental compliance oversight for construction of the bridge. Rita negotiated a 1600 permit amendment to modify the permitted construction detour and managed preparation of an Incidental Take Permit application in one week of observing foothill yellow-legged frog and Sierra Nevada yellow-legged frog during pre-construction surveys. The Incidental Take Permit application was received within 2 months of observing the frogs on site.

Client City of Calexico
Project New River Improvement Project – Calexico Reach Regulatory Compliance (Calexico, CA)
Role Project Manager

Panorama assisted the City of Calexico with obtaining permits from regulatory agencies (CDFW, USACE, Colorado River Basin Regional Water Quality Control Board) for the New River Improvement Project in the City of Calexico. The project involves construction of a trash screen and underground bypass pipeline to remove trash and divert polluted water arriving from Mexico away from residents and future recreational areas within Calexico. The project also includes construction of an underground force main to pump treated wastewater from an existing wastewater treatment plant to discharge at the same location that the polluted water is removed from the channel. The polluted water would be discharged back into the New River channel near the city limit, away from residents and recreational areas. Rita collaborated with City staff to develop a permitting strategy to meet the aggressive construction timeline that is driven by funding from the California Department of Water Resources. Rita managed agency consultation, preparation of permit applications, a wetland delineation update, and completion of protocol burrowing owl surveys. Rita also managed preparation of a draft NEPA Environmental Assessment for USACE evaluation of the project for a 404 Standard Individual Permit. All permits were received within 5 months of submitting permit applications.

Client Alpine County Community Development Department
Project Dixon Mine Road Bridge Replacement Project (Alpine County, CA)
Role Project Manager

The project involves demolition of an existing bridge on Dixon Mine Road and construction of a new bridge in the same location. Rita provided permit compliance and environmental support

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during construction of the project. Rita obtained permit amendments from CDFW, USACE, and the Water Board for a change in project construction procedures that was required due to extremely high water levels in Wolf Creek as a result of a very wet 2018/19 winter. Permits were amended within 4 weeks of receiving a contract and the bridge was constructed in one construction season, despite a delayed start date (late July 2019).

Client **Alpine County Community Development Department**
Project **Hot Springs Road Bridge Replacement Project (Alpine County, CA)**
Role **Project Manager**

The project involves demolition of an existing bridge on Hot Springs Road between the town of Markleeville and Grover Hot Springs State Park. Rita is providing construction compliance support to oversee the implementation of mitigation measures and permit conditions. The bridge will be constructed over two seasons in 2022 and 2023.

Client: **Alpine County Community Development Department**
Project: **Wildfire Hazard Risk Mitigation Plan and IS/MND (Alpine County, CA)**
Role: **Project Manager**

Alpine County received grant funding from CALFIRE to develop a Wildfire Hazard Risk Mitigation Plan. Rita managed subconsultant data collection, fire modeling, and identification of high value resource assets, as well as coordination with the Alpine County Steering Committee during development of the Plan. Rita collaborated with the Steering Committee and subconsultants during preparation of the county-wide Wildfire Risk Mitigation Plan (WRMP), which identified a total of 12 project treatment areas, including three priority projects. Rita coordinated with County staff to develop and implement an outreach program and managed the preparation of a public outreach strategy and meeting materials, including agenda, presentation, posters, and handouts. Rita also managed preparation of an Initial Study/Mitigated Negative Declaration for the WRMP. She conducted tribal consultation and coordinated with technical expert subconsultants to complete biological and cultural resource reviews of the priority project areas. Additionally, Rita prepared a work plan that identified tasks and responsible parties that would be necessary to reach project implementation for three high-priority projects and nine lower priority projects. The WRMP and IS/MND received praise from and were adopted unanimously by the County Board of Supervisors in mid-February 2021. The WRMP was recognized with a merit award from the Association of Environmental Professionals in 2021.

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PANORAMA ENVIRONMENTAL, INC.

JESSICA KOTEEN, SENIOR MANAGER I

Overview of Experience and Expertise

Jessica Koteen has over 24 years of experience as an environmental compliance and regulatory permitting specialist. She has worked with both the private and public sectors on a wide range of projects, including recreation and community master planning, new school construction, wind energy development, and park and trail development. As a project manager, her skills span the California Environmental Quality Act (CEQA), the Montana Environmental Policy Act (MEPA), and the National Environmental Policy Act (NEPA) compliance, interagency coordination, regulatory permitting, and the facilitation of community outreach efforts. Jessica has been working with numerous federally recognized tribes throughout California to manage the NEPA components for a variety of projects on their Reservations, including multiple projects for the Bishop Paiute Tribe in Bishop, CA. She has also assisted in the development of Forest Service Environmental Assessments and Management Plans throughout Montana and Idaho, including assisting the Flathead National Forest with preparation of their Comprehensive River Management Plan, consistent with the statutory direction of the Wild and Scenic Rivers Act of 1968 (Public Law 90-542), that protects and enhances the free flowing conditions, water quality and outstandingly remarkable values (ORV) of the designated Wild and Scenic segments of Flathead River. In addition, she also recently completed the Comprehensive River Recreation Management Plan for the Helena Lewis and Clark National Forest (HLC) Gates of the Mountains Recreation Area and surrounding Missouri River Corridor. The Plan will guide future management decisions and actions within the framework of existing public policy and resource plans.

EDUCATION

- MS, Environmental Economics (Recreation and Instream Flows emphasis), Colorado State University
- BS, Environmental Economics, Colorado State University

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Key Projects

Planning Experience

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute Healthcare Facility, Bishop, Inyo County, California.
Role: Project Manager

This project involved the construction of a new 55,000-square-foot healthcare facility located on the Bishop Paiute Reservation. Jessica managed the Environmental Assessment, prepared in accordance with the Tribal Environmental Policy Ordinance No. 98-20 and the guidelines contained in the BIA NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Agriculture (USDA) Rural Utilities Services (RUS), which thereby made it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations. Jessica ensured that the Environmental Assessment (EA) was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, RUS' Environmental Policies and Procedures, and 40 CFR Parts 1500-1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA.

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute West Line Street Retail Project EA, Inyo County, California.
Role: Project Manager

Jessica prepared an Environmental Assessment to support the construction and operation of a proposed new gas station, convenience store and retail space to be located on the Bishop Paiute Reservation. The EA was prepared in accordance with the Tribal Environmental Policy Ordinance Number (No.) 98-20 (TEPO) and the guidelines contained in the Bureau of Indian Affairs (BIA) National Environmental Policy Act (NEPA) Guidebook (59 IAM 3-H), August 2012. The guidelines are consistent with NEPA implementing regulations (40 Code of Federal Regulations [CFR] 1500–1508). In addition, the Tribe received financing assistance from the U.S. Economic Development Administration (EDA) Grants Program for the proposed action, which thereby makes it a federal action subject to the review under NEPA, the National Historic Preservation Act (NHPA), and all applicable federal environmental laws and regulations. This EA was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, EDA's Environmental Policies and Procedures, and 40 CFR Parts 1500–1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA. The EA also addressed other laws, regulations executive orders, and guidelines promulgated to protect and enhance environmental quality including, but not limited to, the Endangered Species Act, the Farmland Protection Policy Act, the Clean Water Act, and executive orders governing floodplain management, protection of wetlands, and environmental justice.

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute Hotel and Casino Expansion, Inyo County.

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Role: **Project Manager**

This project involved the construction of a new hotel and the expansion of the existing Paiute Palace Casino located on the Bishop Paiute Reservation, within the City of Bishop. Jessica recently completed environmental compliance documentation, which consisted of a CEQA Tribal Environmental Assessment, consistent with the requirements of the State of California Tribal Compact for the development of Gaming Facilities. In addition, Jessica also ensured compliance in accordance with the Tribal Environmental Policy Ordinance No. 98-20 and the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook.

Client: **Coyote Valley Band of Pomo Indians**
Project: **West Fork Russian Riverbank Stabilization Project**
Role: **Project Manager**

Jessica assisted the Coyote Valley Band of Pomo Indians with permitting and CEQA/NEPA compliance to support Bank Stabilization of the West Fork Russian River within the Reservation. The environmental compliance document, which was a joint CEQA/NEPA document, Initial Study/Environmental Assessment (IS/EA), has been prepared for the U.S. Bureau of Indian Affairs (BIA), the United States Environmental Protection Agency (EPA) and the California Department of Fish and Wildlife (CDFW). The Tribe has requested financing assistance from the Water Resources Funding from the BIA, CWA 319 Grant through the EPA, and Tribal Technical Assistance through the Bureau of Reclamation (BOR), which thereby makes it a federal action subject to the review under NEPA, the National Historic Preservation Act (NHPA), and all applicable federal environmental laws and regulations. In addition, a portion of the project is located on non-Reservation land and therefore, compliance with CEQA was required. Jessica is currently assisting the Tribe with ensuring various permit requirements are met during construction.

Client: **Coyote Valley Band of Pomo Indians**
Project: **Wastewater Treatment Facility – Environmental Assessment**
Role: **Project Manager**

This project involved the construction of a new wastewater treatment facility located on the Coyote Valley Band of Pomo Reservation. Jessica recently completed the EA, prepared in accordance with the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Housing and Urban Development (HUD), which thereby made it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations. Jessica ensured that the EA was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, 40 CFR Parts 1500-1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA.

Client: **Karuk Tribe**
Project: **New Medical/Dental Clinic and Transfer of Land from Fee to Trust, Happy Valley, CA.**
Role: **Project Manager**

The proposed project included the transfer of approximately 5.87 acres from fee to trust, and the construction of an approximately 10,000 square foot clinic new medical and dental clinic. Jessica

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managed and prepared NEPA compliance documents, prepared in accordance with the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Housing and Urban Development (HUD), which thereby makes it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations.

Client: Pit River Health Services
Project: New Health Care Clinic (Shasta County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of an Environmental Assessment pursuant to the NEPA requirements for the USDA Rural Development grant process. The Pit River Health Services is applying for grant funds for the development of a new Health Care Facility to be constructed adjacent to the current facility, to provide additional services that are currently being referred out of the area.

Client: Robinson Rancheria of Pomo Indians
Project: Fee-to-Trust Application Materials
Role: Project Manager

Jessica recently assisted the Robinson Rancheria of Pomo Indians with fee-to-trust application materials, including a Phase I Environmental Site Assessment and Environmental Report, summarizing the results of preliminary environmental analysis of the transfer of land from fee-to-trust status.

Client: Chicken Ranch Rancheria of Me-Wuk Indians
Project: New Hotel and Casino Project – Tribal Environmental Impact Report
Role: Project Manager

Jessica recently completed the Tribal Environmental Impact Report (EIR) to support the Chicken Ranch Rancheria's new hotel and casino project on the Chicken Ranch Reservation in Tuolumne County, California. The Tribal EIR is being prepared consistent with Section 10.8 of the Tribal-State Class III Gaming Compact between the Tribe and the State of California (Compact), as well as the Chicken Ranch's Tribal Environmental Policy Ordinance. The Tribal EIR is analyzing the potential for off-reservation environmental impacts to occur because of construction and operation of the project. In addition, Jessica secured all applicable environmental permits through the United States Army Corp of Engineers and the United States Environmental Protection Agency.

Client: Quincy Engineering
Project: Forrester Road over Westside Main Canal Bridge Replacement Project (Imperial County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of NEPA and CEQA compliance documents for a bridge replacement in Imperial County. Jessica is managing the preparation of a Categorical Exclusion pursuant to NEPA as well as numerous Caltrans studies and permit applications. In addition, Jessica is managing the IS/MND on behalf of Imperial County.

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Client: Stockton Street Properties, Inc.
Project: 2 Stockton Street (San Francisco, CA)
Role: Project Manager

Jessica was the Project Manager for the preparation of a Categorical Exemption for the addition of two office floor levels and a smaller penthouse office level, including an outdoor terrace, on top of an existing four-story building.

Client: California Public Utility Commission
Project: Gorman – Kern Transmission Line Rating and Remediation Project (Kern and Los Angeles County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of the Mitigated Negative Declaration (MND) for the Gorman-Kern TLRR Project. The project involves replacing poles and conductor along a 65-mile-long section of 66-kV transmission lines and modifying substations in Kern and Los Angeles County. Jessica is managing the application review process, facilitated AB 52 coordination, conducted agency and stakeholder outreach, and managing the preparation of an MND pursuant to CEQA.

Client: California Public Utility Commission
Project: El Dorado-Pisgah-Lugo (EPL) Transmission Line Rating and Remediation Project (San Bernardino County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of the Mitigated Negative Declaration (MND) for the EPL TLRR Project. The project involves installation of interset poles and reconductoring along a 200-mile-long section of 66-kV transmission lines and modifying substations in San Bernardino County. Jessica is managing the application review process, facilitated AB 52 coordination, conducted agency and stakeholder outreach, and managing the preparation of an MND pursuant to CEQA.

Client: Southern California Gas Company
Project: Pipeline Safety Enhancement Plan (PSEP) Project
Role: Program Manager

For the Southern California Gas Company, Jessica served as program manager for a team of construction monitors and was responsible for environmental compliance during construction at project sites throughout San Luis Obispo and Santa Barbara counties, the San Joaquin Valley, and Southern California. Additionally, she supported preconstruction planning, managed preconstruction field assessments, and analyzed biological constraints as part of detailed environmental reviews for various project activities including pipeline replacement, hydrostatic testing, and pipeline inspections.

United States Forest Service NEPA/Planning Experience

Client: USFS
Project: Flathead River Comprehensive River Management Plan, Flathead County, Montana.
Role: Regulatory Specialist

Jessica assisted the Flathead National Forest (FNF) with preparation of their Comprehensive

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River Management Plan, consistent with the statutory direction of the Wild and Scenic Rivers Act of 1968 (Public Law 90-542), that protects and enhances the free flowing conditions, water quality and outstandingly remarkable values (ORV) of the designated Wild and Scenic segments of Flathead River. This management plan includes the North Fork, Middle Fork and South Fork of the Flathead River. Jessica assisted with the Recreation Analysis as it relates to the Comprehensive River Management Plan (CRMP) for the Flathead Wild and Scenic River (WSR). The work deliverables included NEPA services to produce a draft and final CRMP, with an associated Environmental Assessment (EA). The CRMP is expected to be land management planning amendment to the Flathead Forest Plan, and corresponding Glacier National Park General Management Plan.

Client: USFS

Project: Gates of the Mountains and Missouri River Corridor Comprehensive River Recreation Management Plan, Lewis and Clark County, Montana.

Role: Regulatory Specialist

Jessica assisted the Helena Lewis and Clark National Forest (HLC) with preparation of their Comprehensive River Recreation Management Plan (CRRMP). The HLC in cooperation with the Bureau of Land Management (BLM) developed a CRRMP for the Gates of the Mountains Recreation Area and surrounding Missouri River Corridor. This plan will guide future management decisions and actions within the framework of existing public policy and resource plans. As one of the primary purposes, recreation is a key management consideration at the Gates of the Mountains river corridor. The work deliverables included a draft and final CRRMP, along with plans for future development.

Client: Whitebark Institute of Interdisciplinary Environmental Sciences

Project: Inyo National Forest Eastern Sierra Climate and Communities Resiliency Project EA

Role: NEPA Specialist

Jessica is currently providing National Environmental Policy Act Services for this project, which includes approximately 10,000 acres of fuel treatments for community protection and forest resiliency in the Inyo National Forest, around the Town of Mammoth Lakes. She is working with Whitebark and has reviewed and provided input into the Proposed Action, scoping process, peer review of environmental documents and providing guidance to the team on the NEPA process.

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PANORAMA ENVIRONMENTAL, INC.

RACHEL DURBEN, ENVIRONMENTAL SCIENTIST II/SENIOR BIOLOGIST

Overview of Experience and Expertise

Rachel is a biologist and environmental planner with over 13 years of experience in interdisciplinary natural resources management and a background in ecology and watershed sciences. Rachel's experience includes project management for National Environmental Policy Act (NEPA) Environmental Assessments (EAs) and Categorical Exclusions (CEs). She has also served as a specialist for California Environmental Quality Act (CEQA) Mitigated Negative Declaration projects. Rachel has worked with a variety of federal, state and regional agencies, including US Forest Service (USFS), National Park Service (NPS), CA State Parks, CA Department of Fish and Wildlife (CDFW), CA Regional Water Quality Control Boards (RWQCB), and non-profit 501(c)(3) organizations throughout California and Nevada. conducting environmental analyses pursuant to California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Rachel has coordinated and managed numerous watershed restoration projects throughout the Sierra Nevada, from project planning and fundraising through crew supervision, project implementation, data management and reporting. She conducts fieldwork and desktop analyses, manages projects, and acts as the point person for coordination between technical personnel, clients, project managers and other staff.

EDUCATION

- MS, Biology, Northern Arizona University
- BS, Zoology, Northern Arizona University

Key Projects

Planning Experience

Client: Lassen National Forest
Project: Dixie Postfire Recovery and Restoration Project, Sierra Nevada, California.
Role: Deputy Project Manager and Biologist

Rachel is the Deputy Project Manager and Biologist for the LNF's Dixie Postfire Recovery and Restoration Project, a post-wildfire NEPA compliance project with the Lassen National Forest's

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three districts. Rachel coordinates with the LNF's resource specialists to compile and review technical studies and specialist reports, collaborates with the LNF for tribal and public scoping efforts, supports schedule and milestone tracking, and facilitates communication between agency staff, subcontractors, nonprofit partners, and Panorama staff members. Rachel is helping to prepare an Environmental Assessment and all supporting documentation in support of the NEPA process.

Client: Marin Wildfire Prevention Authority
Project: Greater Ross Valley and Greater Novato Shaded Fuel Breaks, Marin County, California.
Role: Grant Support Specialist

Rachel is the Grant Support Specialist for the Marin Wildfire Prevention Authority's (MWPA) shaded fuel break projects across Ross Valley and Novato. Rachel coordinates with the grants team at CALFIRE and the MWPA staff to identify and track project deliverables and expenditures, update and communicate project goals and challenges, and facilitate dialogue and collaboration among project partners and stakeholders. Rachel also works with the MWPA to ensure project implementation is on time and accurately reported, with clear and timely communication from subcontractors and field staff. In addition to grant oversight, Rachel also conducts desktop biological analyses for fuel reduction projects with the MWPA and partner agencies throughout Marin County.

Client: Plumas National Forest
Project: Community Protection Project, West Slope Communities, Sierra Nevada, CA
Role: Project Manager

Rachel served as project manager for the development of an EA, various technical reports (including reports for Wildlife, Botany, Archaeological Resources, Hydrology, and Management Indicator Species), and a biological assessment (BA) in compliance with Section 7 of the ESA for the West Slope Community Protection Project in the Plumas National Forest, California. Rachel managed project schedules, budget and deliverables, coordinated meetings, and served as the point of contact for agency staff, specialists and project partners.

Client: Santa Clara Water District (Valley Water)
Project: Wildfire Risk Assessment, Santa Clara County, CA
Role: Deputy Project Manager

Rachel is the Deputy Project Manager for Valley Water's Wildfire Risk Assessment project, which involves analyzing, prioritizing, and coordinating High Value Resource Assets (HVRAs) on Valley Water properties. Rachel collaborates with Valley Water staff and subcontractors to evaluate data gaps, acquire detailed HVRA information, coordinate workshops and meetings, and prepare technical memoranda and reports. The final risk assessment will allow Valley Water to identify and prioritize wildfire treatment areas and approaches, prepare for environmental permitting and compliance requirements, and communicate with stakeholders regarding wildfire risks and mitigations.

Client: California Public Utility Commission
Project: El Dorado-Pisgah-Lugo (EPL) Transmission Line Rating and Remediation Project (San Bernardino County, CA)
Role: Biologist

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Rachel is the Biologist, for the preparation of the Mitigated Negative Declaration (MND) for the EPL TLRR Project. The project involves installation of interset poles and reconductoring along a 200-mile-long section of 66-kV transmission lines and modifying substations in San Bernardino County. Rachel is the author of sections for biological resources, hydrology, and geology and soils, for the preparation of an MND pursuant to CEQA.

Client: **Lassen National Forest**
Project: **Logan Springs Meadow Restoration, Sierra Nevada, CA**
Role: **Project Manager**

Rachel served as project manager for the development of specialist reports and NEPA documentation for the Logan Springs Meadow Restoration Project, in partnership with the Great Basin Institute. Rachel managed project schedules, budget and deliverables, coordinated meetings, reviewed specialist reports and served as point of contact for agency staff, specialists and project partners. Rachel's leadership and communication ensured successful completion of a Decision Notice for a Categorical Exclusion for NEPA, which allowed restoration work to begin in 2023.

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PANORAMA ENVIRONMENTAL, INC.

RUSSELL KOKX, ENVIRONMENTAL SCIENTIST II/BIOLOGIST

Overview of Experience and Expertise

Russell has over 25 years of professional experience in environmental consulting. He has accumulated a broad base of experience in conducting wildlife, botanical surveys, wetland delineations, and construction monitoring. With the recent increase in renewable energy sources development, Russell has been implementing numerous protocol level avian point count surveys, desert tortoise, and rare plant surveys in the desert and central valley environments. These surveys include supplemental golden eagle, spotted owl, and Swainson's hawk nest surveys.

EDUCATION

- B.A., Environmental Biology, California State University-Fresno

SPECIALIZED TRAINING

- Wetland Delineations, Wetland Training Institute
- Identification of Bryophytes, Humboldt State University
- Identification of Higher Fungi, San Francisco State University

AREAS OF EXPERTISE

- Avian Surveys
- Biological Compliance
- Endangered Species Surveys
- Botanical Surveys
- Wildlife Surveys
- Wetland Delineations
- Construction Monitoring
- Restoration

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Key Projects

Wildlife Surveys and Monitoring

Client: Epsilon Solution Systems Inc.
Project: Inyo National Forest Pole Replacement Projects (Inyo, Mono, Kern and San Bernardino Counties)
Role: Biologist

Russell conducted Desert Tortoise surveys for China Lake Naval Air Weapons Station, provided nesting bird/biological surveys and monitoring for Southern California Edison's deteriorated pole replacement and upgrades on the Inyo National forest pole replacement projects.

Client: Phoenix Biological Consulting
Project: Barren Ridge Renewable Transmission Project (Kern and Los Angeles counties, CA)
Role: Agency Designated Biologist

Russell performed desert tortoise surveys and monitoring as a California State department of Fish and Wildlife approved designated tortoise biologist. Conducted protocol level spotted owl, and Swainson's hawk surveys for the Los Angeles Department of Water and Power's Barren Ridge Renewable Transmission Project in the Western Mojave and Angeles National Forest.

Client: Ironwood Consulting/Corvus
Project: Desert Sunlight/Quartzsite/Abengoa Projects (Riverside and San Bernardino counties, CA)
Role: Biologist

Russell conducted desert tortoise surveys, burrowing owl surveys, avian point counts, nesting bird and golden eagle surveys. Mitigation Banking habitat, rare species surveys and assessments were conducted with an emphasis on desert tortoise, bighorn sheep, burrow deer, and American badger.

Client: Keene Biological Consulting
Project: SCE Operations and Maintenance (Inyo, Mono, Los Angeles, and Kern counties, CA)
Role: Biologist

Russell provide ongoing consulting services to Southern California Edison for their deteriorated pole replacement and Operation & Maintenance program. He conducted biological surveys and monitoring for listed species including: desert tortoise, burrowing owl, nesting birds and all special status plant and wildlife species associated with Inyo, Mono, Los Angeles, and Kern, Counties project areas.

Client: McCormick Biological Consulting
Project: Panoche Valley Solar (Kings and Fresno counties, CA)
Role: Biologist

Russell carried out various survey for Kern, Kings, and Fresno Counties and Panoche Valley Solar which include: blunt-nosed leopard lizard, rare plants, golden eagle, and giant kangaroo rat surveys.

Client: Clark Biological Consulting

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Project: **Mormon Mesa, Ivanpah Solar, Soda Mountain Solar, and Abengoa Solar Projects (San Bernardino County, CA)**

Role: **Biologist**

Russell managed plant surveys for solar projects such as Mormon Mesa, Ivanpah Solar, Soda and Mountain Solar. He conducted avian point counts and construction compliance for the Abengoa Solar project.

Client: **Ecorp Inc.**

Project: **Southern California Edison Tehachapi Renewable Transmission Projects (Kern and San Bernardino counties, CA)**

Role: **Biology Consultant**

Russell conducted Swainson's hawk surveys and nest monitoring along the project segments 1, 2, 3A/B, 4, 5, 6, 9 10 and 11. He also performed Desert tortoise, nesting bird surveys, plant restoration surveys, nesting bird surveys and biological monitoring for SCE transmission lines.

Client: **Kiva Biological Consulting**

Project: **Fort Irwin Expansion (San Bernardino County, CA)**

Role: **Biologist**

Russell surveyed for Desert tortoise, mapped tortoise burrows sign, classified remains and affixed transmitters to tortoise for the proposed Fort Irwin expansion. He established study plots using GPS, marked and recaptured Desert Tortoise on various sites to determine population densities. Russell also quantified Desert tortoise foraging vegetation samples. He assisted with radio telemetry surveys for Desert Tortoise and conducted vegetation sampling for a proposed low level radioactive deposit site.

Client: **C.S. Ecological Surveys and Assessments/Panorama Environmental Inc.**

Project: **Inyo County Projects/Roads and Bridges (Inyo County, CA)**

Role: **Biology Consultant**

Russell performed rare plant surveys, desert tortoise surveys, and special status wildlife assessments.

Client: **Tetra Tech**

Project: **Granite Mountain Wind/ Western Wind Energy Corporation (San Bernardino County, CA)**

Role: **Biologist**

Russell provided avian Point counts, raptor migration surveys, golden eagle, surveys and golden eagle nest monitoring for a proposed wind generating projects in California and Arizona.

Client: **Boerboom Natural Resource Services**

Project: **Conoco Phillips (San Luis Obispo County, CA)**

Role: **Biologist**

Russell conducted surveys for Red-legged Frogs according to 2004 protocol, surveyed and mapped listed wildlife and Botanical species occurring in San Luis Obispo County. He monitored steelhead trout populations during construction at Cuesta Creek and administered environmental training to construction crews. Russell also conducted biological assessments for private developments San Luis Obispo County.

Client: **Chambers Group**

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Project: **Southern California Gas (Los Angeles County, CA)**
Role: **Wildlife Consultant**

Russell assisted in wildlife/botanical surveys for listed species (including nesting bird surveys) on Tejon Ranch for a proposed natural gas pipeline.

Project: **PG&E Generating La Paloma (Los Angeles County, CA)**
Role: **Designated Biologist CWESA/Toyon Environmental Consulting**

As the agency-approved biologist, Russell implemented and performed all initial and ongoing surveys for listed species including blunt-nosed leopard lizards, San Joaquin kit fox, Tipton and giant kangaroo rats. He enforced Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) mitigation measures, environmental awareness training, translocation of small mammals and sensitive species, hired and trained biology field staff, and coordinated with all on site contractors.

Client: **Bill Van Herwig Biological Consulting**
Project: **Southern California Edison 230 kV transmission Line Project (Kern and Los Angeles counties, CA)**
Role: **Botanist**

Russell performed habitat assessment and surveys for target plants species for a proposed transmission line for Southern California Edison.

Client: **Utah Department of Natural Resources**
Project: **Osprey Banding Project (Daggett County, UT)**
Role: **Wildlife Biologist**

Located, weighed, estimated ages and banded osprey chicks via Technical climbing for an on going study, flaming Gorge Utah.

Client: **Woodward Clyde**
Project: **Santa Fe Pipeline (Kern and Los Angeles counties, CA)**
Role: **Biologist**

Russell conducted surveys for listed species and evaluated habitat using c.h.i.e.f. (Cumulative Human Impact Evaluation Forms) protocol in the southern San Joaquin Valley, western Mojave Desert and the Tehachapi Mountains for the proposed construction of a natural gas pipeline.

Client: **Fresno County**
Projects: **UC Academy (Fresno County, CA) UC Merced would ultimately be chosen.**
Role: **Biologist**

Russell located and mapped vernal pools and evaluated wetland habitat for sensitive species on proposed University of California Campus alternate site in Fresno County.

Client: **State of California in association with CAL Trans.**
Project: **The Endangered Species Recovery Program (Inyo County, CA)**
Role: **Botany Consultant**

Russell directed rare plant surveys and botanical inventories for a proposed Cal Trans Highway 395 expansion in Owens Valley.

Client: **Department of Forestry, Pacific Southwest Research Station**
Projects: **Spotted Owl Spatial Distribution and Nesting Habitat (Kern, Tulare, Fresno, Madera, and Mariposa counties, CA)**
Role: **Wildlife Biologist**

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Russell called, located, captured, and banded spotted owls on the Sierra and Sequoia National forests. He mapped vegetation for potential nesting Habitat and evaluated prey from pellet remains.

Wetlands Delineation Projects

Client: John Stebbins and Associates
Project: SCE deteriorated pole program, PG&E nuclear energy Facility, CAL Trans (various counties, CA)
Role: Botanist

As the lead botanist, Russell assessed habitat for sensitive plant communities and rare plants and conducted a complete botanical inventory of the coastal plant communities for a proposed public access in Diablo Canyon, San Bernardino County. He delineated wetlands for a planned expansion of a San Mateo County substation. Additional project experience includes surveys for rare plants, culturally sensitive species and noxious weeds in San Luis Obispo, San Mateo, San Francisco, Plumas, Madera, Fresno, and Kern counties. Russell also performed ongoing biological pre activity surveys for sensitive wildlife and plants and monitoring for Power pole replacement and maintenance in Mono, Inyo, Tulare, Kern, and Fresno counties.

Client: URS/Calpine
Project: Pastoria Energy Facility at Tejon Ranch (Los Angeles County, CA)
Role: Designated Biologist

As the Agency-approved designated Biologist for construction of the Pastoria Energy Facility, Russell conducted all biological related surveys and pre-construction surveys, enforced the Biological Resources Mitigation Implementation and Monitoring Plan, hired staff and developed an Environmental Awareness Training Program. He wrote the biological assessment and performed the wetland delineation for re-routes of the gas pipeline. Russell enforced Storm Water Pollution Prevention Plan and all stream alteration agreements. He designed native seed mix and re-vegetation plan for habitat reclamation.

Client: Caltrans/California State University Fresno Foundations
Project: Route 205 Expansion (San Joaquin County, CA)
Role: Biologist

Russell conducted wetland delineations and surveys for listed species surveys on Route 205 expansion.

Client: California State University Fresno Foundations
Project: Cal Trans Highway 49 expansion (San Joaquin County, CA)
Role: Wetland delineator

Russell delineated wetlands and mapped sensitive plant species within the CalTrans right of way on Highway 49; Mariposa County.

Client: Woodward Clyde
Project: Mojave Pipeline Project (CA)
Role: Associate Project Scientist

Russell performed wetland delineations at all riparian and stream crossings, vernal pools and swales from Tulare County to San Francisco County for a proposed natural gas line. Directed field technicians on transect surveys for all listed species including: Red-legged Frogs, Tiger

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Salamanders and Fairy Shrimp, mapped all resources and collected and identified Vernal Pool Target Species.

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CAITLIN GILLERAN, SENIOR PROJECT MANAGER I/NOISE SPECIALIST

Overview of Experience and Expertise

Caitlin has over 13 years of environmental planning, project management, and technical analysis experience. Caitlin leads projects through the CEQA and NEPA process with technical expertise in addition to a keen understanding of environmental regulations and resources. She has prepared or managed numerous environmental documents and supporting technical reports, ranging from small addendums to large programmatic EIRs and EISs. Caitlin has managed several projects that involved review of the designs for environmental constraints, refinement of project details, coordination of multiple technical studies and deliverables, preparation of the CEQA and NEPA documents, direct coordination with the client and agencies, and performance of all administrative tasks associated with managing the schedule and budget. In her work, Caitlin has analyzed the effects of a wide array of development, resource management, transportation, wetland mitigation, fuel and vegetation management, and infrastructure projects. Caitlin is especially effective at coordination with and assisting a client to define the technical project elements required for a robust environmental analysis. She has managed project deliverables and technical subconsultants to meet tight deadlines and budgets.

Technical expertise includes calculating air quality and greenhouse gas emissions of complex projects using CalEEMod or spreadsheets with the latest EMFAC emission rates and analyzing the results. She is also competent at noise modeling and well versed in the nuances of traffic technical documents.

EDUCATION

- B.S., Environmental Management and Protection, Emphasis in Science and City and Regional Planning, California Polytechnic State University San Luis Obispo

SPECIALIZED TRAINING

- CalEEMod 2020.4.0
- AERMOD Training Course
- Annual Advanced CEQA Workshops
- CEQA Caselaw Updates

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Key Projects

Client Inyo County Department of Public Works
Project Sabrina Road Bridge Replacement Project (Inyo County, CA)
Time: 2015 to 2016
Role: Environmental Planner

The Sabrina Road Bridge was replaced, resulting in temporary and permanent impacts to CDFW jurisdictional riparian habitat. In accordance to the Streambed Alteration Agreement, revegetation activities were conducted in 2013. The site was not meeting revegetation targets and additional revegetation has been necessary. Caitlin coordinated with the biologist to conduct a site visit in mid-2016. She assisted the biologist in preparing an easy to understand, robust Site Characterization Report detailing survivorship from the 2013 replanting, the 2016 survey results, and 2016 replanting efforts. In coordination with the biologist and consultation with CDFW, Caitlin prepared the 2016 Riparian Mitigation Plan, which updated the 2012 Riparian Mitigation Plan. She coordinated the timing for the 2016 revegetation efforts, in compliance with the 2016 Riparian Mitigation Plan. She prepared the initial draft of the Fourth Annual Monitoring Report summarizing the status of the site, which was submitted to CDFW for review and approval.

Client Inyo County Department of Public Works
Project Trona-Wildrose Road (Lower Trona) Storm Damage Repair Project (Inyo County, CA)
Time: 2015 to 2016
Role: Environmental Planner

Emergency repairs were conducted on Trona-Wildrose Road in 2014, during which time a temporary haul road was graded parallel to the road. Permanent restoration of the road and the temporary haul road, excluding CDFW jurisdictional areas, occurred in 2016. Caitlin worked with the biologist to prepare the Nesting Bird Plan. She coordinated with CDFW to get the Nesting Bird Plan and the Designated Biologists approved prior to construction. She prepared the Training Program and Construction Guide which were reviewed and approved by the County. After construction was completed, she prepared the Post-Construction Report which was sent to and approved by CDFW.

Client: Inyo County Public Works Department
Project: Walker Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA)
Time: 2015 to 2019
Role: Environmental Planner

The proposed project would install a new bridge over the Los Angeles Aqueduct, close the existing bridge to public vehicular traffic, and realign Walker Creek Road as it approaches the bridge in either direction. The proposed project will use Federal Highway Administration (FHWA) funding for the bridge replacement and requires CEQA and NEPA documentation. Caltrans (delegated by FHWA) is the NEPA lead agency. Caitlin prepared a draft IS/MND and finalized the Biological Assessment, which focused on Mojave desert tortoise due to presence of habitat, for submittal to USFWS through Caltrans. Caitlin maintained communication with the

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engineering team and the County to update the project description and analysis based on engineering changes as well as ensure that project deadlines were met. She monitored the budget of the project to ensure all appropriate documentation can be completed as scoped.

Client **Inyo County Department of Public Works**
Project **Carroll Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA)**
Time: **2015 to 2019**
Role: **Environmental Planner**

The proposed project would install a new bridge over the Los Angeles Aqueduct, close the existing bridge to public vehicular traffic, and realign Walker Creek Road as it approaches the bridge in either direction. The proposed project will use FHWA funding for the bridge replacement and requires CEQA and NEPA documentation. Caltrans (delegated by FHWA) is the NEPA lead agency. Caitlin conducted technical resource analyses for the draft IS/MND including biological resources and air quality.

Client: **Mono County**
Project: **Howard Avenue/Bruce Street Residential Project GHG Technical Report (Mono County, CA)**
Time: **2019**
Role: **Environmental Planner**

The proposed project would involve construction of five separate residential structures totaling 4,000 square feet. Caitlin conducted the GHG emission calculations and prepared the technical impact report.

Client: **Mono County**
Project: **County Line IS/MND (Mono County, CA)**
Time: **2019 to Present**
Role: **Environmental Planner**

The proposed project would involve approval of a Commercial Cannabis Activity Use Permit, and construction and operation of a cannabis cultivation, processing and distribution facility on a 160-acre parcel. Caitlin conducted a consistency review of the project description and prepared the air quality and GHG calculations for the project.

Client: **Housing Authority of City of San Buenaventura**
Project: **San Buenaventura Housing Authority Westview Village IS/MND (Ventura County, CA)**
Time: **2015**
Role: **Project Planner**

The proposed project would include demolition of the existing affordable housing buildings (180 units) and community building and would construct 46 new buildings (320 units), a community building, and three community use rooms. The existing Housing Authority office would be refurbished. Caitlin prepared the air quality and greenhouse gas technical calculations for this project and the air quality and greenhouse gas emissions analysis within the IS/MND.

Client: **City of Yorba Linda**

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Project: **Savi Ranch II Project Air Quality and Greenhouse Gas Report (Los Angeles County, CA)**
Time: **2015**
Role: **Project Planner**

The proposed project would construct two 3-story multi-family unit buildings for a total of 54 units and a 4,317-square-foot single-story building which would accommodate a preschool, a tech learning center, and a playground. Caitlin prepared the air quality and greenhouse gas technical calculations for this project. Additionally, she wrote the Air Quality and Greenhouse Gas Report which included an analysis of the calculations.

Client: **ASHUSA and Coso Operating Company**
Project: **Mordor 1 and Mordor 2 Battery Energy Storage System Environmental Documentation to Support the Sundry Notice (Inyo County, CA)**
Time: **2023**
Role: **Senior Project Manager**

A 25 megawatt BESS and 20 MW BESS and associated new substations would be installed as part of this project. The 25 MW BESS would interconnect with an existing 115kV transmission line for delivery into the SCE power grid. The 20 MW BESS would interconnect with the existing BLM-West Substation. Caitlin conducted an environmental review and detailed biological resources analysis memorandum to support the sundry notice. She reviewed the cultural resources memorandum and coordinated with the specialist to finalize recommendations.

Client: **Middle River Power and Coso Operating Company**
Project: **Coso Battery Energy Storage System Environmental Documentation to Support the Sundry Notice (Inyo County, CA)**
Time: **2021**
Role: **Environmental Scientist**

This project involves installation of a 50 megawatt BESS and an underground and overhead distribution line to connect the BESS to the BLM-West Substation. Caitlin prepared the environmental review and biological resources memorandum to support the sundry notice.

Client: **Bureau of Land Management**
Project: **Relicensing of the Coso BLM East and West Geothermal Power Plants Categorical Exclusion (Inyo County, CA)**
Time: **2018**
Role: **Environmental Scientist**

The project involves renewal of the two expiring site licenses that allow the lessee to utilize the produced geothermal fluid. No modifications or new surface disturbance would occur. Each license permitted operation and maintenance of two 48-MW power plants operating at BLM East and BLM West. Caitlin conducted the analysis and research to prepare the Categorical Exclusion.

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PANORAMA ENVIRONMENTAL, INC.

Elizabeth McCullough, Environmental Scientist I/ISA certified arborist

Overview of Experience and Expertise

Elizabeth has served with Panorama since August 2021 and has 11 years of experience in the environmental field. Elizabeth is an ISA certified arborist. She has 7 years of experience in the forestry field and 4 years of experience working in the arboriculture field as an ISA certified arborist. Elizabeth has worked as an arborist for the ACRT a contractor of Pacific Gas and Electric. She can identify electrical equipment and at risk trees near powerlines. Elizabeth has done several tree inventories; tree protection plans and tree appraisals for the San Fransisco Utilities District (SFPUC). She has worked on projects that have had tree fungal infections, insect infestations, and difficult project parameters. Elizabeth has a strong understanding of arboriculture, forestry, vegetation management, wildfire resiliency, road construction and construction compliance monitoring. As an environmental planner, she has worked her expertise to write and design vegetation treatment areas for fuel reduction projects.

EDUCATION

- B.S., Environmental Science Technology and Policy, California State University Monterey Bay

SPECIALIZED TRAINING

- ISA Certified Arborist, WE-13197A
- Cal Fire: Certified Cultural Resources Surveyor. Class 168
- ATV Instituite Certification
- Pacific Gas and Electric (PG&E): Pre Inspector, Vegetation Management training

Key Projects

Client: PG&E

Project: Defined Scope, Routine Vegetation Management in the San Jose Division (Santa Clara and Alameda Counties)

Role: Arborist

Elizabeth worked as an arborist in PG&E's San Jose Division vegetation department. Elizabeth conducted vegetation clearance inspections of powerlines and identified trees to be trimmed to meet vegetation clearance requirements. She used her knowledge of arboriculture to identify urban tress and determine growth rates. Elizabeth was a part of a team that completed the annual vegetation management inspection of the power lines. The San Jose Division ranges from Livermore to Gilroy. Elizabeth has surveyed powerlines in Gilroy, Morgan Hill, San Jose,

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Campbell and Milpitas.

Client: SFPUC
Project: College Hill Reservoir Project
Role: Arborist and lead environmental compliance inspector

Elizabeth completed a tree inventory and tree protection plan for the College Hill Reservoir Project. The project involved installing a new pipeline and upgrading valves and equipment leading into the reservoir. Elizabeth inventoried 85 trees and identified over 40 tree species. She recorded the species and GPS location of each tree. She wrote a tree protection plan that listed protection measures for the trees that had been identified have the potential impacts.

Client: SFPUC
Project: Bay Corridor Transmission and Distribution Phase 4 and Water Improvements Project
Role: Arborist

Elizabeth completed a tree inventory and tree appraisal for trees in the project area. The project involved excavating a trench to burry transmission lines and improving water resources within the area. Trees within the project area were severely damaged and infected with Magnolia Canker Disease. The project originally required digging within the trees critical root zone. Elizabeth gave the project team recommendations to realign the project alignment to avoid impacts to the trees.

Client: Marin Wildfire Protection Authority
Project: Novato Zone Valley Memorial Park Eucalyptus Removal Project
Role: Arborist

Elizabeth conducted a tree inventory for over 1,000 trees for this project. This project included tree removal within a drainage near the valley memorial park for wildfire removal and protection purposes. Elizabeth discovered that trees within the project area were infected with heart rot and scale insects. Elizabeth gave recommendations to the client on how to trim the trees for fire resiliency, how to mitigate tree diseases and insects.

Client: Stanford University
Project: Jasper Ridge and Horse Park Vegetation Management
Role: Environmental Planner

The project involved developing forest fuel treatment strategies for the conservation property owned by Stanford University. Elizabeth assisted the project forester in the design of the treatment units for fuel reduction and vegetation management. Elizabeth identified areas of the project that were accessible to equipment and areas that would benefit from fuel treatments based on vegetation management requirements.

Client: Vallejo Flood and Wastewater District
Project: Austin Creek Stormwater Trash Capture Project
Role: Environmental Planner

The project involved installing trash containment structures in front of a culvert. Elizabeth conducted a tree survey, which identified trees that needed to be removed during construction. She identified the tree species and measured the trees at the diameter by breast height.

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Client: San Mateo Resource Conservation District
Project: El Granada Wildfire Resiliency Scoping Project
Role: Environmental Planner

The project involved assessing the El Granada for wildfire risk and coming up with solutions to make the community more wildfire resilient. Elizabeth was a part of a team that conducted the field work for this project. Elizabeth participated the field assessment for the project where fire risk and potential vegetation fuel treatment strategies were analyzed. She helped developed potential project actions for the project that were reviewed by the client and partnering agencies. Elizabeth drafted portions of the final project document.

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PANORAMA ENVIRONMENTAL, INC.

CAITLIN JENSEN, GIS MANAGER – STRATEGIC INITIATIVES

Overview of Experience and Expertise

Caitlin is a Geographic Information Systems (GIS) Specialist with over 10 years of experience, holding a Master of Science degree in geographic information science and a Bachelor of Science degree in biology. Her combination of education and professional experience has provided her with a skill set based in geospatial analysis, conservation planning, database management, field data collection using GIS mobile apps, and cartographic design. Caitlin has technical skills in Python and SQL and has developed expertise in using R to expedite data management tasks and optimize GIS data processing. Caitlin has extensive experience with the geospatial datasets illustrating the various resource topics required by the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). In addition to her skills around managing spatial data and developing figures supporting CEQA analyses, she has also recently started to expand her knowledge of environmental planning by completing CEQA coursework and learning how to write sections focused on biological resources.

EDUCATION

- M.S. Geographic Information Science, San Francisco State University
- B.S. Biology, Boston College

AFFILIATIONS

- Society for Conservation GIS

SPECIALIZED TRAINING

- CEQA: A Step-by-Step Approach Course, UC Extension, 2022

Key Projects

Client: Great Basin Institute
Project: Eldorado National Forest Hazard Tree Mitigation Project
Role: GIS Manager

The project involves removing hazardous trees along U.S. Forest Services roads throughout Eldorado National Forest. Caitlin was responsible for overall geospatial data management and supported resource specialists by conducting geospatial analysis of relevant resource data and maintaining detailed metadata for analytical outputs. She also developed custom map-book templates to standardize cartographic products and streamline map production.

Client: Great Basin Institute
Project: Lassen National Forest Dixie Fire Community Protection Project

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Role: **GIS Manager**

Caitlin provides GIS support in the form of geospatial data management and conducting geospatial analysis of relevant resource data as requested by resource specialists on the project's technical team. She is responsible for tracking all incoming and outgoing data in a GIS inventory, supporting the Project Manager with data interactivity using various tools hosted on the ArcGIS Online platform, and preparing all cartographic deliverables for the project. She developed custom map-book templates to standardize cartographic products and streamline map production.

Client: **Quincy Engineering**
Project: **Hot Springs Road Reconstruction Project**
Role: **GIS Manager**

The project involves reconstructing Hot Springs Road, west of Markleeville in Alpine County, California, near State Route 89. The purpose of the Project is to improve pavement conditions, construct paved shoulders and bike lanes, and increase safety for drivers and bicyclists. Caitlin was responsible for managing all incoming and outcoming spatial data, quantifying impacts to surrounding habitats, and developing cartographic products showing wetland delineation and revegetation plan.

Client: **Clearway Energy, LLC**
Project: **Various solar siting projects**
Role: **GIS Manager**

Caitlin has led mapping efforts for several cumulative impact assessments for potential solar development in southern California and Nevada. She helped identify potential focus areas where solar development could be feasible. Caitlin organized geospatial project and constraints data for various sites in a geodatabase and performed post-processing tasks to prepare data deliverables to share with the client. Caitlin also configured web maps in ArcGIS Online which facilitated field data collection for visual surveys.

Client: **California Public Utilities Commission**
Project: **Gorman – Kern Transmission Line Rating and Remediation Project (Kern and Los Angeles County, CA)**
Role: **GIS Manager**

The project involves replacing poles and conductor along a 65-mile-long section of 66-kV transmission lines and modifying substations in Kern and Los Angeles County in an effort to remediate identified clearance discrepancies and address reliability concerns. Caitlin provides GIS support for the project's technical team, researched potential resource considerations, managed the project geodatabase, and compiled geospatial data for all resource topics considered in CEQA.

Client: **Arevia Power**
Project: **Multiple**
Role: **GIS Manager**

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Caitlin provides ongoing GIS support for Arevia's technical team and prepares maps and graphics illustrating land management information and various development constraints posed by biological, cultural, recreational, visual, and other resources. Caitlin has organized and maintained a geodatabase for existing and proposed Arevia renewable energy project data, as well as a web application that allows Arevia staff to view project footprints alongside relevant datasets such as existing power utilities, environmental resources, the Inflation Reduction Act (IRA), and datasets from the BLM. Caitlin also configured web maps in ArcGIS Online which facilitated field data collection using the ArcGIS Field Maps application.

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Peter A. Carey, M.A., RPA

Principal Investigator/Project Manager

Total Years of Experience: 15

Education:

M.A.	2013/Anthropology/University of Nevada, Reno
B.S.	2008/Anthropology, Option: Cultural Resource Management /California State Polytechnic University, Pomona

Registrations:

2013	Register of Professional Archaeologists

Professional Profile:

Mr. Carey has 15 years of experience in all manners of professional archaeology in California and the Great Basin. He earned his B.S. degree in Anthropology with a Cultural Resource Management option from California State Polytechnic University, Pomona in 2008, and received a M.A. in Anthropology with a concentration in Prehistoric Archaeology at the University of Nevada, Reno in 2013. His interests focus on prehistoric lithic procurement and technology, and Paleoindian archaeology. He has been involved in numerous survey, testing, and data recovery projects in California, Arizona, Nevada, and Oregon. Projects Mr. Carey has been involved with have taken place in Contra Costa, Imperial, Kern, Kings, Fresno, Mendocino, Lake, Los Angeles, Inyo, Mono, San Bernardino, Tulare, and Ventura counties, California; Yuma County, Arizona; Churchill, Clark, Douglas, Humboldt, and Lyon counties, Nevada; and Lake County, Oregon. Mr. Carey serves ASM as a Director, Central Valley.

Select Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Crew Chief
CLIENT: Bureau of Land Management
Directed crews in pedestrian survey, identification of cultural resources, and site recordation in the Bodie Hills prior to a fuel reduction project. Responsible for preparation of DPR forms for archaeological sites and preparation of technical report.

Cultural Resources Survey in Mammoth Lakes, Mono County, CA
Field Archaeologist
CLIENT: Bureau of Land Management
Involved in pedestrian survey and site recordation in the Mammoth Lakes and June Lake area in the Inyo National Forest. Responsible for the identification and documentation of archaeological resources in the area.

Archaeological Survey for the Airport Road Rehabilitation Project, Mammoth Lakes, Mono County, CA
Project Archaeologist
CLIENT: Mono County Department of Public Works
Conducted an ASR and XPI for a road rehabilitation project near the Mammoth Yosemite Airport for compliance NHPA and NEPA. Completed research and review of records from the EIC, USFS, and NAHC. Completed an intensive pedestrian survey, and prepared a final ASR report presenting the results of the cultural resources identification efforts. Following acceptance of the ASR, ASM was further requested by Caltrans to conduct an Extended Phase One Investigation (XPI) of the project APE, for resource subsurface potential. ASM excavated 10 shovel test pits within the APE. Results of the XPI and a finding of effect for the project for compliance with Section 106 of the NHPA was provided in the Draft and Final XPI report.

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Class III Inventory/Phase I Survey for the Groundwater Banking and Conveyance Improvement Project, Kern County, CA
Principal Investigator
CLIENT: Rosedale-Rio Bravo Water Storage District
Responsible for development of work plan and supervision of crew chiefs for survey groundwater recharge basins and water improvement locations. Responsible interpretation of results and technical reporting.

Monitoring for the Lake Isabella Dam Safety Modification Project, Kern County, CA
Secretary of the Interior Qualified Archaeological Monitor
CLIENT: Flatiron-Dragados-Sukut
Responsible for identifying cultural materials that may be discovered during project activities in areas predetermined by the USACE to be sensitive; and marking sites designated by USACE to be avoided.

NRHP Eligibility Evaluation of Site 05-13-54-830 Project, Kern County, CA
Principal Investigator
CLIENT: Landology, Inc.
Responsible for organizing a field plan coordinated with USACE through Landology to evaluate a multicomponent prehistoric/historic site impacted by unmonitored revegetation activities in order to determine if the site was eligible for inclusion in the NRHP and whether an adverse effect had occurred to a historic property. Conducted site recordation and limited test excavation, including augering and 50x50-cm test units. Also responsible for completing a technical report for submittal to USACE.

Class III Inventory/Phase I Survey for the Ricardo Complex, Kern County, CA
Principal Investigator
CLIENT: Department of Parks and Recreation, Tehachapi District
Responsible for organizing crew and fieldwork logistics for survey approximately 450-acres within Red Rock Canyon State Park. Responsible for updating previously recorded sites within the 450-acre survey area and identifying and recording any previously unrecorded sites.

Phase I Survey for the Hungry Valley State Vehicular Recreation Area New Acquisition, Kern County, CA
Field Director
CLIENT: California State Parks
Responsible for organizing and supervising multiple crews in field survey, site recordation, and site updates for approximately 1,500 acres newly acquired by California State Parks for the Hungry Valley SVRA. Also involved in writing of the technical report.

Phase I Survey/Class III Inventory for the Buena Vista Water Storage District Northern Pipeline Project, Kern County, CA
Field Director
CLIENT: South Valley Water Banking Authority
Directed a survey along approximately 25 miles of existing canals for the installation of pipelines. Assisted in evaluating the eligibility of the historic canals for the NRHP. Also involved in writing of the technical report.

Cultural Resource Survey for the E&B Cuccia 87x Well Pad Project, Kern County, CA
Field Director
CLIENT: E&B Natural Resources
Directed a 2-acre survey of an existing well pad to identify cultural resources that may be adversely affected by future production.

Class III Inventory for the Nixon Pipeline Project, Kern County, CA
Field Director
CLIENT: Holmes Western Oil Corporation
Responsible for organizing and conducting fieldwork for a linear survey area in an active oil field. Also involved in writing of a negative survey letter report.

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Shannon Davis, M.A., RPH

Project Manager/Sr. Architectural Historian/Historian

Total Years of Experience: 25

Education:

M.A. 1998/Historic Preservation/George Washington University, Washington, D.C.
B.A. 1993/American History/University of Southern California, Los Angeles

Registrations

2011 Register of Professional Historians

Professional Profile:

Ms. Davis has over 25 years of experience in the field of historic preservation. As Director, History Group at ASM, Ms. Davis has documented and evaluated numerous cultural resources for CEQA compliance and completed historic resource surveys and evaluations, HSRs, HABS, HAER and Historic American Landscape Survey (HALS), Peer Reviews, projects throughout southern California. She is qualified under the *SOI's Professional Qualifications Standards* for both Architectural History and History and obtained her M.A. from George Washington University.

Select Project Experience:

Historic Property Survey Report, Historic Resources Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report for the Verde School Bridge Replacement Project, Imperial County, CA
Project Manager and Senior Architectural Historian
CLIENT: Panorama Environmental, Inc. for Caltrans
Managed an Historic Property Survey Report, Historic Resource Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report in advance of a project proposed by the Imperial County Public Works Department to replace the Verde School Road Bridge in compliance with Caltrans District 11 and the Federal Highway Administration responsibilities under the California Environmental Quality Act, the National Environmental Policy Act and the National Historic Preservation Act. The project included a 2.9 - acre project site and involved the demolition of the existing County Bridge No. 58C-0115 over the East Highline Canal and the construction of a replacement bridge.

Cultural Resource Inventory for the Bridgeport PUD Arsenic Treatment Project, Mono County, CA
Project Manager / Senior Architectural Historian
CLIENT: NAVFAC Southwest
Compiled an ICRMP in collaboration with installation staff. Working with Marine Corps to establish cultural resource and preservation goals and objectives. Synthesizing previous studies to develop one comprehensive planning document for installation that has not heretofore had any preservation management plan.

Historic Resource Evaluation Report for 420 Drake Circle, Sacramento County, CA
Project Manager
CLIENT: Kimley-Horn & Associates, Inc.
Completed an HRER for a commercial building in Sacramento prior to proposed renovations. The purpose was to evaluate whether or not the proposed project would affect any identified historic properties within the APE and was completed per Section 106 of the NHPA. Evaluated the historical and architectural significance of the building for eligibility to the NRHP and the CRHR as well as a contributor to a potential early 20th century residential historic district.

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Evaluation of Bakersfield High School Water Tower, Kern County, CA
Architectural Historian
CLIENT: Lozano Smith, Attorneys at Law
Project Manager for an intensive-level survey to document the water tower, and a reconnaissance-level survey of the high school to assess the 1933 water tower. Prepared a Historical Resources Evaluation and California Department of Parks and Recreation (DPR) 523 A and B forms to evaluate the structure's eligibility for listing in the CRHR. Recommended that Water Tower as individually eligible for CRHR under Criterion 1 as a visual landmark representing the history and development of Bakersfield High School

Maintenance Manual for Milpitas Ranch House/Hacienda, Fort Hunter Liggett, Jolon, Monterey County, CA
Project Manager and Senior Architectural Historian
CLIENT: Gulf South Research Corp.
Updated maintenance manual for 1930 ranch house designed by noted architect Julia Morgan for newspaper tycoon William Randolph Hearst, concurrent with her design of nearby Hearst's Castle. Conducted site inspection with US Army Corps of Engineers Historic Architect. Prepared manual targeted at maintenance staff audience, included background history of the property, assessment of current conditions, and specific guidance on what needs attention, how to preserve the building, where to acquire replacement materials, and recommended future restoration projects. Manual included quick reference guide to maintenance do's and don'ts, annual checklist, and list of character-defining features with links to online Flicker photo gallery of all such features and inappropriate alterations. Plan developed in accordance with the *Secretary of the Interior's Standards for the Treatment of Historic Properties* in support of Section 106 and 110 of the NHPA for Army's Fort Hunter Liggett cultural resources staff, stewards of this NRHP listed-resource.

Inventory and NRHP Evaluation of 17 Potential Historic Resources, Fort Hunter Liggett, Jolon, Monterey County, CA
Project Manager and Senior Architectural Historian
CLIENT: Gulf South Research Corp.
Surveyed, documented, and evaluated a 17 built environment of early Fort Hunter Liggett. Resources included training facilities and cantonment and infrastructure features built between 1941 and 1951. Researched and developed appropriate historic context. Evaluated within the contexts of Military History (1942-1945) and WWII Army property types. Conducted in compliance with Section 106 and 110 of the NHPA.

Hollenbeck Park Lake Rehabilitation and Stormwater Management Project Archaeological Survey Report, Historic Property Survey Report, Historic Resource Evaluation Report and Finding of No Adverse Effect, Los Angeles County, CA
Project Manager/Senior Architectural Historian
CLIENT: GDB Global for Caltrans District 7
Managed the completion of multiple historic resource compliance documents following Caltrans guidelines for to the approval of proposed alterations and renovations to Hollenbeck Park located in the Boyle Heights neighborhood of Los Angeles. Completed a records search at the South Central Coastal Information Center and at multiple repositories and libraries within Los Angeles County, including the City of Los Angeles Department of City Planning's list of Historic-Cultural Monuments, and intensive field surveys including photographic documentation of identified resources. Multiple compliance documents were delivered including an Historic Property Survey Report, Historic Resource Evaluation Report, and Finding of No Adverse Effect. Each followed Caltrans guidelines, including *Exhibit 6.2 Historic Resources Evaluation Report Format and Content Guide* and *Exhibit 6.2 Historic Property Survey Report Format and Content Guide*, among others.

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Robert Azpitarte

Senior Archaeologist/Field Director

Total Years of Experience: 13

Education:

B.A. 2012/Anthropology/California State University, Bakersfield
B.A. 2012/Art (Studio)/California State University, Bakersfield

Professional Profile:

Mr. Azpitarte has held a number of positions of increased responsibility within the field of cultural resources management since 2011. Mr. Azpitarte has spent over 13 years documenting prehistoric and historic sites in California's Central Valley; including numerous survey, testing, and data recovery projects. Mr. Azpitarte has also participated in Great Basin fieldwork in eastern and northern Nevada, as well as work in the lower and upper Mojave regions. Currently, Mr. Azpitarte serves ASM as an Associate Archaeologist.

Relevant Project Experience:

Silver Standard Perdito Mine Project, Inyo County, CA
Crew Chief
CLIENT: Silver Standard Resources Inc.
Conducted a Phase I/Class III Inventory of 40-acres within the Inyo Mountains. Subsequently processed inventory data and lab results to compile an inventory report following Department of Interior standards.

Sandrini Solar Project, Kern County, CA
Crew Chief
CLIENT: Quad Knopf, Inc.
Conducted a Class III Inventory survey for approximately 3,400-acres near Lebec, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with the California Environmental Quality Act (CEQA).

South Fork Wildlife Area Revegetation Project, Kern County, CA
Crew Chief
CLIENT: Landology, Inc
Conducted a Class III pedestrian survey of a 69-acres revegetation area within the South Fork Wildlife Area (SFWA) and conducted National Register of Historic Places (NRHP) eligibility evaluation of site 05-13-54-830 as part of the Lake Isabella Dam Safety Modification Project. This investigation was conducted in accordance with the Historic Property Treatment Plan (HPTP), and the Expedited Evaluation Plan for Site 05-13-54-830, SFWA, Lake Isabella Dam Safety Modification Project (DSM), to assist in compliance with Section 106 of the National Historic Preservation Act (NHPA).

Counsel Rocks Project, Mojave National Preserve, San Bernardino County, CA
Crew Chief
CLIENT: National Park Service
Conducted a NRHP nomination recordation of the Counsel Rocks (CA-SBR-291) site located within the Mojave National Preserve, California. Recorded and completed a site record form for the site; assessed the current condition of the cultural resource; and mapped artifacts and site locations as part of a National Register of Historic Places (NRHP) Nomination for the CA-SBR-291 site.

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CRC 78N-2Y Well Block Survey and Testing Project, Kern County, CA
Crew Chief
CLIENT: California Resources Corporation
Conducted a Class III Inventory survey for approximately 270-acres near McKittrick, California. Recorded and completed site record forms for previous and newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. Additional excavation testing was also conducted within the lease as part of mitigation measures for potential site disturbance. The study was undertaken to assist with compliance with Section 106 of the National Historic Preservation (NHPA) in anticipation of future work within the lease.

MOC Sharks Tooth Lease Survey, Kern County, CA
Crew Chief
CLIENT: Macpherson Oil Company
Conducted a Class III Inventory survey for approximately 356-acres near Round Mountain, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with Section 106 of the National Historic Preservation (NHPA).

AEWSD Ground Water Metering Project, Kern County, CA
Crew Chief
CLIENT: Arvin-Edison Water Storage District
Conducted a Class III Inventory survey for approximately 51 existing water wells across the southeastern Southern San Joaquín Valley, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with Section 106 of the NHPA and CEQA.

EPD Solar Weedpatch and Shafter Camp Project, Kern County, CA
Crew Chief
CLIENT: EPD Solutions
Phase II test excavations and determinations of significance were conducted at historic Weed Patch or Sunset Farm Labor Camp, and the Shafter Farm Labor Camp. Recorded and completed site record forms for the previously identified sites; assessed the current condition of each cultural resource; mapped associated camp features; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to provide compliance with the CEQA as well as the Kern County General Plan for the Weed Patch and Shafter Solar Projects.

Gettysburg Solar Survey, Kern County, CA
Crew Chief
CLIENT: Quad Knopf, Inc.
Conducted a Class III Inventory survey for approximately 160-acres. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to provide compliance with the CEQA.

Pier East Area Survey, Tulare County, CA
Crew Chief
CLIENT: Tule River Indian Tribe
Conducted a Class III Inventory survey for approximately 250-acres within the TRIR Reservations, California. Recorded and completed site records updates and site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area.

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Margarita Medina Lemus

Associate Archaeologist

Total Years of Experience: 4

Education:

B.A. 2021/Anthropology/California State University, Bakersfield

Professional Profile:

Ms. Lemus serves as an Assistant Archaeologist at ASM's Bakersfield office where she has been involved in numerous survey, testing, and data recovery projects. She started working with ASM as an Archaeological Field Technician in 2020 and has conducted projects throughout California, with specific focus in central and eastern California. She also served as a Student Assistant at the Southern San Joaquin Valley Information Center where she helped digitize, file and maintain the registry of site and resource records and reports, as well as developed basic GIS computer mapping skills.

Selected Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Field Tech
CLIENT: Bureau of Land Management
Crew member in a pedestrian survey in the Bodie Hills. Aided in the identification of cultural resources and recording sites/isolates in the field.

Rosedale-Rio Bravo WSD WaterSmart 2020 Recharge Basin Project, Kern County, CA
Field Tech
CLIENT: Rosedale-Rio Bravo Water Storage District
Crew member in a pedestrian survey around agricultural lands. Aided in the identification of cultural resources and site/isolate recordation.

Inyokern to Onyx Fiber Optic Cable Compliance, Kern County, CA
Archaeological Monitor
CLIENT: Mediacom Communications Corp
Archaeological Monitor for a long-term Fiber Optic Line project. Responsible for the identification of cultural resources, recording sites/isolates and submitting a daily log of events.

Tract 92 Water System Consolidation and Upgrade Project, Tulare County, CA
Field Tech
CLIENT: Provost & Pritchard
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

CRC Mount Poso Vedder Block 1 Abandonments, Kern County, CA
Field Tech
CLIENT: CRC, CV-North
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

CRC Lewis USL Lease Project, Kern County, CA
Field Tech
CLIENT: CRC, CV-North
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

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Tomo Kahni State Park Project, Kern County, CA
Role: Field Tech
CLIENT: Department of Parks and Recreation
Crew member in a pedestrian survey, aided in the identification of cultural resources and site update/recordation.

Area Whitney-Leviathan Project, Kern Count, CA
Role: Field Tech
CLIENT: South Valley Biology Consulting, LLC
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

Gettysburg Solar, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Sandrini Solar, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Rosamond South Solar Park Project, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Merced Dairy Cluster, Merced County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey near agricultural and dairy fields. Aided in the identification of cultural resources and site/isolate recordation.

Keyhole Wind Survey, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a long-term pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

TNRE Mojave Project, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

Rabbitbrush Project, Archaeological and Paleontological Monitoring, Kern County, CA
Role: Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

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Maria Silva

Associate Archaeologist

Total Years of Experience: 4

Education:

B.A. 2019/Anthropology/California State University, Bakersfield

Professional Profile:

Ms. Silva is an Assistant Archaeologist at ASM's Bakersfield office with where she has been involved in various surveys, testing, and data recovery projects. She has a substantial amount of knowledge of central and eastern California archeology from projects that she has worked on since joining this industry in 2019 as an Archaeological Field Technician. She holds a B.A. in Anthropology from California State University, Bakersfield, where she established her skills in site recording, survey, report writing, laboratory work, and excavation along with cataloging artifacts in New Cuyama and Lake Isabella areas.

Selected Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Field Technician
CLIENT: Bureau of Land Management
Crew member in a pedestrian survey in Bodie Hills. Aided in the identification of cultural resources and recording sites/isolates in the field.

Whole Circuit Survey Humboldt – Toiyabe National Forest, Mono County, CA
Field Technician
CLIENT: Environmental Intelligence, LLC
Crew member in a pedestrian survey in National Forest. Aided in the identification of cultural resources and site/isolate recordation.

Rosedale-Rio Bravo WSD WaterSmart 2020 Recharge Basin Project, Kern County, CA
Field Technician
CLIENT: Rosedale-Rio Bravo Water Storage District
Crew member in a pedestrian survey around agricultural lands. Aided in the identification of cultural resources and site/isolate recordation.

CRC Mount Poso Vedder Block 1 Abandonments, Kern County, CA
Field Technician
CLIENT: CRC, CV-North
Crew member for the Mount Poso Vedder pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Tomo Kahni State Park Project, Kern County, CA
Field Technician
CLIENT: Department of Parks and Recreation
Crew member in a pedestrian survey in the Tomo Kahni State Park. Aided in the identification of cultural resources and site update/recordation.

Area Whitney-Leviathan Project, Kern County, CA
Field Technician
CLIENT: South Valley Biology Consulting, LLC
Crew member for the Whitney-Leviathan pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

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Gettysburg Solar Survey, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Gettysburg Solar pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Sandrini Solar, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Sandrini Solar pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Rosamond South Solar Park Project, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Rosamond South Solar Park pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Keyhole Wind Survey, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member in a long-term Keyhole Wind pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

TNRE Mojave Project, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the TNRE Mojave pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation

Archaeological and Paleontological Monitoring for the Rabbitbrush Project, Kern County, CA
Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

McCarthy Chaparral Solar Monitoring, Kern County, CA
Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for the Chaparral Solar project. Responsible for identification of cultural resources and site/isolate recordation.

Lake Success Mitigation Area Project, Tulare County, CA
Field Technician
CLIENT: Crawford & Bowen Planning
Crew member for the Lake Success pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation

Athos Solar Monitoring Project, Kern County, CA
Archaeological Monitor
CLIENT: Rincon Consultants
Archaeological monitor in a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

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K. Ross Way

Associate Archaeologist

Total Years of Experience: 30+

Education:

A.A. 1992/Anthropology major - emphasis on Field Archaeology/Antelope Valley College

Professional Profile:

Mr. Way has over 30 years of experience in archaeology, the majority of which is comprised of cultural resource survey, inventory, excavation, and well over 10,000 hours of construction monitoring for urban and infrastructure improvement projects, renewable solar and wind projects, and petroleum-related projects. He has been involved in all aspects of planning and developing archaeological/cultural resource management projects from developing grant proposals and research designs, budget development and implementation, all phases of fieldwork, lab analyses, interpretation and final report documentation. The depth of his experience has provided knowledge of the respectful removal and handling of human remains in both historic and prehistoric contexts, and he has excavated, illustrated, and/or photographed cultural resources for reports and other publications. Based on Mr. Way's archaeological and cultural resource management experience, he is approved as a Field Director by the Bureau of Land Management in southern California, and he is also cross-trained as a paleontological monitor. Additionally, Mr. Way has a certification in GIS with an extensive familiarity with Trimble, Garmin, and Magellan GPS and GIS (Pathfinder Office 5x+; ArcGIS 10x & PRO), as well as GPR, engineer's transits, Brunton, and Silva compass use for site mapping. He is proficient in the production of top-quality soil profiles, artifact illustrations, and archaeological photography. Additionally, Mr. Way has been listed as author or co-author of over fifty technical reports, articles and professional papers.

Select Project Experience:

32B and Fleming Lease Abandonments, Kern County, CA
Associate Archaeologist
CLIENT: Crimson Resource Management
Conducted archaeological fieldwork for study areas. Preparation of archaeological site records. Contributor/Co-author for final report.

Keyhole Wind Survey, Kern County, CA
Associate Archaeologist
CLIENT: Quad Knopf, Inc.
Conducted archaeological fieldwork for study areas. Preparation of archaeological site records. Contributor/Co-author for final report.

Rabbitbrush Archaeological and Paleontological Monitoring Project, Kern County, CA
Associate Archaeologist
CLIENT: McCarthy Building Companies, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for documenting and assessing any unanticipated finds during monitoring. Preparation of archaeological site records.

Chaparral Solar Monitoring, Kern County, CA
Associate Archaeologist
CLIENT: McCarthy Building Companies, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for documenting and assessing any unanticipated finds during monitoring. Excavation of two unanticipated prehistoric resources. Preparation of archaeological site records. and Co-author for final report.

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Edwards Air Force Base Fiber Optic Line Archaeological Monitoring, Kern County, CA
Associate Archaeologist
CLIENT: Terraphase Engineering, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for any unanticipated finds during monitoring; Preparation of archaeological site records.

Phase I Cultural Resource Survey/Class III Inventory for the Allensworth Community Serves District Alternative 4 Project, Tulare County, CA
Associate Archaeologist
CLIENT: Crawford & Bowen Planning. Inc.
Contributor/Co-author for the preparation of the final technical report.

San Joaquin River Restoration On-Call Contract, San Joaquin County, CA
Associate Archaeologist
CLIENT: Bureau of Reclamation
Contributor/Co-author for the preparation of the final technical report.

Chaparral Phase II and Inadvertent Discovery Plan, Kern County, CA
Associate Archaeologist
CLIENT: Leeward Renewable Energy, LLC
Coordinated and conducted data recovery excavations for archaeological features during construction monitoring. Archaeological site record preparation. report co-author of the final technical report.

Calico Cultural Resources Review Project, San Bernardino County, CA
Associate Archaeologist
CLIENT: Stronghold Silver Corporation
Contributor/Co-author for the preparation of the final technical report.

Alta Oak Creek Wind Survey, Kern County, CA
Associate Archaeologist
CLIENT: Clearway Energy
Coordinated and conducted archaeological fieldwork for the study area. Preparation of archaeological site records. Contributor/Co-author for the preparation of the final technical report.

Phase I Cultural Resource Survey/Class III Inventory for the Temperance Elementary School Project, Fresno County, CA
Associate Archaeologist
CLIENT: Sanger Unified School District
Contributor/Co-author for the preparation of the final technical report. Preparation of archaeological site records.

Tehachapi Renewable Transmission Project, Los Angeles and Kern Counties, CA
Field Director
CLIENT: Southern California Edison
Responsible for organizing and overseeing fieldwork for ten linear transmission line survey areas and three substations and identifying and recording historical resources identified during Phase I/Class III inventory. Preparation and implementation of several research designs for the evaluations and excavations of six archaeological resources. Contributor/Co-author for the preparation of the final technical report.

Ocotillo Wind, Kern County, CA
Archaeologist/Crew Chief
CLIENT: Recurrent Energy
Coordinated field crew personnel and conducted archaeological fieldwork for the study area. Preparation of archaeological site records. GIS data management and implementation. Conducted archaeological monitoring for ongoing construction.

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Susan Dewar

Senior Program Manager, Restoration Ecologist

Ms. Dewar has over 20 years of experience with natural resources permitting and compliance, with a strong background in restoration and mitigation design, ecological surveying and monitoring, environmental permitting, regulatory compliance, and monitoring of restoration projects. She currently manages a group of over 70 environmental professionals based out of the Northern California region. Ms. Dewar has prepared habitat mitigation and monitoring plans for various permit requirements, Biological Assessments for Federal Endangered Species Act Section 7 consultations, special-status plant salvage plans, and wetland delineations in support of Clean Water Act sections 401 and 404 permits and California Fish and Game Code Section 1600 Lake and Streambed Alteration Agreements. She is a California Registered Landscape Architect, International Society of Arboriculture Certified Arborist and Qualified Tree Risk Assessor, Qualified Storm Water Pollution Prevention Plan Developer, and holds permits from California Department of Fish and Wildlife and U.S. Fish and Wildlife for vernal pool branchiopod surveys.

Years of Experience

21 years

Education

Bachelors, Landscape Architecture, University of California, Davis, CA, 2003

Masters, Ecology, University of California, Davis, CA, 2006

Registrations

Registered Landscape Architect, No. 5640

Certifications

Certified Arborist, No. WE-7374A

QSP/QSD-Qualified SWPPP Practitioner / Developer, No. 26501

U.S. Fish and Wildlife Service (USFWS) 10(a)(1)(A) Recovery Permit for Vernal Pool Branchiopods; California Department of Fish and Wildlife (CDFW) Scientific Collecting Permit for Vernal Pool Branchiopods

Professional Affiliations

California Wolf Foundation, President, From date: 10/01/2021

California Native Plant Society, Redbud Chapter, Secretary, From date: 05/01/2018

Selected Project Experience

Butt Valley Valve-House Bridge Replacement Project, PG&E, Plumas County, CA

Kleinfelder performed biological surveys for the Butt Valley Valve-house Bridge Replacement Project (Project) located approximately 2 miles west-southwest of Prattville in Plumas County, California. Pacific Gas and Electric Company (PG&E) operates the Upper North Fork Feather River Project (FERC No. 2105) to generate electricity, meet water supply obligations and provide ancillary services. The Butt Valley Powerhouse is a critical component of this project, and the Butt Valley Valve-house Bridge provides access to the powerhouse. The Butt Valley Valve-house bridge needed replacement; removal of the old bridge and construction of the new bridge caused some disturbance to Butt Creek and surrounding riparian and upland habitats. Kleinfelder conducted a wetland delineation, visual encounter surveys and eDNA sample collection for Cascades frog, nesting bird surveys, milkweed surveys, assisted with a fish rescue, flagged sensitive resources, assisted in the development of avoidance and mitigation measures (AMMs) for resources identified, provided environmental training for construction crews, and provided post-construction impact documentation.

Grizzly Forebay Dam Access Improvement Project, PG&E, Plumas County, CA

The Bucks Creek Hydroelectric Project (FERC Project 619) is located within Plumas County in the Sierra Nevada Mountains, approximately 17 miles west-southwest of the community of Quincy. The FERC Project consists of two developments that contain four dams, four reservoirs, and two powerhouses, and associated facilities. The Bucks Creek Development was completed in 1928 and includes Three Lakes, Lower Bucks Lake, Bucks Lake, Grizzly Forebay, and Bucks Powerhouse. The Grizzly Development, which was completed in 1993, added the Grizzly Tunnel and Grizzly Powerhouse. PG&E will be constructing access improvements to the downstream side of Grizzly Dam. Kleinfelder provided biological support services including survey and flagging of Mildred's clarkia, surveys for northern goshawk and California spotted owl, and surveys for Sierra Nevada yellow-legged frog. Specific Role: Project Manager | Cost: $38,000 (consultant fee to date) | Time Spent on Project: 05/1/2021-Ongoing

Alta Wind Farm Rare Plant Surveys, and Bakersfield Cactus Surveys and Relocation, Kern County, CA

Restoration Ecologist/Botanist: Participated in protocol-level rare plant surveys on BLM lands and private properties planned for a wind farm. Identified and assessed the appropriateness of conservation areas at the Alta Wind Farm to receive transplants of state and federally endangered Bakersfield cactus (*Opuntia basilaris* var. *treleasei*). Bakersfield cacti within the development footprint of the proposed wind farm were inventoried. Responsible for relocation, maintenance and monitoring of over 200 individuals of the endangered cactus.

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Eldorado–Ivanpah Transmission Project (EITP), SCE, San Bernardino County, CA and Clark County, NV
Ecologist: Conducted field surveys to map jurisdictional wash habitats along proposed transmission and telecommunications line corridors for Southern California Edison's Eldorado-Ivanpah Transmission Project in the Mojave Desert. Identified and mapped potential California Department and Fish and Game (CDFG) and U.S. Army Corps of Engineers (ACOE) jurisdictional areas on over 60 miles of corridor and assisted in the preparation of the jurisdictional report (in support of ACOE Sections 401 and 404 permits as well as CDFG Code 1602 permits).

Crane Valley Riparian Monitoring Project, PG&E, Madera County, CA
Project Manager: The Crane Valley Project Riparian Area Monitoring Plan Requirements (Plan) were developed by Pacific Gas and Electric Company (PG&E) to manage and monitor vegetation, as required by Forest Service 4(e) Condition No. 19, as well as License Article 409, within their Crane Valley hydroelectric project watershed. The Plan requires monitoring the effects of project operations and maintenance on riparian vegetation within the Crane Valley Project Area. Assessments of the composition, cover, structural diversity, and age class of riparian vegetation, as well as other vegetation and site attributes are collected to determine whether these riparian communities fall within the normal range of variation for a normally functioning plant community. In 2012, Ms. Dewar oversaw the comprehensive baseline survey conducted at seven sites in the watershed to establish a new project area baseline for riparian vegetation; this survey and watershed assessment was repeated in 2017.

Living Shorelines Project at Giant Marsh, Contra Costa County, CA
Water Pollution Control Manager: Working for Triton Marine Construction, prepared construction Spill Prevention, Control, and Countermeasure Plan and Turbidity Monitoring Plan for the Giant Marsh restoration project. The construction activities associated with this Project included installation of pre-fabricated artificial reef structures in shallow intertidal waters of San Pablo Bay, including demolition and disposal of eight concrete encased timber piles to facilitate project access from a barge.

Sacramento Service Center Protocol Surveys for Vernal Pool Branchiopods, PG&E, Sacramento County, CA
Permitted Biologist/Project Manager: Ms. Dewar performed wet season protocol surveys for vernal pool branchiopods on behalf of PG&E at an undeveloped 6-acre parcel of land at the Sacramento Service Center site in Sacramento, California. Two species of federally listed large vernal pool branchiopods have moderate potential to occur in the survey area: vernal pool fairy shrimp (*Branchinecta lynchi*), and vernal pool tadpole shrimp (*Lepidurus packardi*). Dry soil analysis and wet season surveys were conducted per the 2015 U.S. Fish and Wildlife Service Survey Guidelines for the Listed Large Branchiopods. California fairy shrimp (*Linderiella occidentalis*) were observed.

West of Devers Upgrade Project, SCE (Barnard Construction) Riverside and San Bernardino Counties, CA
Project Manager/Restoration and Botany Lead. Ms. Dewar serves as project manager as a subconsultant to Barnard Construction for Southern California Edison's (SCE's) approximately 50-mile electric transmission line upgrade project. Pre-construction tasks included supporting preparation of the Integrated Weed Management Plan (IWMP), Habitat Restoration and Revegetation Plan (HRRP), Restoration Execution Plans, jurisdictional delineations, rare plant surveys, cactus and yucca mapping, and rare plant salvage. Ms. Dewar is currently overseeing rare plant salvage, restoration implementation, and long-term monitoring of completed restoration sites.

Tehachapi Renewable Transmission Project Restoration (Segments 6-11), SCE (ICF) Los Angeles County, CA
Seed and Plant Procurement Lead. The Tehachapi Renewable Transmission Project is a series of electrical transmission lines that deliver electricity from wind farms in the Tehachapi area to SCE customers and the California transmission grid. The project consisted of new and upgraded electric transmission lines and substations between eastern Kern County and San Bernardino County. Ms. Dewar was the Seed and Plant Procurement Lead for the project. She was responsible for development of management and work plans regarding seeding/planting implementation, coordination of seeding/planting activities, identification of efficiencies pertaining to minimizing the mobilization costs of the Restoration Contractor, and identification and resolution of planting material constraints.

Path 42 Reconductor Project, Riverside County, CA
Biological Project Manager and Lead Authorized Botanist. The Path 42 Reconductor Project involved reconductoring of approximately 15 miles of electric transmission lines on SCE's existing right-of-way in Riverside County from Devers Substation to Mirage Substation. Ms. Dewar was the Biological Project Manager and conducted/oversaw pre-construction surveys in desert tortoise (*Gopherus agassizii*), Coachella Valley fringe-toed lizard (*Uma inornata*), Palm Springs pocket mouse (*Perognathus longimembris bangsi*), flat-tailed horned lizard (*Phrynosoma mcallii*), burrowing owl (*Athene cunicularia*), and Coachella Valley milk vetch (*Astragalus lentiginosus* var. *coachellae*) habitats.

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Joseph Zilles, P.G. (CA)

Senior Geologist/Hydrogeologist

Mr. Zilles manages hydrogeologic projects throughout the United States and abroad. Mr. Zilles provides hydrogeologic evaluations, water supply assessments, pre-construction permitting (local and State), conducts well pumping tests, aquifer analysis and water quality investigations. Responsibilities include project management, personnel management, preparing specifications, well site permitting, construction management, coordination of design implementation, geophysical log interpretation, and report preparation.

Years of Experience

27 years

Education

BA, Geology, California State University System: Sacramento, California, 1998

Licensure

CA Professional Geologist No. 7787 (exp 4/30/22)

Well Drillers C-57 (RME) No. 467252 CA

Training

Fundamentals of Professional Practice, ASFE, 2006

ASCE Construction Dewatering and Groundwater Control Design and Application, 2012

Professional Affiliations

National Ground Water Association (member)

Groundwater Resource Association, Sacramento Branch (member)

American Water Works Association

(member)

Association of State Dam Safety Officials (member)

American Society of Civil Engineers/EWB (member)

Central Valley Branch, Vice President, 2010-2013

California Construction and Industrial Materials Association (member)

Publications

California Geology, 4th Edition

Summary of Managed Aquifer Recharge Concepts, Star Publishers, Menlo Park, California. (Co-author)

Selected Project Experience

HYDROGEOLOGIC ASSESSMENTS/WATER SUPPLY WELLS / GROUNDWATER RECHARGE

Deep Monitoring Well Installation, Los Alamos National Laboratory, Los Alamos, New Mexico. Site geologist during the installation of regional monitoring wells 2 and 26. Provided oversight of drilling, logging and installation of 1,000 foot deep monitoring well and preliminary logging of soils recovered from continuous coring operations.

Groundwater Investigation, City of Hughson, Hughson, California. In order for the client to avoid a fine from the Regional Water Quality Control Board (RWQCB), Mr. Zilles re-wrote a long standing contentious workplan prepared by another consultant. Mr. Zilles has managed this project which included the tasks of sampling, analysis, and report preparation.

Groundwater Monitoring and Reporting, Delicato Family Vineyards, Manteca, California. Project Manager for the evaluation of the shallow groundwater quality and potential impacts due to wastewater application on site. Additional components to the project include bioremediation pilot program. Tasks include implementing a project schedule, budget development, groundwater monitoring and reporting program. Project parameters RWQCB Standards for Monitoring and Reporting.

Groundwater Monitoring and Reporting, McManis Family Vineyards, Ripon, California. Project Manager for the evaluation of the shallow groundwater quality and potential impacts due to wastewater storage on site. Tasks include implementing a project schedule, budget development, groundwater monitoring and reporting program. Project parameters RWQCB Standards for Monitoring and Reporting.

City of San Leandro, Washington Manor Park Water Well, San Leandro, California. <DESIGN IN PROGRESS> Mr. Zilles is currently managing the well design of a new water supply well for the City of San Leandro. The Kleinfelder design team includes mechanical and electrical engineering preparing CADD plans for all above and below ground features including electrical and water main tie-in. Current scope also includes preparing the bidding specifications to be used by the City to secure a qualified drilling and general contractor(s) when construction begins.

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California State Fair and Exposition (Cal Expo) Well No 1A Design and Construction Project, Sacramento, California. Mr. Zilles managed the well design and construction of a new 16-inch diameter production well for the Cal Expo fairgrounds. Mr. Zilles managed the Kleinfelder design team CADD plans for all above and below ground features including electrical and water main tie-in and prepared the bidding specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of work included overseeing the drilling a pilot hole to 360 feet, lithologic logging, geophysical survey interpretation, final well design, and production testing. Well production is 1,000 gpm with a specific capacity of 16 gpm/ft.

CALPINE Landslide mitigation and Dewatering System Design and Installation Project, Lake County, California. Mr. Zilles was part of a team of professional geologists and engineers tasked with assessing an active landslide upon which rested an active geothermal power plant since the 1980's. Through a drilling exploration program and geologic investigation interpretation of soil and rock encountered beneath the power plant a detailed profile of fill material originating from an upslope cut overlying the Franciscan formation (metasandstone) and serpentinite was identified. Slope inclinometers were installed to aid in monitoring the activity of the slide (over 500,000 sqft area). Mr. Zilles designed a dewatering system consisting of thirteen dewatering wells, 100 feet deep to dewater the slide mass thereby decreasing hydrostatic pressure on the slide plane.

Hydrogeologic/Surface Water Infiltration Evaluation, Jaindl Land Company, Lower Macungie Township, Lehigh County, Pa. Mr. Zilles provided technical direction and evaluation of the proposed stormwater infiltration basins. Behind local project management, the infiltration analyses were performed for the proposed stormwater infiltration basin. The purpose of this infiltration investigation was to augment previous investigations to determine site suitability for infiltration. Due to site soil variability, and the relatively narrow target infiltration zone, a larger scale infiltration study was initiated to determine the long-term infiltration potential of the site and to gauge the potential for groundwater mounding. The supplemental investigation included performing two large-scale Pilot Infiltration Tests (PIT) in April 2014. Based on the results of the field investigation, it was determined that the Site was sufficiently suitable for large scale infiltration. The PIT results from both tests indicated that a design infiltration rate of 0. 6 inches/hour Basin D (for PIT 1) and 0.4 inches/hour for Basin A (PIT 2) should be used for the purposes of basin design.

Integrated Water Management Plan, Groundwater Recharge, South Stockton, California. Project Hydrogeologist and Project Manager responsible for preparing the IWMP for 3,800-acre multi-use development. The IWMP included an assessment of non-potable water demand and supply, groundwater level and quality assessments, installation of monitoring wells, deep aquifer analysis, groundwater modeling, and preparing a long-term monitoring plan for the implementation of a groundwater recharge program.

Water Supply Assessment, California Flats Energy Project, Central, California. Mr. Zilles conducted a water supply assessment in a challenging Central California arid region covering approximately 151,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additionally, a constant rate pumping test was conducted using an existing high production well on site to assess groundwater drawdown in a pumping well and model the radial impacts on surrounding wells in the basin.

Water Supply Assessment, Catalina Wind Energy Project, Antelope Valley, California. Mr. Zilles conducted a water supply assessment in a very challenging arid Mohave Desert region over 27,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with innovative spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additional services included aquifer testing of water supply wells, radial impacts analysis, and groundwater modeling.

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Integrated Water Management Plan, Groundwater Recharge, North Stockton, California. Project Hydrogeologist responsible for preparing the IWMP for 538-acre residential development. The IWMP addressed the use and management of all water for the project and included an assessment of the water demand and supply, groundwater level and quality, development of a stream bed infiltration gallery.

City of Clovis, Municipal Test Well (Dewitt and Santa Ana Avenues). Mr. Zilles managed the installation of a new test well for the City of Clovis. The project included providing specifications in order to secure a qualified drilling subcontractor. The scope of the test well included drilling to a depth of 620 feet, evaluating the geophysical log for zone testing, coordinating multiple (5) zone tests of water bearing zones, coordinating laboratory analyses, and preparing a technical report for use in preliminary design of the new municipal well.

Del Monte Foods Industrial Well #5, Hanford California. Mr. Zilles managed the well design and construction of a new production well for Del Monte Foods. Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of work included overseeing the drilling a pilot hole to 1,500 feet, lithologic logging, geophysical survey interpretation, zone testing, well design, and production testing. Well production was 1,500 gpm.

City of Salem New Jersey, Emergency Water Supply Well. Mr. Zilles and team provided a high level of hydrogeologic expertise for the City of Salem, New Jersey. The city was in need of an emergency water supply well and Kleinfelder provided, under Mr. Zilles' direction, well drilling, construction, and testing specifications for a new well 283 feet deep. The specifications included bidding detail, construction management, and the installation of two monitoring wells (310 and 320 feet). Under high scrutiny from the State of New Jersey, the new well and was installed on time and has been performing as planned. Five Weeks after operation of the well began we received the following information form the client: *"…the well has been operating continuously for over 5 weeks now at a pumping rate of about 250 gpm, which has achieved the goal of allowing the City to meet demand without the use of surface water. As a result, there have been no T&O complaints." – Fred Mucci – City of Salem.*

City of Fresno, Renewal and Replacement Project. Kleinfelder supported the Akel Engineering team and the City of Fresno, California, in developing a low-cost maintenance strategy for its 240 active groundwater wells using the principles of asset management. The plan balanced multiple levels of service including water quality, environmental compliance, emergency preparedness and reliability, and overall asset portfolio risk.

The team assessed the anticipated performance of wells in achieving the city's identified objectives - energy efficiency, water quality, and reliability - using an adaptable optimization model, Kleinfelder identified the set of Fresno's groundwater wells within each service area that could effectively address three objectives, in aggregate, while providing the necessary quantity of drinking water to meet demand. Kleinfelder consolidated and updated multiple datasets, created key performance indicators and analyzed performance against those models, developed visualizations of the results using ArcGIS and Power BI dashboards, and summarized the findings and recommendations in a clear and defensible capital improvement plan that balances multiple goals related to water quality, energy efficiency, and asset risk.

Water Supply Well Assessment, Permitting, and Rehabilitation, University of California, Davis Medical Center, Sacramento, California. Kleinfelder prepared the specifications for assessing and rehabilitating two of the campus wells and coordinated all subcontractor activities and discharge permitting through multiple agencies including the City, County, and the State. Kleinfelder's assessment and rehabilitation strategy included pre-rehabilitation video inspection, rehabilitation with brushing, swage patch of an identified hole in the casing and post repair video inspection. Our data evaluation showed only a brushing and patch was needed, saving the UCDMC the cost of replacing the well.

City of Sacramento, Well Evaluation/Rehabilitation (20 wells), North Beach and Sump 132, Sacramento, California

The City of Sacramento maintains 50 pressure relief wells at the North Beach levee site and 10 pressure relief wells at the Sump 132 location. Kleinfelder provided well inspection and testing services which included the assessment

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of the well surface conditions, down-well video inspection, and pumping test (20-200 gpm) to assess each wells specific capacity.

Los Angeles County, Acton Well No. 37-5, Water Supply Well Consulting Services. Mr. Zilles provided a high level of service for the development of a new groundwater supply well in Acton, California. Working with Los Angeles County and under the supervision and project management of Mr. Zilles, Kleinfelder assisted the County to prepare detailed well drilling specifications, conducted a pre-bid construction meeting, responded to Requests for Information (RFI), and select a drilling contractor. Kleinfelder's future scope also includes field oversight and logging during drilling of the pilot bore, geophysical log interpretation, zone testing for water quality, final well design, and production test analysis to assist the County in determining the specific capacity, transmissivity, and well efficiency.

Los Angeles Department of Water and Power (LADWP), Van Norman Complex Test Well Assessment. Mr. Zilles provided high level technical support to LADWP to re-develop and test two deep 1,400-foot artesian groundwater exploration/supply wells located at the Van Norman Complex. Both wells, each with seven screen intervals, have been re-developed and short-term pumping tests performed. Kleinfelder was tasked to prepare well re-development and aquifer testing work plans and technical memorandums; and oversee the pre- and post-development video inspections, re-development tasks which included high pressure rotational jetting, dual swab isolation air-lifting, and pumping; and spinner flow tests. The upcoming long-term aquifer testing will include isolation packer installations and pumping for several months to evaluate for potential groundwater supply. Kleinfelder is assisting LADWP procure Line-shaft turbine pumps based on our analysis for each well. The information is anticipated to provide the basis for a regional 3D numerical model to fully evaluate water-supply potential in the area.

Tracy Cemetery District Well, Tracy, California. Mr. Zilles has managed the bidding, specifications preparation and oversight for the drilling and installation of a new water supply well for the Tracy Cemetery District, Tracy, California. Additional technical services include, geophysical log interpretation, well screen and filter pack design, water quality testing and final production testing. The well is 500 feet deep and is planned to produce up to 350 gpm.

Water Supply Assessment, Well Design/Construction Specifications and Construction Management, California Flats Energy Project, Central, California. Mr. Zilles conducted a water supply assessment in a challenging Central California arid region covering approximately 151,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additionally, a constant rate pumping test was conducted using an existing high production well on site to assess groundwater drawdown in a pumping well and model the radial impacts on surrounding wells in the basin. Mr. Zilles provided well design and construction specifications for two new wells being developed for this project and will oversee construction of the new wells.

City of Modesto, On-Call Hydrogeologic Services. Mr. Zilles managed the on-call contract for hydrogeologic services at the City of Modesto. Services Kleinfelder was chosen to provide to the City include water well installation, specifications preparation, monitoring well installation, groundwater modeling, groundwater recharge evaluations, and general City support as part of the Groundwater Sustainability Agency.

Fresno County, On-Call Water Resource Services. Mr. Zilles managed the on-call contract for water resource services at Fresno County. Services Kleinfelder was chosen to provide to the County include water treatment, infrastructure pipeline evaluations, surface water evaluations, water well installation, specifications preparation, monitoring well installation, groundwater modeling, and groundwater recharge evaluations.

Commercial Water Supply Well, Bogle Winery, Clarksburg, California. Mr. Zilles managed the well design and construction of a new production well for the Bogle Vineyards winery facility. Mr. Zilles prepared the bidding

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specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of the included overseeing the drilling a pilot hole to 1,500 feet, lithologic interpretation and logging, geophysical survey interpretation for design, zone testing, well design, and production testing. Well production was >500 gpm.

City of Vista, Brengle Terrace Park Well, Vista, California. Mr. Zilles managed the well drilling project for the City of Vista (2015-2016). Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and managed the construction oversight during drilling activities. The scope included drilling a pilot hole to 856 feet and providing technical analysis of geologic conditions encountered which included a thick shallow layer of sapprolite and deeper fractured gabbro bedrock. *"Kleinfelder was responsive to our needs and executed the project in a very collaborative / professional manner. Their expertise and thorough review of available information of the project area revealed potential issues not previously considered. Throughout the project, as new information or challenges occurred, Kleinfelder was quick to revise their recommendations when needed to meet the project site conditions and goals which resulted in a successful project". Skip Hammann - City of Vista*

City of San Diego Well ECPW-2 Hydrogeologic Evaluation, Lakeside, California. Mr. Zilles was the Technical Lead providing technical well construction and testing specifications for the development of a new groundwater resource in fractured bedrock. The scope of services included the implementation of a phase/step approach to include engineering efforts to confirm well production capacity, ground water quality, and preparation of the implementation documents, including design plans and specifications, and engineering support during well construction activities. The geologic setting for the new well is in the granitic rocks of the region in which flow occurs within the fractures of the rock. The drilling depth is anticipated to be approximately 1,000 feet and include a full suite of analytical tools to best engineer the new water supply well such as advanced geophysics and flow estimations.

Commercial Well Siting Study, Sonoma County, California. Mr. Zilles was the technical lead providing the evaluation of two sites over several hundred acres for the development of a groundwater resource. Scope included reviewing technical data from state and federal sources, development of evaluation criteria such as geologic setting, infrastructure, water quality, and costs; and providing recommendations for the development of a groundwater well.

City of Modesto, Test Well Program. Mr. Zilles managed several test well operations for the City of Modesto (2015-2016). Mr. Zilles prepared the specifications, secured a qualified drilling contractor and has provided oversight during pre-construction activities. The scope of the test well program has included thus far included drilling three test wells to depths of 600 feet, zone testing of water bearing zones, providing technical analysis geophysical logging, and preparing preliminary well designs.

City of Manteca, Test Well Program. Mr. Zilles managed the test well program for the City of Manteca (2014-2015). Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and has provided oversight during pre-construction activities. The scope of the test well program includes drilling three test wells to depths of 400 feet, zone testing of water bearing zones, and providing technical analysis geophysical logging. Water blending analyses, and preliminary well design.

Water Supply Well, Travis Air Force Base, California. Under the project management of Mr. Joe Zilles, Kleinfelder provided a high-level review of the existing groundwater pumping model for the Travis Air Force Base well field and simulated (with use of a computer model) the addition of a new well and the drawdown and radial impacts to the existing well field in several scenarios. Based on the optimum placement of a new well Mr. Zilles prepared bid specifications and schematics in accordance with Unified Facilities Guide Specifications (Federal Guidelines) for the installation of a 16-inch diameter water supply well approximately 1,000 feet deep with a pumping capacity of 1,000 gpm. Design features included multiple screen zones, dielectric pipe section couplers, and a compression section.

Water Supply Well, Sonoma County Agricultural Land Preservation and Open Space District, Sonoma County, California. Prepared bid specifications and managed site construction activities which included pilot hole drilling, logging, construction, quality control and production testing. Mr. Zilles coordinated weekly progress meetings, reviewed sub-contractor submittals and provided construction schedule. Depth 380 feet, yield >300 gpm.

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Client Rep quote: *"Thanks so much for all your help—it's been great to work with you." - Kathleen Marsh – Sonoma County Agricultural Preservation and Open Space District.*

Deep Monitoring Well Installation, Los Alamos National Laboratory, Los Alamos, New Mexico. Site geologist during the installation of regional monitoring wells 2 and 26. Provided oversight of drilling, logging and installation of 1,000 foot deep monitoring well and preliminary logging of soils recovered from continuous coring operations.

City of Lincoln, Municipal Water Supply Well, Lincoln, California. Mr. Zilles conducted the lithologic logging during drilling operations and oversaw several key component issues during well construction to include the development and testing of the new 300 foot deep well.

City of Concord Parks Department, Concord, California. Site geologist responsible for drilling oversight and e-logging of new Park irrigation well. In-situ testing of formations via the pilot hole allowed Kleinfelder to reduce potential for anomalous boron concentrations in well, in area of known high boron concentrations. Eight-inch diameter casing and screen was installed to about 300 feet, yielding about 80 gallons per minute, or twice desired amount. This work saved the City about $30,000 to connect to a local water line.

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PUBLICATIONS AND PRESENTATIONS

Joe Zilles, P.G. No. 7787 (CA)

California Geology, 4th Edition, Summary of Managed Aquifer Recharge Concepts, Star Publishers, Menlo Park, California. (Co-author), 2017.

Career Pathways: Professional Geologist Licensure Requirements, and Strategies for Success in Environmental & Engineering Geology Jobs, Geological Society of America, Webinar April 29, 2020.

Pressure Relief Wells Operations and Maintenance, Geotechnical Levee Group Meeting, U.S. Army Corps of Engineers, Sacramento District, June 11, 2018.

Managed Aquifer Recharge, Concepts and Implementation, Groundwater Resource Association/Association of Engineering Geologists, Sacramento Section, June 20, 2017.

Well Siting Evaluations, An Engineering Perspective, RemTEC Summit/National Driller Conference, Denver, CO, 2017.

Water Supply Project, Spring Box Construction, Shissasari, Kenya, Engineers Without Borders. American Society of Civil Engineers, Central Valley Branch, Stockton, CA, 2015.

The Sustainable Groundwater Management Act, and What it Means to the Aggregate Mining Industry, California Construction and Industrial Materials Association, Monterey, CA, 2015.

Water Supply Assessments in Arid Environments, California Construction and Industrial Materials Association, San Diego, CA, 2014.

Water Supply Assessments, Poster Presentation, Association for Environmental Health and Sciences, Annual Conference, San Diego, CA, 2013.

Water Supply Assessment in Arid Environments, As Innovative Weather Data/GIS Approach – Solution Oriented, 26th Professional Development and Technical Training Seminar, Denver, Colorado, February 22-23, 2012.

Construction Dewatering, Dewatering the Delta, Delta Water Supply Pipeline Project, 26th Professional Development and Technical Training Seminar, Denver, Colorado, February 22-23, 2012.

Water Supply Assessments, An Innovative Approach, Association of Environmental and Engineering Geologists, 2012 Annual Meeting Salt Lake City, UT, September 2012.

Well Construction Management and Rehabilitation Work Shop, Santa Rosa, 2007.

Well Construction Management and Rehabilitation Work Shop, Sacramento, 2007.

Water Supply Assessment in California, Senate Bills 610 and 221, Association of Environmental Professionals, Bay Area Chapter, Cotati, California, 2007.

Water Supply Assessment in California, Senate Bills 610 and 221, Kleinfelder Inc. 21st Professional Development and Technical Training Seminar, Los Angeles, California, March 23-24, 2007.

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Erin Abendroth

Staff Geologist

Years of Experience
1 years

Education
Bachelors, Geology, University of California, Riverside, 2016

Masters, Geology, California State University, Sacramento, 2022

Certifications
8-Hour HAZWOPER Refresher

Ms. Abendroth has experience in field sampling and logging for hazardous materials such as lead and asbestos containing materials. She is responsible for conducting environmental and geotechnical investigations and preparing reports. She has been involved on a multidisciplinary design team to complete project tasks for local electrical utility providers and flood control agencies. Her problem-solving abilities make her an asset to the project team.

Selected Project Experience

CEMEX West Sacramento Phase 1 ESA, West Sacramento, California, From January 8, 2024 To February 9, 2024
Conducted an environmental assessment of a former cement terminal located in an industrial area of West Sacramento. The investigation included review of the site history and associated documents from regulatory agencies, as well as an in-depth investigation of potential environmental impacts resulting from the presence of several bulk fuel terminals located at adjacent properties. This assessment supported environmental due diligence prior to a potential sale of the property.

Smith Canal Gate Stop Logs Phase I ESA, Stockton, California, From December 11, 2023 To January 12, 2024
Conducted an environmental assessment of a former industrial facility located in the Port of Stockton. The investigation included an in-depth review of previous investigations, risk assessments, and regulatory letters. This assessment supported the development of a conceptual site model as well as soil characterization sampling and analysis for the purpose of risk management prior to a large infrastructure improvement project. All on-site work was coordinated with the property owner to minimize impacts to site operations.

Montlake IG Paving, Phase I Environmental Site Assessment, Sacramento, CA. , From 03/2023 To 03/2023
Staff Geologist. Performed initial site walk, recorded detailed notes of observations, and compiled photographs into a photo log.

Costco, Soil Cleanup for Proposed Costco Warehouse, Loomis, CA, From 03/2023 To 04/2023
Staff Geologist. Pre-field and field activities associated with the excavation and disposal of lead and arsenic contaminated soils prior to construction activities. Oversaw excavation activities of four areas of known soil contamination and monitored immediate area for fugitive dust. Completed confirmation sampling of excavation sidewalls and bottom. Sampled resultant soil stockpiles for the purpose of disposal profiling.

Sacramento Area Flood Control Agency, Sacramento, California, From December 5, 2022 To December 16, 2022
Safely conducted above-water work which included the use of small, motorized boats and a barge-mounted drill rig to collect lake-bottom soil samples from a private 60-acre lake. Other tasks included health and safety plan preparation and communication of daily progress updates to the project management team.

Private Client, From 10/28/22 To 11/22/22
Conducted historical research, prepared conceptual site model and draft of the work plan discussing sampling plan, sample collection methods, laboratory testing, comparison of data against screening levels to assess historical agricultural airstrip.

Kleinfelder Lab, Rancho Cordova, CA, From 10/10/2022 To Present
Completed geotechnical sample analyses including extracting samples from Shelby tubes, measuring sample dimensions and weights, and preparing samples prior to oven-drying. Additional lab experience includes performing sieve analyses.

SMUD, Sacramento, CA, From 10/10/2022 To Present
As part of an on-call contract, completed soil sampling and waste characterization profiling for various utility improvement projects. Conducted pre-field planning activities such as: preparing health and safety plans (HASPs), utility clearance marking, coordinating with subcontractors, planning activities for fieldwork. Experience collecting soil samples from stockpiles and pre-characterization soil borings. Analyzed data, completed data reports that compared date to various screening levels.

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Lisa Achter

Senior Biologist and Project Manager

Years of Experience
17 years

Education
Bachelors; Wildlife Management & Conservation, Humboldt State University, Arcata, CA, 2007

Certifications and Affiliations
- USFWS Giant Gartersnake and California Tiger Salamander Recovery Permit, No. TE-05665B-2
- CDFW Giant Gartersnake and California Tiger Salamander Scientific Collection Permit (SCP) and Memorandum of Understanding (MOU), No. SC-12693
- Wetland Delineation Training
- The Wildlife Society (Western Section and Sac-Shasta Chapter, 2013-Present)

Lisa Achter is a wildlife biologist and project manager with over 17 years' experience in several ecological fields within California and Nevada, specializing in conducting habitat assessments, general and focused biological surveys, and trapping and relocation studies for a number of special-status and common wildlife species. She has managed multiple projects and led field crews projects with varying degrees of complexity in large- and small-scale settings. In addition to writing numerous biological sections of environmental impact reports (EIR), USFWS Biological Assessments (BA), Biological Technical Reports (BTR), Natural Environment Studies (NES), Initial Studies (IS) and Mitigated Negative Declarations (MND) and other survey and analysis reports and documentation, she is familiar with environmental laws and regulations to include the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), state and federal Endangered Species Acts (CESA and ESA), federal Migratory Bird Treaty Act (MBTA), and the California Fish and Game Code. She also develops permitting strategies under the federal Clean Water Act (Sections 404 and Section 401) and California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration Agreements (1600). Ms. Achter regularly provides senior review and direction for field surveys and the documents listed above, and develops mitigation and avoidance techniques for vernal pool and wetland communities and special-status plant and wildlife species.

Selected Project Experience

Travis Air Force Base – Taxiway November and Ramp 400 Repair Project, Solano County, California.
Serves as the lead biologist and project manager for a runway repair project at Travis AFB. Ensures compliance with environmental documents and permits to avoid impacts to California tiger salamander, special-status plants and wetlands.

Altamont Landfill Resource Recovery Facility, Fill Area 2 Expansion Project, Livermore, Alameda County, CA.
Manages a long-term project involving compliance with state and federal agency issued permits and MMP. Performs biological tasks including preconstruction biological surveys to determine the presence of special-status species including CTS, CRLF, American badger, San Joaquin kit fox, and burrowing owl. Performs CTS salvage operations for development of ponds within the landfill. Conducted annual botanical and wetland surveys and general biological reconnaissance surveys, as well as periodic construction monitoring.

California Tiger Salamander Salvage and Relocation, Potrero Hills Landfill Expansion Project, Fairfield, Solano County, CA.
Managed a long-term project involving trapping and relocation of the state and federally threatened California tiger salamander. Managed scheduling and supply inventory, as well as trap checking and processing (weighing and measuring) captured CTS. Ensured long-term compliance with project permits and the Mitigation and Monitoring Program (MMP), participated in egg surveys, larval sampling, trained staff and helped maintain project site, while adjusting success criteria as necessary.

Napa County Major Structures, Yountville Cross Road Bridge Repair Project, Napa County, CA.
Conducted a biological constraints analyses and prepared a subsequent Natural Environment Study (Minimal Impacts) for a bridge repair project over the Napa River in Napa County. Determined impacts to special-status bird, reptile and amphibian species, as well as NMFS Essential Fish Habitat and listed species.

Napa County Storm Repair Projects, Napa County, CA.
Serves as project manager and conducts biological constraints analyses for several sites within Napa County to determine constraints related to repairs on roads and culverts that were damaged during an earthquake in 2014 and winter storms in 2017-2023. Drafts state and federal permits for development impacts to wetlands and waters under the jurisdiction of ACOE, CDFW, and RWQCB. Serves as a biological monitor during construction where

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special-status species could be present, performs roosting bat surveys, coordinates and provides protocol-level northern spotted owl surveys, provides environmental trainings to crews.

Beale Air Force Base Tricolored Blackbird Habitat Restoration Plan, Yuba County, CA.
Prepared a draft NEPA environmental assessment to determine constraints to and potential impacts of restoring habitat for tricolored blackbird at Beale Air Force Base.

Grizzly Forebay Access Project, PG&E, Plumas County, CA
Performed protocol-level California spotted owl surveys in the vicinity of a dam site prior to repair work on the dam. Organized field crews to assist with surveys and oversaw safety call in/out with PG&E. Prepared summary reports at the conclusion of surveys.

Renewable Properties LLC, Multiple Small-Scale Solar Projects, throughout California.
Performs biological resource assessments on multiple small-scale solar projects throughout California. Assists with the development of mitigation measures to avoid impacts to special-status species and sensitive habitats. Prepares responses to comments and works with the client and federal and state agencies to develop permitting strategies.

Newell Creek Dam Outlet Conduit Replacement, City of Santa Cruz, Santa Cruz County, California.
Conducted a biological constraints analysis for a dam repair project and prepared a biological technical report detailing the results of the analysis. Determined potential impacts to special-status avian and amphibian species and developed mitigation strategies for avoidance.

Calaveras County, Jenny Lind Wastewater Treatment Plant Pretreatment Upgrades Project, Valley Springs, CA.
Performed a BRA of a wastewater treatment plant to determine potential constraints to plant upgrades related to biological resources and aquatic features potentially under jurisdiction of USACE, CDFW, and RWQCB. Prepared a BTR and conducted a habitat assessment for Sierra Nevada yellow-legged frog (Rana sierra, SNYLF), California red-legged frog (Rana draytonii, CRLF), and western pond turtle, and performed a preconstruction nesting bird survey. Prepared and presented a Worker Environmental Awareness Training (WEAT).

Ponderosa West Grass Valley Defense Zone Extension Project, Nevada County, California.
Conducted a biological constraints analysis of several parcels included in a fuels reduction project to support a NEPA EA. Developed a mitigation strategy minimize impacts to special-status plant and wildlife species.

Bolinas Community Land Trust, Ranchworkers Co-Housing Project, Marin County, CA.
Conducted a biological constraints analysis for a site in Bolinas to determine constraints related to development of an affordable housing community. Performed a jurisdictional delineation to define the boundaries of wetlands and waters on the site that could potentially be under the jurisdiction of ACOE, CDFW and RWQCB.

Estero Public Trail Easement, Sonoma County Parks and Recreation, Bodega Bay, CA.
Conducted a BRA to determine potential constraints to development of the property related to special-status species and aquatic features potentially under the jurisdiction of USACE, CDFW, and RWQCB. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site, and constraints to development regarding CEQA, CESA, and MBTA. Performed surveys for and positively identified CRLF.

Alameda Whipsnake and California Tiger Salamander Habitat Assessment, Moore Biological Consultants, Alameda County, CA.
Conducted a habitat assessment on a private parcel to determine habitat suitability for Alameda whipsnake and CTS. Prepared a BRA to document the findings of the assessment and potential biological constraints due to development of the parcel.

Biological Resources Assessment for the Copeland Creek Detention Basin and Trail Project, Rohnert Park, Sonoma County, CA.
Assessed a property in Sonoma County to determine potential biological resources on the site that could pose constraints to development of a detention basin and public trail. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site, and constraints to development regarding CEQA, CESA, and MBTA. Positively identified burrowing owls on the site.

NorCal Self Storages, Napa Airport Self Storage Project, Napa, CA.
Conducted a BRA of a parcel in Napa County to determine potential constraints to development of the property. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site and constraints to development regarding CEQA, CESA, and the MBTA. Performed subsequent preconstruction nesting bird surveys.

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Jordan Annand

Mr. Annand has served as a responsible staff level geologist of geologic & hydrogeologic investigations for many projects throughout California. Some of his experience includes: writing geohazard reports and geologic sections of technical reports; borehole/test pit logging; soil/rock classification; dewatering/monitoring well installations; well rehabilitation; pump testing; aquifer analysis; groundwater and surface water monitoring/sampling; Phase II site assessments, lab testing soils; and construction observation, testing, and inspection.

Years of Experience

7 years

Education

BS Geology, California State University Stanislaus, Turlock, CA, 2017

Registrations

CA Geologist-In-Training (GIT)

Certifications

40-Hour HAZWOPER

30-Hour Construction Safety, No. 21-602052157

8-Hour HAZWOPER Refresher, Kleinfelder

Select Project Experience:

Bogle Vineyards Groundwater Monitoring, Clarksburg, CA

Prepared quarterly groundwater monitoring reports assessing the groundwater quality near the process wastewater land application area (LAA) in accordance with Waste Discharge Requirements (WDR). Responsible for the field preparation and field groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, project reporting and creation of data tables, charts, and appendices.

California Natural Products, Lathrop, CA

Responsible for the field preparation and field groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, project reporting and creation of data tables, charts, and appendices.

City of Sacramento: Relief Well Rehabilitation and Pump Testing, Sacramento, CA

Provided hydrogeologic services and oversite during the rehabilitation of relief wells for the City of Sacramento. Oversaw pre/post well rehab downhole videos, well rehabilitation, turbidity monitoring, sand content monitoring, pumping test oversite. Coordinated field activities with subcontractors and assisted with data analysis, video review, report writing, and other project deliverables.

California Rice Commission, Colusa County, CA

Conducted surface and groundwater water sampling to assess water quality in accordance with Rice Waste Discharge Requirements (Rice WDR) Program, the Rice Pesticide Program (RPP), and Rice Groundwater Trend Monitoring Program. Responsible for the field preparation and field surface and groundwater sample collection, measurement of water column and flow metering, analytical data analysis, project reporting and creation of data tables, charts, and appendices.

Buena Vista Rancheria, Ione, CA

Oversaw pre/post well rehab downhole videos, well rehabilitation, turbidity monitoring, sand content monitoring, pumping test oversite. Coordinated field activities with subcontractors and assisted with data analysis, video review, report writing, and other project deliverables. Responsible for the field preparation and field groundwater sample collection.

Sun Dry Products, Vernalis, CA

Provided environmental services and oversite of a site remediation project in Vernalis, California. Oversaw the drilling and excavation of contaminated soil and obtained soil samples for laboratory analysis.

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Darryl Berberi-Hill, P.G (CA)

Mr. Berberi-Hill is a geologist with 11 years of experience working on hydrogeologic, geotechnical, and environmental projects. His project experience ranges in size from multi-year, hydrogeologic and environmental investigations of abandoned mine sites, to large scale geotechnical levee assessments, to small-scale pre-construction geotechnical assessments. Mr. Berberi-Hill's focus has been on a combination of hydrogeologic characterization (groundwater quality data evaluations, flow direction, gradient, storage, recovery, and general drinking water quality), and subsurface geotechnical investigations for levee assessments and roadway transportation improvements. Mr. Berberi-Hill is experienced in applying multiple groundwater sampling techniques to address the unique conditions of various sites. He is also experienced in applying mud rotary, air rotary, sonic, hollow stem auger, direct-push, and cone penetrometer testing drilling techniques to various groundwater and geotechnical investigations.

Years of Experience

11 years

Education

Bachelors, Geology, University of California, Davis, CA, 2013

Registrations

CA Professional Geologist (PG), No. 9772

Certifications

40-Hour HAZWOPER

8-Hour Supervisor Training, No. 16502737

24-Hour New Miner Training Certificate

CPR & First Aid

8-Hour HAZWOPER Refresher, Kleinfelder

Select Project Experience:

Mission Bell Winery, Constellation Brands, Inc. Madera CA

Assist client in update of Record of Waste Discharge permit through conduct thorough groundwater quality assessment. Assessment included review of historical groundwater and wastewater analytical data, as well as historical groundwater elevations. Statistical analyses performed to determine significance of increasing or decreasing trends in groundwater analytical data. Produced a report showing findings of groundwater quality assessment including relative to wastewater discharge analytical data, including recommendations for adjustments and expansion of current monitoring well network.

Confidential Mine Superfund Site, EPA Region 9, Lyon County, NV

Task lead for preparation of quarterly and annual sitewide groundwater and domestic well monitoring reports for monitoring well network of over 300 wells. Reporting included a six-step groundwater quality data evaluation where statistical analyses were applied to current and historic groundwater data identify statistically significant increasing or decreasing trends in select analytes. The data evaluation included screening for potential outside influences (primarily agricultural) to groundwater quality on site. Field lead for multiple remedial investigation activities including quarterly groundwater monitoring, domestic well sampling and Pit Lake surface water sampling efforts, waste rock pile drilling, sampling, logging, etc.

Confidential Mine Superfund Site, EPA Region 9, Alpine County, CA, From 2016 To 2022

Worked as a member of a Remedial Investigation project team. Provided oversight of monitoring well installation using sonic drilling technology as well as development and sampling of installed wells. Performed aquifer “slug” testing using pneumatic and conventional methods on monitoring wells. Task lead for collection and management of sitewide water level data collected with transducers. Conducted surface water quality monitoring and sampling upstream and downstream of the site. Applied Field Portable X-Ray Fluorescence technology to onsite and offsite soil sampling events to establish naturally occurring background levels of various elements. Assisted in onsite and offsite characterization of contamination footprint due to historic mining activities.

Woodbridge Winery Groundwater Monitoring, Acampo, CA

Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for field preparation and execution of groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

California Natural Products, Lathrop, CA

Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

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Oakwood Lake Groundwater Monitoring Report, Stockton, CA
Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

Bogle Vineyards, Clarksburg, CA
Quarterly groundwater monitoring and reporting to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsibilities include groundwater sample collection, groundwater laboratory data evaluation, and production of quarterly groundwater monitoring reports.

Perchlorate Investigation and Remediation, Confidential Client, Morgan Hill, CA
Lead field geologist responsible for oversight of direct push Cone Penetrometer Testing (CPT) investigation. Determined the lateral and vertical extent of multiple aquifers that extend downgradient of the site. Groundwater sample collection adapted from Hydropunch™ sampling techniques was used to characterize the lateral extent of perchlorate migration.

Regulatory Review Environmental Support Services, Confidential Client, Chico, CA
Responsible for field preparation, coordination, and execution of quarterly groundwater monitoring, well gauging, and groundwater sampling. Regulatory review and litigation-related environmental support services for former industrial building products manufacturer. Services include subsurface characterization, groundwater quality testing and sampling pertaining to characterizing the extent of a groundwater plume impacted by the historic disposal of solvents (PCE and TCE).

Resource Conservation and Recovery Act Power Plant Investigation, Confidential Client, Antioch, CA
Lead geologist responsible for field oversight and direction of site investigation activities, including advancing soil borings, soil and grab groundwater sample collection, monitoring well installation, and lithologic identification and soil logging.

Air Force Civil Engineer Center, Castle Air Force Base, Atwater, CA
Assisted in site investigation of potential per- and polyfluorinated alkyl substance (PFAS) releases at multiple areas throughout the site due to historical use of aqueous film forming foam (AFFF) for fire suppression activities. Provided oversight for drilling activities including continual logging of soil cores and collection of grab groundwater samples. Applied strict sampling techniques to account for low detection levels while seeking to prevent cross contamination of groundwater samples due to prevalent use of PFAS in common products such as clothing, equipment, and personal hygiene products.

Bear River Supply Inc, Yuba City, CA
Assisted in development and execution of environmental site investigation for ~5,000-gallon spill of U-32 agricultural fertilizer which resulted from a ruptured above ground storage tank. Responsibilities included workplan development, fieldwork coordination and for multiple soil sample collection events, data processing, interpretation and plume delineation of nitrate-impacted soils.

Newark Sierra Paperboard Facility, Caraustar, Stockton, CA
Field Lead for semi-annual groundwater sampling event to address diesel and TCE-impacted subsurface and groundwater underlying the facility. Provided drilling oversight and conducted groundwater sampling for additional field investigation to determine lateral extent of contamination and possible off-site plume migration.

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Nicole Carpenter

Biologist

Ms. Carpenter is a Biologist with experience in native plant restoration and botanical field work in California. She has experience with botanical surveys and working with plant communities in the northern Sierra Nevada mountain range. She has assisted in restoration planning and monitoring, rare plant surveys, invasive plant surveys and monitoring, and biodiversity monitoring.

Years of Experience

3 years

Education

Bachelors, Ecology and Evolutionary Biology, University of California, Santa Cruz, 2010

Masters, Environmental Management, University of San Francisco, 2020

Certifications

Wetland Delineation Training

Professional Affiliations

California Invasive Plant Council, Member, From date: 08/01/2023

California Native Plant Society, Member, From date: 10/01/2012

Selected Project Experience

Lakeville-Ignacio Emergency Tower Repair, PG&E, Sonoma County
Monitored construction activities of a transmission tower repair in tidal marsh habitat for salt marsh harvest mouse, Ridgway's rail, and California black rail.

PG&E Vegetation Management, Sierra and North Valley Regions
Provide land planning support for proposed vegetation management work. Prepare notification packages to be submitted to federal and state agencies detailing the proposed work. Enter data and maintains current work package details in a database. Review Biological Constraints Reviews (BCR) to determine biological support requirements for proposed work. Draft Environmental Release to Construction (ERTC) documents, which include necessary biological and cultural support, Best Management Practices (BMPs), and resource specific Avoidance and Minimization Measures (AMMs).

PG&E Noxious Weed Projects, Sierra Nevada, Shasta to Kern County
Ms. Carpenter provides botanical support to assist with noxious weed management on PG&E hydroelectric projects throughout the Sierra Nevada. Ms. Carpenter performs post-treatment weed monitoring surveys, flagging of noxious weeds for treatment, flagging of special status plants for avoidance, hand pulling of select noxious weed populations, and water sampling. Specific PG&E hydroelectric projects include Spring Gap-Stanislaus, Crane Valley, Bucks Creek, and Pit 3, 4, 5.

Avenue 26 Solar, Renewable Properties LLC, Madera County, California
Conducted a targeted plant survey for native milkweed prior to the installation of a small-scale solar farm. Occurrences of milkweed were flagged and mapped for avoidance during construction.

Bucks Lake Special Status Plant Surveys, PG&E, Plumas County
Participated in a baseline botanical survey for the Bucks Creek hydroelectric project (FERC Project No. 619). Collected data and mapped known and new occurrences of special status plants. Updated floristic plant lists from the previous baseline survey. Mapped new occurrences of invasive plants for future management.

Invasive Plant Survey, PG&E, Amador County
Conducted a targeted plant survey for medusahead and yellow star-thistle along transmission lines for PG&E Vegetation Management program. Flagged locations of medusahead and yellow star-thistle for avoidance during vegetation management work. Provided an invasive plant tailboard to help the crew to identify common invasive plant species and reviewed best management practices (BMPs).

Sierra Monitoring Project, CDFW, northern Sierra Nevada, California
Collected biodiversity and habitat data for a long-term monitoring project in the northern Sierra Nevada. Data collection included documenting and photographing the habitat type, woody vegetation surveys, bird and bat acoustics, and baited camera stations.

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Constance Ganong

Regulatory Specialist, Senior Plant Ecologist

Years of Experience
21 years

Education
Bachelors, Physical Anthropology, University of Pennsylvania, Philadelphia, PA, 1993

Masters, Ecology Evolution Systematics and Pop Biology, San Francisco State University, San Francisco, CA, 2003

Ms. Ganong is a plant ecologist with over 19 years of experience in floristic and biological field work in California, including ecological surveying and monitoring, environmental permitting and regulatory compliance, and construction monitoring of restoration projects. Her expertise encompasses Rare Plant Surveys, Vegetation Classification and Mapping, Wetland Delineation/Assessment, Restoration and Mitigation Planning and Monitoring and Project Management.

Certificates: 18-hour Advanced Wetland Delineation (WRA Environmental) certification, 2009. 40-hour Jurisdictional Delineation of Waters of the U.S., including wetlands on the California Coast (Elkhorn Slough Coastal Training Program & WSP) certification, 2008

Selected Project Experience

Twin Pine Solar Project, RPCA Solar 6, LLC, Laytonville, CA
Conducted formal aquatic resources delineation within 48 acres of vernal pool grasslands for potential U.S. Army Corps Engineers (USACE) Section 404 jurisdictional wetlands and other waters.

Livorna Road Storm Damage Project, Caltrans, Contra Costa County, CA
Conducted vegetation mapping, rare plant and habitat assessment, and waters delineation for this slope repair project adjacent to San Ramon Creek. Helped prepare the Natural Environmental Study and Biological Assessment, which included potential impacts to Alameda whipsnake and California red-legged frog.

Pit 3, 4, and 5 Hydroelectric Weed Management and Botanical Surveys, PG&E, Shasta County, CA.
Conducted annual post-treatment weed monitoring surveys and participated in field surveys for special-status plants.

Crane Valley Hydroelectric Project Noxious Weed Management and Botanical Survey, PG&E, Madera County, CA.
Conducted annual post-treatment noxious weed monitoring surveys.

Grizzly Island Pole Maintenance Project, PG&E, Solano County, CA
Conducted wetland assessments and delineations within Suisun Marsh on Grizzly Island Wildlife Area and private property for this electric distribution pole replacement project. Conducted field inventories and habitat assessments of all 28 pole replacements with PG&E General Construction and contractor. Assisted with determining environmental issues, avoidance and minimization measures, and BMPs for each pole with the PG&E biologist and Land Planner and CDFW personnel. Coordinated access for each pole with CDFW and Suisun Resource Conservation District for PG&E and contractor. Managed and coordinated the biological monitors for each pole. Provided the environmental tailboard about salt marsh harvest mouse and monitored pole replacements done by PG&E General Construction.

MacArthur Maze Vertical Clearance Project, Caltrans, Alameda County, CA.
Conducted formal wetland delineation for potential U.S. Army Corps Engineers (USACE) Section 404 jurisdictional waters, including wetlands; wrote the Preliminary Jurisdictional Determination report which was sent to USACE. Met with USACE liaison for field verification.

Mococo Wetland Restoration Project, Caltrans, Contra Costa County, CA.
Conducted quantitative monitoring using linear transect-quadrat sampling to assess hydrophytic and non-native, invasive plant species cover. Qualitative monitoring includes site visits to visually assess plant establishment, watering and maintenance needs, weed control, and to identify problems. In 2020 the final mitigation year, conducted formal wetland delineation to determine the boundaries of U.S. Army Corps Engineers (USACE) jurisdictional wetlands. Annual reports prepared for Caltrans for agency review.

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County of Marin Five Bridges Project, Marin County, CA.
Conducted vegetation mapping, tree surveys, protocol-level rare plant surveys, and wetland delineations for biological study areas at five bridge relocation or rehabilitation sites. Two bridge sites are within National Park Service lands: Muir Woods National Monument and Point Reyes National Seashore. Technical reports written for rare plant surveys and wetland delineation submitted to resource agencies.

Vegetation Monitoring, Crystal Geyser, Water Bottling Facility Project, Inyo County, November 2018-Present.
Conduct habitat monitoring annually for 5 years. Monitoring includes assessment of vegetation health, measurement of riparian and wetland vegetation and woody riparian species regeneration, and vegetation sampling. Methods include point intercept along transects, quadrat sampling of absolute percent cover, and Daubenmire cover scale.

Butterfly Host Plant Surveys, PG&E Vegetation Management and PG&E Transmission. San Mateo and Marin Counties, CA.
Surveys for rare butterflies larval host/food plants: Federal Endangered callippe silverspot butterfly (*Speyeria callippe callippe*) and Johnny jump-up (*Viola pedunculata*); Federal Endangered Mission blue butterfly (*Plebejus icarioides missionensis*) and silver lupine (*Lupinus albrifrons*), varied lupine (*L. variicolor*) and summer lupine (*L. formosus*); Federal Endangered San Bruno elfin butterfly (*Callophrys mossii bayensis*) and broadleaf perennial stonecrop (Sedum spathulifolium), and Federal Threatened Bay checkerspot butterfly (*Euphydryas editha bayensis*) and California plantain (*Plantago erecta*).

Caldecott Tunnel Wetland Mitigation Project, Caltrans, Alameda County, CA
Conducted quantitative monitoring using linear transect-quadrat sampling to assess hydrophytic and non-native, invasive plant species cover. Qualitative monitoring included site visits to visually assess plant establishment, watering and maintenance needs, weed control, and to identify problems. Annual reports prepared for Caltrans for agency review. During Year 5, conducted formal wetland delineation for potential USACE Section 404 jurisdictional waters, including wetlands. Met with Corps liaison for verification of delineation.

State Route 4 Capital Preventative Maintenance Project, Caltrans, Contra Costa County
Conducted formal aquatic resources delineation within 497 acres of Caltrans right-of-way for State Route 4 from Hercules to Concord, CA for potential USACE Section 404 jurisdictional wetlands and other waters; wrote the Preliminary Jurisdictional Determination report which was sent to USACE.

Caltrans Pigeon Pass Onsite Wetland Mitigation Project, Alameda County, CA
Conducted formal wetland delineations in 2012, 2015, and 2019 to determine the boundaries of 10 U.S. Army Corps Engineers (USACE) jurisdictional wetlands at six mitigation sites along State Route 84 in Alameda County. Prepared the wetland delineation and mitigation report for USACE and SFRWQCB. Conducted an annual wetland assessment and report in 2013, 2014 and 2017. Met with USACE liaison for field verification in 2019.

Vegetation and Aquatic Assessments, SLAC National Accelerator Laboratory, San Mateo County, CA
In 2018 conducted rare plant habitat field assessments along 5 miles for this vegetative management project under the SLAV 230kV transmission line. Mapped aquatic features during the surveys. In 2023 conducted an aquatic resources assessment for drainages in an area for potential new buildings.

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Jennifer-Lynn Kellerman

Wildlife Biologist

Years of Experience
8 years

Education
Associates, Mathematics, Palomar College, San Marcos, CA, 2013

Bachelors, Wildlife Management & Conservation, Humboldt State University, Arcata, 2016

Professional Affiliations
California Native Plant Society, Member, From date: 12/01/2022

Jepson Herbarium, Member, From date: 11/11/2022
California Associate of Environmental Professionals, Member, From date: 02/10/2020

Ms. Kellerman has a broad range of experience with eight years of work in the environmental compliance and research fields including academic, tribal, and non-profit sector projects working with special status and invasive species. Mrs. Kellerman has experience with task management as an assistant project manager, field lead for large and small scale projects, report writing, and pre-activity surveys and reports. Her field experience includes but is not limited to environmental clearance surveys, biological monitoring, and environmental compliance on Bureau of Land Management (BLM), U. S. Forest Service (USFS), Western Riverside County Multihabitat Conservation Plan (WR - MHCP), San Diego Gas and Electric Subregional Natural Community Conservation Plan (SDGE - NCCP) and private lands. She has conducted habitat assessments, pre-construction surveys, and monitoring for avian, small mammal, amphibian, reptile, and invertebrate, as well as raptor and mesocarnivore capturing, handling, and monitoring. Based in Southern California, she also has worked in the Bay Area and Pacific Northwest.

Selected Project Experience

Point Blue Conservation Sciences - Marin County, CA
NSO Technician Assisted with monitoring Northern spotted owls (*Strix occidentalis caurina*) in Marin County for the Marin Municipal Water District and Marin Open Space District. Conducted protocol-level surveys and monitoring for Northern spotted owls. Responsible for scheduling and monitoring 19 sites following strict protocols. Coordinated with landowners and hiked into sites to conduct surveys to assess presence/absence, determine pair status, and locate nests. Utilized ArcGIS to create maps of detected owls and survey routes.

Hoopa Tribal Forestry - Hoopa, CA
Wildlife Technician Provided field and office support for long-term studies of the local Northern Spotted Owl, Barred Owl, and Fisher populations. Assisted passively monitoring northern spotted owls (*Strix occidentalis caurina*) using acoustic recorders. Maintained and managed equipment in the field and data in the office as well as analyzed acoustic data using Kaleidoscope. Assisted training coworkers to conduct field and office work required for the acoustic recorder project. Assisted with the long-term demographic study on fishers (*Martes pennanti*) by providing the following field support: 1. capturing and collecting physiological measurements and samples from fishers, 2. radio telemetry tracking the collared fisher population in Hoopa. Assisted with surveying for willow flycatchers (*Empidonax traillii*) using a point count survey method.

Pacific Gas and Electric (PG&E), Noxious Weed Projects, Sierra Nevada and Cascade Mountain Ranges
Biologist. Ms. Kellerman conducts botanical and wildlife surveys to assist with noxious weed control efforts for PG&E throughout the California side of the Sierra Nevada mountain range, to include several forest service lands such as Sierra, Stanislaus, El Dorado, Plumas, and Shasta Trinity National Forests. As a botanist, Ms. Kellerman provides support for baseline botany surveys, special status plant species surveys, flagging for noxious weed removal, assisting with hand pulling select target weed populations, monitoring noxious weed removal success, and water sampling. Ms. Kellerman has provided botany support for the following PG&E Noxious Weed Projects: Crane Valley, Spring Gap-Stanislaus, Mokelumne, Rock Creek Cresta, Caribou, and Pit 3, 4, 5. As a wildlife biologist, Ms. Kellerman provides western pond turtle (Actinemys marmorata) surveys within areas containing suitable habitat where noxious weed treatment activities are scheduled to occur for the Crane Valley project. Additionally, Ms. Kellerman has assisted with report preparation for the annual and comprehensive reports for the Mokelumne and Crane Valley projects.

CalRecycle, 2021 Wildfire Cleanup and Recovery Project, Northern California
Biologist. Kleinfelder teamed with Tetra Tech for the CalRecycle 2021 Wildfire Cleanup and Recovery Project. This project included the removal of destroyed structures within the Project footprint and hazardous trees within the right-of-way of public roads across the following 16 counties: Alpine, Butte, El Dorado, Kern, Lake, Lassen, Mendocino, Nevada, Placer, Plumas, Shasta, Siskiyou, Tehama, Trinity, Tulare, and Tuolumne. Several special status species were identified to potentially occur within the Project footprint, including but not limited to California red-legged frog, Sierra Nevada yellow-legged frog, and Northern spotted owl. Ms. Kellerman assisted with a variety of roles ranging

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from biological field lead to report preparations. Ms. Kellerman conducted report preparations throughout Project operations for biological assessment memorandums in support of permit applications for proposed temporary water crossings and laydown yards in support of Project operations. Additionally, Ms. Kellerman assisted with the preparation of the Section 7 Report after Project operations completed. As the field lead, Ms. Kellerman coordinated and provided guidance to the biological monitors, monitored project activities, summarized potential non-compliance events, continuously communicated with field and office teams as project guidance changed, and attended field meetings to discuss mitigation plans for sensitive biological resources requiring additional consideration beyond what was provided in the Project's Environmental Protection Plan.

Klamath Biological Research Station and Colorado State University, Northern Spotted Owl Demography Study, Six Rivers National Forest, Humboldt and Trinity Counties, CA.
Northern Spotted Owl Research Assistant. Ms. Kellerman conducted surveys for a long-term population ecology study of northern spotted owls (*Strix occidentalis caurina*) in Northern California where she determined nesting and reproductive status of owls. Ms. Kellerman banded, collected morphometric measurements, and extracted blood from captured owls. She conducted night calling on forest roads independently and with a partner to determine owl residency. She completed, organized, and reviewed data forms. She conducted snorkel surveys in the South Fork Trinity River for Northwestern pond turtles (*Emys marmorata*).

CalRecycle, 2020 Northern Branch Wildfire Cleanup and Recovery Project, Northern California
Lead Biologist. Kleinfelder is teamed with Tetra Tech for the CalRecycle Northern Branch Wildfire Cleanup and Recovery Project. This project included the removal of destroyed structures within the project footprint and hazardous trees within the right-of-way of public roads across nine counties: Butte, Del Norte, Lassen, Nevada, Plumas, Shasta, Siskiyou, Trinity, and Yuba. Several special status species were identified to potentially occur within the project footprint, including but not limited to California red-legged frog, Sierra Nevada yellow-legged frog, and Northern spotted owl. As the field lead, Ms. Kellerman coordinated and provided guidance to the biological monitors, reviewed biological monitoring reports, monitored project activities, provided a daily memorandum of project activities, and wrote biological assessments in support of permit applications for proposed water crossings and laydown yards. After Project operations were completed, Ms. Kellerman assisted with the preparation of the Section 7 Biological Report.

Pacific Gas and Electric (PG&E), San Buno Mountain Natural Gas Pipeline Project, Brisbane, CA
Biologist. Kleinfelder provided biological support for excavation efforts of a natural gas pipeline within San Buno Mountain County and State Park in San Mateo County. Biological support provided included targeted botanical surveys and subsequent monitoring. Ms. Kellerman assisted with conducting daily pre-construction survey and monitoring Project operations to ensure minimal impacts to biological resources occurred.

Pacific Gas and Electric (PG&E), Grizzly Forebay California Spotted Owl Surveys, Plumas County, CA
Biologist. Pacific Gas & Electric Company (PG&E) plans to construct access improvements to the downstream side of Grizzly Dam, Plumas County. Prior to work occurring, California spotted owl surveys are required to be completed. to determine presence and breeding status of California spotted owls within the area. Ms. Kellerman conducted California spotted owl night surveys at Grizzly Forebay along established calling stations (approximately 0.25 to 0.5 miles apart) and survey routes, using a speaker to broadcast calls and vocal hooting methods.

Costco Development Project, Murrieta, CA
Biologist. The Costco Development Project in Murrieta is proposed to include construction of a Costco Wholesale warehouse and fuel station. Ms. Kellerman coordinated with construction to ensure all preconstruction surveys were completed within the appropriate time frames. In compliance with the project MMRP, biological mitigations measure MM-BIO-2 and MM-BIO-3, Ms. Kellerman conducted burrowing owl surveys in accordance with the Burrowing Owl Survey instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area and preconstruction nesting bird surveys for the Costco Development Project in Murrieta, California. Upon completion of each survey, a memorandum was written to be included in the grading permit request, followed later by a detailed report containing a description of the project and background information, survey methods, a compilation of all survey results, an inventory of wildlife species observed, a map representing survey routes, and photographs of the project site.

City of Anaheim, Holden Anaheim Hills Senior Living Facility Project, Anaheim, CA.
Biologist. Ms. Kellerman conducted a biological constraints analysis, reviewing databases including California Natural Diversity Database (CNDDB), California Native Plant Society (CNPS) Inventory of Rare Threatened and Endangered Plants of California, and U.S. Fish and Wildlife Service (USFWS) information, Planning and Conservation (IPaC) List, in support of the CEQA Class 32 Exemption document for the development of a Senior Living Facility in Anaheim, Orange County, California.

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EXHIBIT C

PAYMENT RATES

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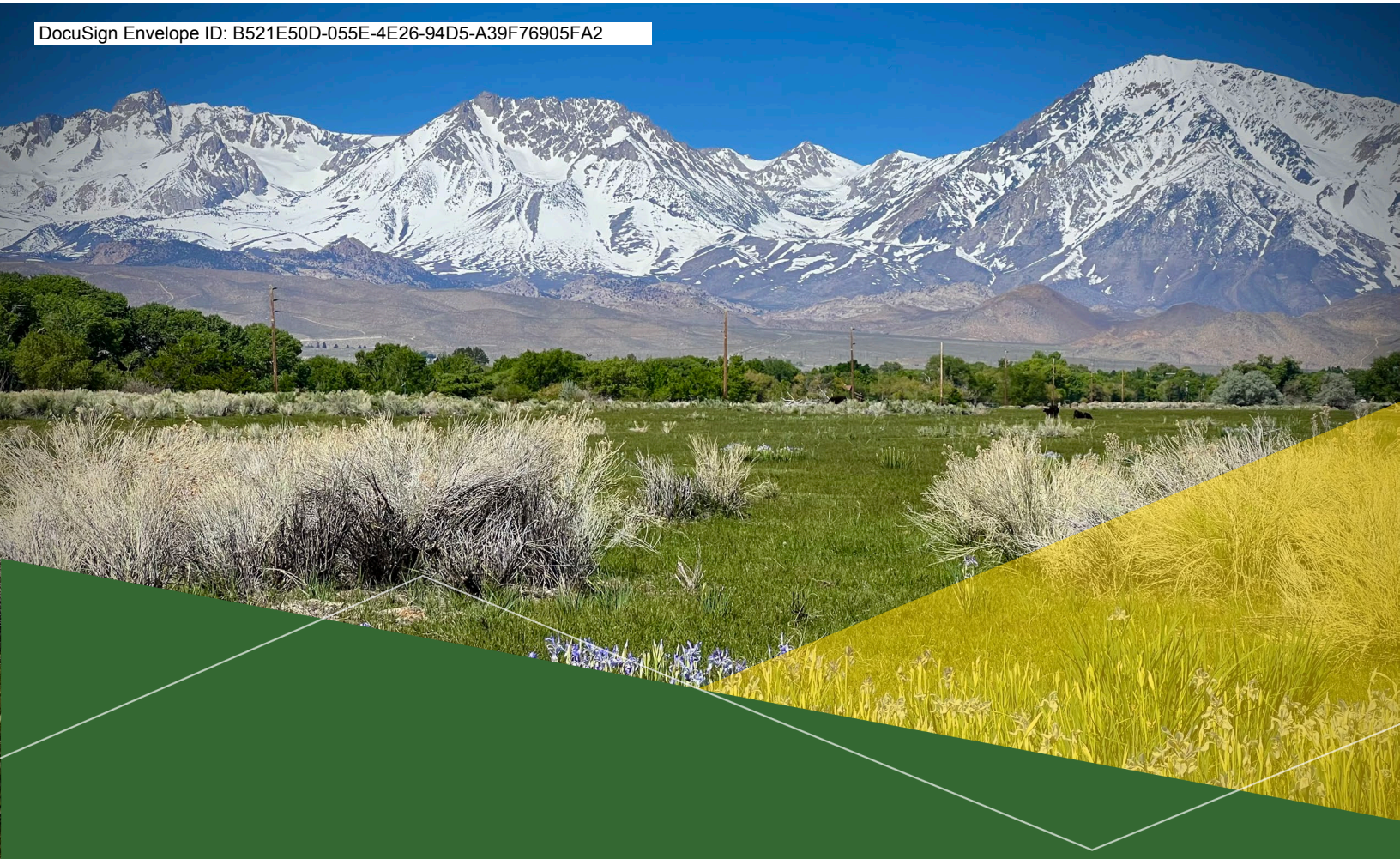

City of Bishop

On-Call Environmental Services 2024 Price Statement

March 12, 2024

717 Market Street, Suite 400
San Francisco, CA 94103
650-373-1200 **panoramaenv.com**

PANORAMA ENVIRONMENTAL, INC.

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PANORAMA ENVIRONMENTAL, INC.

2024 Standard Rates and Charges

Hourly Personnel Charges

Position	Rate
Tech Editor I	$110
Technical Editor II	$120
Administration/Document Production	$120
Contract Manager	$155
Environmental Analyst I	$125
Environmental Analyst II	$135
Environmental Scientist I/Planner I	$140
Environmental Scientist/Planner II	$155
Environmental Scientist/Planner III	$170
Cartographer /GIS Analyst	$125
Cartographer/GIS Specialist	$155
Cartographer/GIS Manager	$170
Project Manager I/Sr. Planner I	$180
Project Manager II/Sr. Planner II	$190
Senior Project Manager I	$200
Senior Project Manager II	$205
Senior Manager I	$220
Senior Manager II	$235
Director	$250
Principal	$265

Other Charges

Mileage is charged at the IRS Standard Rates for the current year. Travel expenses are billed at cost. Outside services, equipment, and facilities not furnished directly by Panorama will be billed at cost plus 15% including, but not limited to:

- Shipments and express delivery
- Printing and photographic reproductions
- Rental of equipment
- Special fees, permits, insurance, etc.
- Subcontractors
- Supplies

KLEINFELDER, INC – NorCal Pacific, Environmental Permitting & Planning
2024 RATE SCHEDULE

Developed for: City of Bishop

PROFESSIONAL STAFF RATES

Professional*	$	98/ hour
Staff Professional I*	$	106/ hour
Staff Professional II*	$	118/ hour
Project Professional*	$	128/ hour
Senior Professional	$	148/ hour
Principal Professional	$	195/ hour
Senior Principal Professional	$	295/ hour
Project Manager I	$	155/ hour
Project Manager II	$	179/ hour
Program Manager	$	255/ hour
Senior Project Manager/Senior Program Manager	$	290/ hour
GIS/Designer/Drafter*	$	122/ hour
Senior GIS/Designer/Drafter	$	158/ hour
Project Controls Professional*	$	144/ hour
Senior Project Controls Professional	$	198/ hour

ADMINISTRATIVE STAFF RATES

Administrator*	$	90/ hour
Project Administrator	$	131/ hour

PREVAILING WAGE (ON-SITE AND TRAVEL) RATES

Group 1^* (Lead Insp - NC 63-3-9-2023-1)	$	244/ hour
Group 2^* (Inspector/General Environmental Monitoring & Surveys - NC 63-3-9-2023-1)	$	238/ hour
Group 3^* (Soils - NC 63-3-9-2023-1)	$	216/ hour
Group 4^* (Concrete - NC 63-3-9-2023-1)	$	197/ hour

- ✓ Public works projects or projects receiving public funds may be subject to Prevailing Wage laws. The above rates marked ^ are in accordance with NC 63-3-9-2023-1. Group 3 rate may be used for any professional staff handling soil during pre-construction, construction, or demolition activities in accordance with California AB1768. Second shift rates (not shown) apply to any work starting after 2pm and before 4am and will incur a separate rate in accordance with California AB1768.
- ✓ Prevailing wage billing rates will increase according to the predetermined schedule included in determination NC 63-3-9-2023-1 on July 1st of each year.
- ✓ Travel time will be charged, including at the prevailing wage rate, as required per the determination and the Public Works Manual Section 4.1.5.
- ✓ If at any time during the term of this contract any categories of work are determined by the DIR to require payment of prevailing wage, and where the existing non-PW hourly billing rate is lower, the hourly billing rate will increase to $238.00 the Group 2 Rate.

KLEINFELDER, INC – NorCal Pacific, Environmental Permitting & Planning
2024 RATE SCHEDULE

Developed for: City of Bishop

- ✓ PW rates will be charged, including retroactively, for the covered scope items if the DIR directs that this is covered work at any time during the life of this agreement, or thereafter.
- ✓ Hourly rates assume that other direct costs will be billed and reimbursed by the client. Kleinfelder reserves the right to adjust the rate schedule on projects where other direct costs are not reimbursed.

Subcontractor fees and Other Direct Costs to be reimbursed at cost plus 10%.
Travel related costs to be reimbursed at cost.
Mileage to be billed at current IRS rate.

***Time worked in excess of 8 hours per day and weekend/holiday work will be charged at 1.5X the hourly rate shown above. Overtime applies to (*) rates only.**

Hourly rates shall be escalated annually on January 1 of each calendar year, starting 1/1/2025. Labor Escalation Rate to be 5%.

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ASM AFFILIATES

2024 STANDARD BILLING RATES

Classification	***Hourly Rate***
Principal/Project Manager IV	$ 200.00
Principal/Project Manager III	$ 190.00
Principal/Project Manager II	$ 180.00
Principal/Project Manager I	$ 165.00
Senior Archaeologist III	$ 155.00
Senior Archaeologist II	$ 140.00
Senior Archaeologist I	$ 125.00
Architectural Historian/Historian III	$ 150.00
Architectural Historian/Historian II	$ 130.00
Architectural Historian/Historian I	$ 110.00
Associate Archaeologist III	$ 120.00
Associate Archaeologist II	$ 110.00
Associate Archaeologist I	$ 105.00
Assistant Archaeologist III	$ 95.00
Assistant Archaeologist II	$ 90.00
Assistant Archaeologist I	$ 85.00
Archaeological Crew III	$ 95.00
Archaeological Crew II	$ 90.00
Archaeological Crew I	$ 85.00
GIS Administrator II	$ 135.00
GIS Administrator I	$ 110.00
Graphics Supervisor	$ 95.00
Word Processor II	$ 90.00
Word Processor I	$ 70.00
Accountant	$ 110.00
Admin II	$ 85.00
Admin I	$ 70.00

Cultural Monitoring: Any hours worked up to 4-hours in a day, including travel, will be billed at a half day rate. A minimum 48-hour notice is required for cancellation of any scheduled monitoring. Should scheduled monitoring be cancelled within 12-hours of the scheduled start time, a half day rate will be charged. Should monitors be called to the field and no ground disturbing work occur, a half day rate will be charged. Any hours worked above 4-hours and up to 8-hours in a day will be billed at the 8-hour daily rate. Any hours worked above 8-hours and up to 10-hours in a day will be billed at a 10-hour daily rate. Any hours worked over 10-hours and up to 12-hours in a day will be will at an hourly rate of $200.00 per hour. Any hours worked over 12-hours in a day will be billed at $250.00 per hour.

EXHIBIT D

INSURANCE REQUIREMENTS

Without limiting Consultant's indemnification of Agency, and prior to commencement of Work, Consultant shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to Agency.

General liability insurance. Consultant shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Consultant shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Consultant arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Professional liability (errors & omissions) insurance. Consultant shall maintain professional liability insurance that covers the Services to be performed in connection with this Agreement, in the minimum amount of $1,000,000 per claim and in the aggregate. Any policy inception date, continuity date, or retroactive date must be before the effective date of this Agreement and Consultant agrees to maintain continuous coverage through a period no less than three (3) years after completion of the services required by this Agreement.

Workers' compensation insurance. Consultant shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000).

Consultant shall submit to Agency, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of Agency, its officers, agents, employees and volunteers.

Umbrella or excess liability insurance. [Optional depending on limits required]. Consultant shall obtain and maintain an umbrella or excess liability insurance policy with limits that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond if any primary insurance that would otherwise have applied proves to be uncollectible in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Other provisions or requirements

Proof of insurance. Consultant shall provide certificates of insurance to Agency as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers’ compensation. Insurance certificates and endorsements must be approved by Agency’s Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with Agency at all times during the term of this contract. Agency reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by Consultant, his agents, representatives, employees or subconsultants.

Primary/noncontributing. Coverage provided by Consultant shall be primary and any insurance or self-insurance procured or maintained by Agency shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of Agency before the Agency’s own insurance or self-insurance shall be called upon to protect it as a named insured.

Agency’s rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, Agency has the right but not the duty to obtain the insurance it deems necessary and any premium paid by Agency will be promptly reimbursed by Consultant or Agency will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, Agency may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders’ Rating of A- (or higher) and Financial Size Category Class VI (or larger) in accordance with the latest edition of Best’s Key Rating Guide, unless otherwise approved by the Agency’s Risk Manager.

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Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against Agency, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against Agency, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Consultant acknowledges and agrees that any actual or alleged failure on the part of the Agency to inform Consultant of non-compliance with any requirement imposes no additional obligations on the Agency nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Consultant maintains higher limits than the minimums shown above, the Agency requires and shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Agency.

Notice of cancellation. Consultant agrees to oblige its insurance agent or broker and insurers to provide to Agency with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that Agency and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to Agency and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer’s limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

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Pass through clause. Consultant agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Consultant, provide the same minimum insurance coverage and endorsements required of Consultant. Consultant agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Consultant agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to Agency for review.

Agency's right to revise specifications. The Agency reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Consultant ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Consultant, the Agency and Consultant may renegotiate Consultant's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by Agency. Agency reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by Agency.

Timely notice of claims. Consultant shall give Agency prompt and timely notice of claims made or suits instituted that arise out of or result from Consultant's performance under this AGREEMENT, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. Consultant shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.

CITY OF BISHOP
DESIGN PROFESSIONAL SERVICE AGREEMENT FOR
AS NEEDED, ON-CALL ENVIRONMENTAL CONSULTING SERVICES

THIS AGREEMENT, is made and effective June 1, 2024 between the City of Bishop, a municipal corporation ("Agency") and **TEAM Environmental, Inc.** (“Consultant”). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. TERM

This Agreement shall commence on **June 1st 2024** and shall remain and continue in effect for three (3) years. The Agreement may be extended for one (1) year at a time, after the initial three (3) years, with a maximum Agreement term of five (5) years after commencement date, unless sooner terminated pursuant to the provisions of this Agreement.

2. SERVICES

General Scope of Services. Consultant promises and agrees to furnish to Agency all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the environmental consulting services necessary for the Project (“Services”). The Services are generally described in Exhibit “A”, Agency’s Request for Qualifications and Exhibit “B”, Consultant’s Statement of Qualifications, attached hereto and incorporated herein by reference, and which are stated in the proposal to Agency. The Services shall be more particularly described in the individual Task Order issued by Agency. No services shall be performed unless authorized by a fully executed Task Order. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3. PERFORMANCE

Consultant shall at all times perform all tasks described herein in accordance with generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

4. AGENCY MANAGEMENT

The City Administrator shall represent Agency in all matters pertaining to the administration of this Agreement, review and approval of all products submitted

by Consultant, but not including the authority to enlarge the Tasks to Be Performed or change the compensation due to Consultant. Agency's Manager shall be authorized to act on Agency's behalf and to execute all necessary documents which enlarge the Tasks to Be Performed or change Consultant's compensation, subject to Section 5 hereof.

5. PAYMENT

(a) Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The maximum compensation for Services to be provided pursuant to each Task Order shall be set forth in the relevant Task Order. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

(b) Consultant shall not be compensated for any services rendered in connection with its performance of this Agreement which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Administrator. Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by the City Administrator and Consultant at the time Agency's written authorization is given to Consultant for the performance of said services. the City Administrator may approve additional work not to exceed ten percent (10%) of the amount of an individual Task Order, but in no event shall such sum exceed ten-thousand dollars ($10,000.00). Any additional work in excess of this amount shall be approved by the Governing Board.

(c) Consultant will submit invoices monthly for actual services performed. Invoices shall be submitted on or about the first business day of each month, or as soon thereafter as practical, for services provided in the previous month. Payment shall be made within thirty (30) days of receipt of each invoice as to all non-disputed fees. If Agency disputes any of Consultant's fees it shall give written notice to Consultant within thirty (30) days of receipt of an invoice of any disputed fees set forth on the invoice.

6. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

(a) Agency may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If Agency suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

(b) In the event this Agreement is terminated pursuant to this Section, Agency shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to Agency. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to Agency pursuant to Section 3.

7. DEFAULT OF CONSULTANT

(a) The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, Agency shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default and can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

(b) If the City Administrator or his/her delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, he/she shall cause to be served upon the Consultant a written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, or, if the nature of the cure is such that more than ten (10) days will be required to effect the cure, and Consultant has not commenced the cure within said ten (10) days, then the Agency shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

8. OWNERSHIP OF DOCUMENTS

(a) Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts, and other such information required by Agency that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and best professional practices and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of the Agency or its designees at reasonable times to such books and records; shall give Agency the right to examine and audit said books and records; shall permit the Agency to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings, and activities related to this Agreement. Such records, together with supporting

documents, shall be maintained for a period of three (3) years after receipt of final payment.

(b) Upon completion of, or in the event of termination or suspension of this Agreement, and upon payment of Consultant's invoices, all original documents, designs, drawings, maps, models, computer files, surveys, notes, and other documents prepared in the course of providing the services to be performed pursuant to this Agreement shall become the sole property of the Agency and may be used, reused, or otherwise disposed of by the Agency without the permission of the Consultant. Any re-use, or modification of Consultant's instruments of service without the Consultants participation shall be at the Agency's sole risk and Agency agrees to indemnify the Consultant from any claims arising out of the re-use or modification. With respect to computer files, Consultant shall make available to the Agency, at the Consultant's office and upon reasonable written request by the Agency, the necessary computer software and hardware for purposes of accessing, compiling, transferring, and printing computer files.

9. INDEMNITY AND DEFENSE

(a) Indemnification for Professional Services

To the fullest extent permitted by law, Consultant shall indemnify and hold harmless Agency and any and all of its officials, and employees ("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including reasonable attorney's fees and costs, to the extent they arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant. Consultant's duty to indemnify shall include reimbursement of reasonable defense costs incurred by Agency in direct proportion to the Consultant's proportionate percentage of fault. Consultant's percentage of fault shall be determined, as applicable, by a court of law, jury or arbitrator. In the event any loss, liability or damage is incurred by way of settlement or resolution without a court, jury or arbitrator having made a determination of the Consultant's percentage of fault, and if the parties cannot mutually agree on the percentage, the parties agree to mediation with a third party neutral to determine the Consultant's proportionate percentage of fault for purposes of determining the amount of indemnity and defense cost reimbursement owed to the Agency.

(b) For All Other Liabilities

Notwithstanding the foregoing and without diminishing any rights of Agency under Section 9.A, for any liability, claim, demand, allegation against Agency arising out of, related to, or pertaining to any act or omission of Consultant, but which is not a design professional service,

Consultant shall defend, indemnify, and hold harmless Agency, its officials, employees, and agents ("Indemnified Parties") from and against any and all damages, costs, expenses (including reasonable attorney fees and expert witness fees), judgments, settlements, and/or arbitration awards, whether for personal or bodily injury, property damage, or economic injury, and arising out of, related to, any concurrent or contributory negligence on the part of the Agency, except for the sole or active negligence of, or willful misconduct of the Agency.

10. INSURANCE

Consultant shall maintain prior to the beginning of and for the duration of this Agreement insurance coverage as specified in Exhibit "D" attached to and part of this Agreement.

11. INDEPENDENT CONSULTANT

(a) Consultant is and shall at all times remain as to the Agency a wholly independent Consultant. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither Agency nor any of its officers, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents, except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the Agency. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against Agency, or bind Agency in any manner.

(b) No employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, Agency shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for Agency. Agency shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

12. LEGAL RESPONSIBILITIES

The Consultant shall keep itself informed of State and Federal laws and regulations which in any manner affect those employed by it or in any way affect the performance of its service pursuant to this Agreement. The Consultant shall at all times observe and comply with all such laws and regulations. The Agency, and its officers and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this Section.

13. UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure is used against or in concert with any officer or employee of the Agency in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of the Agency will receive compensation, directly or indirectly, from Consultant, or from any officer, employee or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling the City to any and all remedies at law or in equity.

14. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of Agency, or their designees or agents, and no public official who exercises authority over or responsibilities with respect to the Project during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the Project performed under this Agreement.

15. RELEASE OF INFORMATION/CONFLICTS OF INTEREST

(a) All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without Agency's prior written authorization. Consultant, its officers, employees, agents, or subconsultants, shall not without written authorization from the City Administrator or unless requested by the Agency Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories, or other information concerning the work performed under this Agreement or relating to any project or property located within the Agency. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives Agency notice of such court order or subpoena.

(b) Consultant shall promptly notify Agency should Consultant, its officers, employees, agents, or subconsultants be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions, or other discovery request, court order, or subpoena from any person or party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the Agency. Agency retains the right, but has no obligation, to represent Consultant and/or be present at any deposition, hearing, or similar proceeding. Consultant agrees to cooperate fully with Agency and to provide the opportunity to review any response to discovery requests provided by Consultant. However, Agency's right to review any such

response does not imply or mean the right by Agency to control, direct, or rewrite said response.

16. NOTICES

Any notices which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by notice:

To Agency:	City of Bishop P.O. Box 1236 Bishop, CA 93514 Attention: Agency Clerk
To Consultant:	TEAM Environmental, Inc. 459 West Line Street, Suite A Bishop, CA 93514 Attention: Naomi Jensen, President

17. ASSIGNMENT

Consultant has represented to Agency that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of Agency. In the event that AGENCY and Consultant cannot agree as to the substitution of key personnel, AGENCY shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to AGENCY, or who are determined by the AGENCY to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the AGENCY. The key personnel for performance of this Agreement are as follows:

Naomi Jensen, Principal and Project Manager
Greg Foote, Senior Environmental Scientist
Jenny Richardson, Senior Biologist
Richard Shore, P.G. Professional Geologist
Key Subcontractor: WSP USA, Inc. Nick Meisinger, CEQA/NEPA Specialist

18. LICENSES

At all times during the term of this Agreement, Consultant shall have in full force and effect, all licenses required of it by law for the performance of the services described in this Agreement.

19. GOVERNING LAW

The Agency and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in the municipal, superior, or federal district court with jurisdiction over the Agency.

20. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

21. CONTENTS OF REQUEST FOR PROPOSAL AND PROPOSAL

Consultant is bound by the contents of the Agency's Request for Qualifications, Exhibit "A" hereto and incorporated herein by this reference, and the contents of the Statement of Qualifications submitted by the Consultant, Exhibit "B" hereto. In the event of conflict, the requirements of Agency's Request for Qualifications and this Agreement shall take precedence over those contained in the Consultant's proposals.

22. AUTHORITY TO EXECUTE THIS AGREEMENT

The person or persons executing this Agreement on behalf of Consultant warrants and represents that he/she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder.

23. LIMITATION OF LIABILITY; WAIVER OF CONSEQUENTIAL DAMAGES

The total amount of all claims the Agency may have against the Consultant under this Agreement or arising from the performance or non-performance of the Services under any theory of law, including but not limited to claims for negligence, negligent misrepresentation and breach of contract, shall be strictly limited to the lesser of the fees or $100,000. As the Agency's sole and exclusive remedy under this Agreement any claim, demand or suit shall be directed and/or asserted only against the Consultant and not against any of the Consultant's employees, officers or directors.

Neither the Agency nor the Consultant shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected to this Agreement or the performance of the services on this Project. This mutual waiver includes, but is not limited to, damages related to loss of use, loss of profits, loss of income, loss of markets, unrealized energy savings, diminution of property value or loss of reimbursement or credits from governmental or other agencies.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CONSULTANT

By: Naomi Jensen
Naomi Jensen, President, TEAM Environmental, Inc.

CITY OF BISHOP
A Municipal Corporation

By: _____
Jose Garcia, Mayor

ATTEST:

By: _____
Robin Picken, City Clerk

APPROVED AS TO FORM:

By: _____
Dean Pucci, City Attorney

EXHIBIT A

REQUEST FOR QUALIFICATIONS/SERVICES TO BE PROVIDED

CITY OF BISHOP

377 West Line Street - Bishop, California 93514
P. O. Box 1236 - Bishop, California 93515
City Hall 760-873-5863 Public Works 760-873-8458
Fax 760-873-4873

Request for Qualifications for As Needed, On-Call Environmental Services

Dear Interested Party:

The City of Bishop (**"City"**) is seeking a statement of qualifications from environmental consulting teams (**"Consultant**") to provide On-Call, As Needed Environmental Consulting Services. Under the direction of the City's staff, the environmental consultants will assist on an as-needed basis, with a variety of environmental professional services including the preparation and review of California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA) documents for projects that may occur within the City of Bishop limits. As a public entity, the City of Bishop is considered the lead agency for the processing of projects within the City limits in compliance with CEQA.

A. Purpose and Background

The purpose of this Request for Qualifications (RFQ) is to provide the City with specific environmental consulting services and other related items when expedited services are needed. For each project for which services will be requested, the City will issue a Task Order to one or more firms under the On-Call Agreement and request a proposal.

The term of the As Needed, On-Call services contract(s) shall be for three (3) years. The contract(s) may be extended for one (1) year at a time, after the initial three (3) years, with written agreement of the City and the Consultant. The contract(s) may be extended until a five (5) year period is complete.

The City supports the Disadvantaged Business Enterprise (DBE) program and encourages the use of DBE consultants and subconsultants when possible. The primary purpose of the DBE program is to provide training, assistance, and services to minority, disadvantaged, and women business enterprises and provide equal opportunity. There is no DBE goal for participation in this RFQ. However, DBE goals will be given for the task orders if required.

B. Scope of Services

Services provided by Consultant will be on an intermittent, as needed, On-Call basis. The Consultant shall have staff qualified to conduct all necessary environmental consulting work and written documents, including graphics.

Scope of Services may include, but are not limited to, the following tasks:

- Preparation of technical reports/memos and NEPA and CEQA documents or similar:
    - Natural Environment Study (NES) / NES Minimal Impacts
    - Biological Assessment
    - Revegetation Plan
    - Focused Plant or Animal Survey
    - Habitat Assessment
    - Wetland Delineation
    - Arborist Evaluation
    - Noise Technical Memorandum
    - Initial Site Assessment
    - Lead and Asbestos Testing
    - Historic Property Survey Report
    - Archaeological Survey Report
    - Historic Resources Evaluation Report
    - Finding of Effect
    - Water Quality Assessment Memorandum/Report
    - Caltrans forms, for example, Preliminary Environmental Study PES Form, Caltrans Floodplain Forms
    - Initial Study / Mitigated Negative Declaration / Mitigation Monitoring and Reporting Program
    - Environmental Impact Reports (EIR)

- Obtain sub-consultants for other as-needed professional environmental consultant services related to environmental analysis and surveying.
- Attend kickoff and other meetings at the City's request.
- Review CEQA/NEPA documents, plans, studies, and other documents on behalf of the City.
- Providing General Assistance and Support to comply with CEQA/NEPA requirements for both federal and/or state-funded projects.
- Consultation with City, Caltrans, or other agency staff.
- Reviewing environmental reports or technical studies.

- Reviewing project permits.
- Identifying the components and requirements of a project.
- Conducting a site investigation to determine existing field conditions.
- Submitting a written proposal, including the scope of work, a not-to-exceed fee proposal, and a schedule.
- Compliance monitoring.

All work shall be in accordance with local, state, and federal standards when applicable.

All documentation, and graphics prepared under the terms of the Agreement with the City shall be delivered to the City and shall become the property of the City. Other work not required by the City, such as notes, sketches, charts, computations, and other data shall be available upon request to the City without restrictions or limitations.

C. Assignment of Work

The City will assign work to any of the contracted firms as deemed necessary. All work shall be performed under the direction of a licensed professional engineer registered with the State of California. No subcontractors shall be utilized without prior authorization by the City.

The consultant will have a prescribed number of working days, indicated in the Task Order, to submit the requested proposal. Failure to submit the proposal by the prescribed time may cause the proposal to be rejected and another firm assigned the task.

When services are being requested, the City will issue the Task Order to one or more of the firms under the On-Call Agreement and request a proposal, including project understanding, fee rates for the completion of the tasks, proposed methods, hours to be spent on tasks, and a schedule including the time needed to complete the tasks. The City will review proposals and will award the work based on qualifications for tasks and overall cost.

Project scheduling will be based on a task-to-task basis decided by the City and Consultant. Any changes in the schedule must have prior authorization by the City's Public Works staff. The final payment will be paid when all tasks are complete, and the City has received all the required documents.

Schedule

The City of Bishop has set a schedule for the RFQ process. However, the services provided by the Consultant will be on an as needed, On-Call schedule.

Description	Estimated Completion Date
Advertisement of Request for Qualifications	February 12, 2024
Requests for Clarification/information Deadline	March 9, 2024
Statements Due	March 12, 2024
Interviews (if desired by City)	Week of March 25, 2024
Initial Selection	April 8, 2024
Contract Negotiations	Week of April 15, 2024
Present to City Council	April 22, 2024

D. City Provided Work and Information

If requested by Consultant, The City of Bishop will provide the following:

- City of Bishop Standard Plans
- Recorded maps showing parcel boundary information
- Topographic information if available
- GIS information if available
- Previously completed, project specific plans or reports
- Codes specific to Bishop

E. Selection Criteria and Process

The contract(s) will be awarded on the basis of demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required. There may be interviews for the top responsive firms. Statements will be reviewed by select City staff members and authorized City Representatives. The City will score each of the following criteria on a scale of 1-5 which will be multiplied by the weighted values, with 1 being below average and 5 being exceptional. City Staff will rate statements as seen in the following table:

Criteria	Weight Factor	Rating (1-5)	Weighted Rating
A. Understanding of work to be done	0.10		
B. Responsiveness to request for qualifications	0.05		
C. Appropriateness and acceptability of approach and work plan, ability to develop proposals for issued task orders	0.15		
D. Ability to complete task orders in a timely manner	0.15		
E. Qualifications of the firm, consultant, and assigned staff	0.10		
F. Knowledge of and experience with similar work	0.15		
G. Local experiences & knowledge	0.15		
H. References	0.05		
I. Rating and ranking of interview (if conducted)	0.10		
		Total Score:	
Comments:			

The initial selection(s) will be based on the criteria listed in the table above. If clarification is required, a written questionnaire may be provided or an informal interview may be conducted. If an interview is conducted, it will be scheduled within three weeks following the statement submittal.

After selection of the top-ranked firm(s), the City will negotiate final contract terms. The goal of negotiations is to agree on a final contract that delivers the services and products required with reasonable fees. Compensation for the as needed, On-Call, agreements shall be handled through task orders and will be financed through project specific funding sources. Note, there is no expectation or guarantee of a total contract amount.

F. Proposed Response Format

The following statement format is required and has been designed to facilitate comparison among statements submitted. The statements should not exceed 15 pages, not including attachments. Future Task Orders assigned to awarded consultant(s) will have a separate proposal response format, provide by the City at the time of task requests.

1. Cover Letter – Introduction

Provide a summary of the statement and demonstrate the firms understanding of the tasks, including general approach for scope of services provided in this RFQ. Include an introduction to the firm as well as a contact person's name, phone number, email address, and mailing address.

2. Qualifications, Experience, References

Prepare a summary of your firm's qualification and experience in similar projects. Include the names of clients, duration, and description of past or current assignments. Also, include names and telephone numbers of contact persons of as many as three (3) clients for whom your firm provided similar services.

3. Technical Approaches and Scope of Work

Provide typical work plans for various tasks in the Scope of Services. State the interpretation of the types of work to be performed. State a positive commitment to perform the work in the required manner and time frame. Demonstrate an understanding of the services being requested.

4. Staffing and Subconsultants

List the individuals that will participate on this agreement, including their staff classification. Please include a brief resume of experience in similar projects for each individual and proof of various professional registration, licenses, and certificates. Subconsultant statements and resumes may be submitted as an attachment.

If, at the time of a Task Order request, the Consultant(s) wishes to use subconsultants not specified in their RFQ statement, prior written approval must be received from the City. The City may provide the approval after review of the proposal(s) required for a Task Order. Subconsultants may be used for work such as traffic reports or studies, traffic studies reviews, and other as-needed technical studies.

5. Fees

Provide a price statement for general services in a separate, sealed envelope including a price for each typical deliverable. The price statement should include a list of staff hourly rates and other additional costs in the event that work is required outside of the typical design items outlined in this RFQ. Once City staff has made initial selections, the price statement will be opened and used as a basis for final scope and fee negotiations. Should those negotiations be successful, all other price statements will be unopened and shredded.

G. Submittal of Statement

Submit two (2) signed hard copies and one electronic copy on a thumb drive of your entire statement in a sealed envelope labeled **"RFQ – As Needed, On-Call Services for COB"**. Label price statement as **"Price Statement for RFQ – As Needed, On-Call Services for COB"**. Submit statement to:

City of Bishop
377 West Line Street
Bishop, CA 93514
Attention: Michele Rhew, Public Works Secretary

Statements must be submitted, or postmarked, prior to **4:00 PM, Tuesday, March 12, 2023.**

If all required information is not provided, a statement may be considered nonresponsive and rejected without evaluations. Late submittals, submittals to the wrong location, or submittals with inadequate copies are considered nonresponsive and shall be rejected.

The City shall not, in any event, be liable for any pre-contractual expenses incurred by Consultant in the preparation of its statement. Consultant shall not include any such expenses as part of its statement. Pre-contractual expenses are defined as expenses incurred by the Consultant in:

- Preparing the statement in response to this RFQ;
- Submitting the statement to the City;
- Negotiating with City on any matter related to the statement; or
- Any other expenses incurred by the Consultant prior to date of award, if any, of the Contract.

Consultant statements and any contract entered into thereafter become the exclusive property of the City and shall be subject to the California Public Records Act (Government Code Section 6250 et seq.). The City's use and disclosure of its records are governed by this act. Those elements in each statement which Consultant(s) consider to be trade secrets, as that term is defined in Civil Code Section 3426.1(d), or otherwise exempt by law from disclosure, should be prominently marked as "TRADE SECRET", "CONFIDENTIAL", or "PROPRIETARY" by Consultant. The City will use its best efforts to inform Consultant of any request for disclosure of any such document. The City, shall not in any way, be liable or responsible for the disclosure of any such records including, without limitation; those so marked if disclosure is deemed to be required by law or by an order of the Court.

H. Information and Inquires

Should a Consultant require clarifications to this RFQ, the Consultant shall submit a request for information (RFI) notify City Staff listed below in writing. Should it be found that the point in question is not clearly and fully set forth in the RFQ; the City may issue a written addendum clarifying the matter. RFIs should be submitted no later than April 20, 2023 to allow adequate time for the City to respond.

Substantive changes to the requirements will be made by written addendum to this RFQ. Any written addenda issue pertaining to this RFQ shall be incorporated into the terms and conditions of any resulting Agreement. The City shall not be bound to any modifications to or deviations from the requirements set forth in this RFQ as the result of oral instruction.

For further information, please contact:

Anastasiia Budnyk
Assistant Planner
(760) 873-8458 x 136
abudnyk@cityofbishop.com

I. Top Ranked List and Protests

Each Consultant who submits a statement shall be notified in writing regarding the Consultant(s) who were selected as part of the top ranked list. Such notification shall be made within 10 days of the list approval date.

Consultants may file a “protest” of a statement with the City. In order for a Consultant’s protest to be considered valid, the protest must:

- Be received in writing within 5 calendar days after the top ranked list is published;
- Clearly identify the specific irregularity or accusation;
- Clearly identify the specific City staff determination or recommendation being protested;
- Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid. If the protest complies with each of these requirements, the Project Manager or other designated City staff member shall review the basis of the protest and all relevant information. A member of the City Staff will provide a written decision to the protestor. The protester may appeal the initial decision to Deston Dishion, City Administrator, by

filing a protest meeting and all five of the criteria listed above. This appeal must be received within 5 calendar days of the date of the initial City Staff written decision.

J. Sample Contract and Exceptions

The City of Bishop agreement for as needed, On-Call consulting services will be provided upon request. The firm should review the agreement and insurance requirements and indicate if there are any exceptions to the agreement requirements or language that requires further discussion or clarification. Noted exceptions may be considered in determining a proposer's responsiveness. The selected Consultant(s) shall be bound to accept all RFQ requirements and terms and conditions of the Form of Agreement not excepted in the statement.

K. Other Requirements

By submitting Qualifications, Consultant represents that it has thoroughly examined and become familiar with the work required under this RFQ and is capable of performing quality work to achieve the City's objectives.

All statements shall remain good for a minimum of 60 calendar days after the submission deadline or until final contract(s) are executed with the successful proposer(s), whichever occurs first.

By submitting Qualifications, Consultant warrants that any and all licenses and/or certifications required by law, statute, code or ordinance in performing under the scope of this RFQ are currently held by Consultant, and are valid and in full force and effect. All consultants for the City of Bishop must have or obtain a current business license from the City of Bishop.

Sincerely,

Deston Dishion
Planning Director
City of Bishop

EXHIBIT B

CONSULTANT'S STATEMENT OF QUALIFICAITIONS

TEAMENVIRONMENTAL.COM
760-872-1033
459 W. Line Street, Suite A
Bishop, CA 93514

STATEMENT OF QUALIFICATIONS FOR ENVIRONMENTAL SERVICES

AS NEEDED, ON-CALL ENVIRONMENTAL SERVICES

For City of Bishop, in response to
RFQ for As Needed, On-Call Environmental Services – February 2024

PREPARED FOR:
City of Bishop – Public Works
377 West Line Street
Bishop, CA 93514

March 12, 2024

TEAMENVIRONMENTAL.COM
760-872-1033
459 W. Line Street, Suite A
Bishop, CA 93514

March 12, 2024

City of Bishop
Attn: Michele Rhew
377 West Line Street
Bishop, CA 93514

RE: Request for Qualifications, As-Needed, On-Call Services for the City of Bishop

Dear Ms. Rhew,

We are please to provide the enclosed "Statement of Qualifications, As-Needed, On-Call Services for the City of Bishop" in response to the Request for Qualifications issued by the City of Bishop on February 12, 2024.

TEAM Environmental, Inc. is a local, woman-owned small business established in Bishop in 1987. We are a designated Disadvantaged Business Enterprise, Small Business Enterprise (Micro-business), and Woman-Owned Business Enterprise.

We have successfully completed several projects for the City of Bishop, Inyo County, and other local agencies and clients over the years, and have the qualifications and experience to conduct the range of services that the City of Bishop is requesting. I have the authority to bind TEAM Environmental into a Professional Services Contract, and our contact information is below:

TEAM Environmental, Inc.
459 West Line Street, Suite A
Bishop, CA 93514
760-872-1033

Thank you for your consideration of our local professional services during the evaluation of these submittals. We look forward to working with you.

Sincerely,

Naomi Jensen

Naomi Jensen
President
naomi@teamenvironmental.com

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QUALIFICATIONS

LOCAL KNOWLEDGE. STREAMLINED COMPLIANCE.

TEAM Environmental is proud to be a certified Women-Owned Business Enterprise (WBE), Small Business Enterprise (SBE), and Disadvantaged Business Enterprise (DBE). Our robust staff of environmental experts, which includes biologists, geologists, archaeologists, and hydrogeologists, is complimented by a broad network of strategic alliances and a flexible organization structure. These structures enable us to efficiently augment our clients' in-house resources and provide an expanded scope of services for complex assignments.

With deep roots in the Eastern Sierra and experience working effectively with local Native American Tribes, TEAM is focused on long-term, sustainable natural resource management. We pride ourselves on taking a proactive approach to environmental trends and regulatory permitting and have a proven track record for successfully navigating highly complex regulatory policies. This experience, alongside our advisor mentality and historical knowledge of the area, provides our clients with strategic insights for the long-term success of their projects.

INTRODUCTION

TEAM Environmental, Inc. was founded in 1987 in Bishop, California, and has served the Eastern Sierra region for over 36 years. TEAM is local, woman-owned small business with unsurpassed experience with environmental topics in the Eastern Sierra. A founding principle of TEAM was, and continues to be, to serve the local community with high-caliber professional environmental regulatory compliance expertise. Our primary office is located at 459 West Line Street in Bishop, California.

TEAM's professionals provide a range of environmental, technical, engineering, and management consulting specialties. Our projects have included biologic and cultural resource surveys, monitoring, and mitigation; CEQA and NEPA permitting; landfill monitoring and remediation; basin-wide ground and surface water hydrography; and soil and groundwater

contamination remediation projects. A majority of TEAM's projects have been located in the Eastern Sierra ranging from Topaz Lake to Tecopa. Our Eastern Sierra clients have found that TEAM's knowledge of local environmental and political issues and excellent working relationships with regulatory agencies has been a significant asset to them.

TEAM is pleased to provide the following "Statement of Qualifications for Environmental Services" (SOQ) in response to the City of Bishop's Request for Qualifications issued in February 2024.

Naomi Jensen, President of TEAM, will serve as the primary point of contact for this Proposal and Contract. Ms. Jensen is responsible for the organization and operation of TEAM. Her familiarity and experience coordinating with The City of Bishop, Inyo County, Mono County, Town of Mammoth Lakes, and other local, state and federal agencies involved in environmental permitting will enable TEAM to provide the City with efficient and responsive professional services.

The Project Team presented in this SOQ represents a team customized to meet the City of Bishop's needs as outlined in the current RFQ, for a variety of as-needed environmental review and permitting tasks, primarily in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA), as well as other environmental laws and regulations. TEAM's proposed Project Team is based on knowledge of regional environmental documentation and project resource categories that have the potential to be of particular importance on a local level, and our proven efficiency and effectiveness in environmental review and documentation.

COMPANY BACKGROUND

TEAM has served clients in Inyo and Mono Counties for more than 36 years. TEAM's professionals, the majority of whom are long-time residents of Inyo and Mono Counties, have a diversity of environmental, technical, engineering, and management consulting specialties. We have staff with in-depth knowledge of CEQA/NEPA, biology, cultural resources/archaeology, air quality, soil science, land use, and permitting, with demonstrated experience working on a variety of projects in Inyo County and the surrounding public lands. In over three decades of supporting local clients, TEAM has successfully submitted, on time, hundreds of reports, permit applications, and plans required by various regulatory agencies and clients.

TEAM has been responsible for or has participated in nearly 400 diverse projects for more than 160 clients, most of which have been in Mono and Inyo counties. TEAM was founded in 1987 and was incorporated in 1998, with a high level of financial stability and longevity for over 36 years. During this time of continuous operation in Inyo County, we have not been late on vendor or payroll payments. Our demonstrated financial responsibility has been maintained consistently through our robust project management approach and project progress and budget tracking capabilities. Our Project Team specific to this potential work with ICPWD has

been assembled with consideration to their proven track record in meeting project schedules and deadlines, and working within project budgets.

TEAM responds to our client's specific project needs by assembling an appropriate team of professionals who have knowledge and experience pertinent the current Request for Qualifications (RFQ) or specific Task Orders. The Project Team presented in this SOQ represents a team customized to meet the City of Bishop's needs for environmental permitting support over the next three years. TEAM's proposed Project Team is based on knowledge of regional environmental documentation and project resource categories that have the potential to be of particular importance on a federal, state and local level.

Our Project Team's approach to providing appropriate environmental analysis in the rural, high desert environment of the Eastern Sierra is based on TEAM's core values and objectives:

- Integrity
- Professionalism
- Responsiveness
- Quality
- Collaboration

TEAM is a focused, efficient organization, assembled from professionals who are all competent at managing projects. This creates a lean organizational structure allowing clients' needs to be immediately addressed by the appropriate professional without unnecessary layers of corporate structure. We assign appropriate professionals to tasks, and they initiate the actual project work.

TEAM has a reputation for providing high-caliber professional services and deliverables. That reputation has been earned and is maintained, in part, by dedicating knowledgeable and experienced professionals to tasks and, in part, through using a rigorous quality assurance/quality control (QA/QC) protocol. When appropriate, results of field surveys, research and draft documents are peer reviewed for accuracy, defensibility, and compliance with appropriate regulations. TEAM's reputation, familiarity with Eastern Sierra stakeholders, and local environmental, social, economic, political and regulatory knowledge has aided our clients in facilitating environmental compliance. TEAM's local presence, combined with our ability to respond quickly to City of Bishop requests, provides our Project Team with a key advantage. With key staff located in Bishop and Lone Pine, we can respond to field or meeting needs in Bishop within hours if necessary. Our depth of professional experience will prove to be a definite advantage to the City if we are selected to provide the proposed consulting services.

SERVICES

ENVIRONMENTAL IMPACT ANALYSIS

CUSTOMIZED ENVIRONMENTAL SURVEYS ACCURATELY ASSESS AND HELP AVOID POTENTIAL IMPACT

TEAM Environmental's multidisciplinary staff has the capabilities to conduct a broad range of environmental surveys, tailored to the needs of the project and the lead approval agency. We understand the requirements and procedures to comply with the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) in an effective and streamlined way, and our deep local knowledge of the Eastern Sierra region allows us to assess the biological, archaeological, and cultural resources potentially impacted by a proposed project. We work closely with public land managers, private landowners, local governments and regulatory agencies to ensure environmental compliance and to avoid and mitigate environmental impacts. We also provide environmental site assessments for commercial real estate, ranging from Phase I ESAs to Phase III corrective action of properties with soil or groundwater contamination.

- California Environmental Quality Act (CEQA) compliance
- National Environmental Protection Act (NEPA) compliance
- Biological surveys
- Archaeological/cultural resource surveys
- Technical studies
- Corrective action plans
- Environmental site assessments for commercial real estate
- GIS analysis and mapping

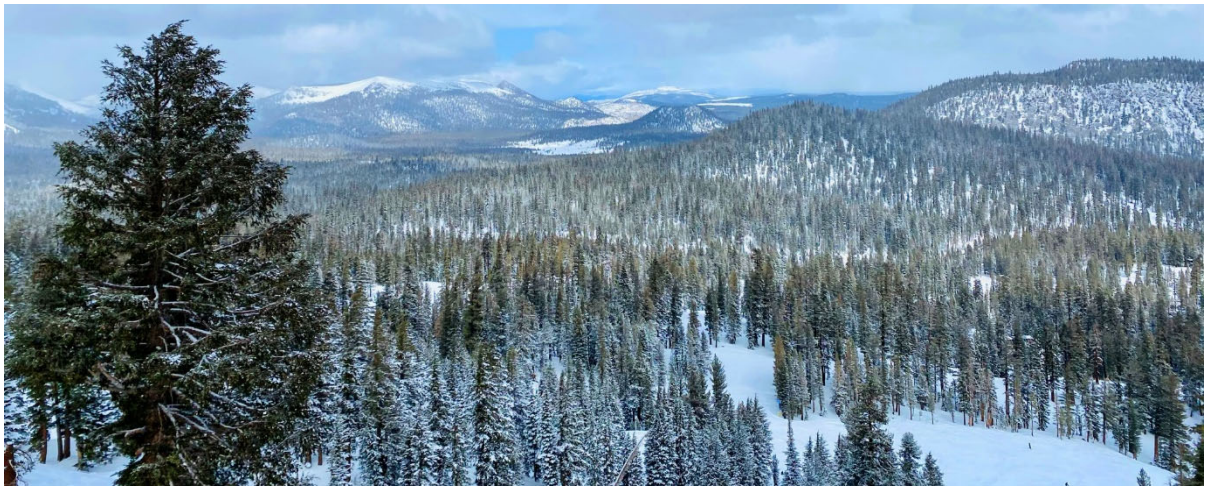
NATURAL RESOURCE MANAGEMENT

LOCAL KNOWLEDGE DRIVES SUSTAINABLE LAND USE PLANNING AND NATURAL RESOURCE MANAGEMENT

As longtime residents of Inyo County, we have a deep understanding for the natural resources and environment of the Eastern Sierra region. This local knowledge, coupled with our multidisciplinary staff that includes biologists and environmental scientists, allow us to provide a wide range of land use planning and natural resource management services. These range from wildlife surveys and sensitive habitat assessments, to invasive weed management and revegetation of disturbed sites using native plants and integrative restoration techniques, to wetland delineation and assessment of aquatic and avian species. We also provide pre-construction monitoring of sensitive resources and endangered species, and support for renewable energy development, ranchland and conservation easements, and sustainable land management.

- Land use planning
- Endangered and special status species surveys
- Wetland delineation
- Assessment of aquatic and avian species
- Botanical surveys
- Invasive weed management
- Wildlife surveys and habitat assessment
- Sensitive species or habitat mitigation planning
- Revegetation design, implementation and management

REGULATORY COMPLIANCE



CLOSE PARTNERSHIPS WITH LOCAL AUTHORITIES HELP STREAMLINE REGULATORY PERMITTING AND COMPLIANCE

Thanks to our extensive expertise and deep partnerships with local governments and business owners, TEAM Environmental helps streamline the process for obtaining and complying with permits required by the Regional Water Quality Control Board, State Water Resources Control Board, Army Corp of Engineers, California Department of Fish and Wildlife, Great Basin Unified Air Quality Control Board as well as local agencies such as Inyo and Mono County Environmental Health and Planning Departments. We also assist project proponents and reviewing agencies with Tribal consultation and compliance with the National and California Historic Preservation Acts. TEAM members have effectively worked with several Tribes in the Owens Valley on a broad range of issues and serve as trusted advisors regarding compliance with environmental regulations including natural, archaeological or cultural resources.

- Multi-agency regulatory permitting and collaboration
- Waste discharge requirements
- Air quality monitoring and permitting
- Streambed alteration permitting
- Wetland delineation
- Well and discharge permitting
- National and California Historic Preservation Act compliance
- Tribal consultation support

GEOLOGY & HYDROGEOLOGY

DEEP EXPERTISE AND ADVANCED TECHNOLOGY ENSURE COMPLIANCE IN COMPLEX GROUNDWATER INITIATIVES

At TEAM Environmental, we have decades of collective experience in groundwater monitoring in the Eastern Sierra region. With professional geologists and hydrogeologists on staff, our services include groundwater monitoring and reporting, well design and installation oversight, and subsurface characterization including soil, groundwater, and vadose zone testing. We also provide contaminated site cleanups and sustainable water resource planning. Using advanced technology to effectively collect and analyze water level and quality data throughout the area, we ensure compliance to complex groundwater monitoring and reporting programs that meet the regulatory needs of each projectCalifornia Environmental Quality Act (CEQA) compliance

- Soil and groundwater sampling and characterization
- Subsurface investigations and mapping
- Well design, permitting and installation oversight
- Well development, testing, and decommissioning
- Hydrologic mitigation and monitoring plans
- Sustainable groundwater planning
- Surface water diversion measurements
- Corrective action and closure plans

PROJECT EXPERIENCE

EXPERIENCE WITH SIMILAR PROJECTS

Of our many projects which are relevant to the City's RFQ, TEAM would like to highlight the following local projects which illustrate our expertise and qualifications related to biological and archaeological resource surveys and preparation of CEQA and NEPA documentation for projects in Inyo County. These projects include examples of work on CEQA permitting and compliance monitoring, agency coordination and permitting, and biology surveys. Our project examples are scalable to bigger or smaller projects, or, for example, would be applicable to linear settings such as transportation where a diversity of resources and opportunities could be encountered along project alignment. Expanded project descriptions and reference information are provided below for these key projects. Project contacts and references are provided for each project highlighted below.

BROWNSFIELD REDEVELOPMENT AND CEQA COMPLIANCE FOR WYE ROAD PARCEL

Client Best Development Group & BEC Environmental, Inc.

Location Hwy 6 and Wye Road, Bishop, Inyo County (Grocery Outlet and County Consolidated Building)

Services Environmental Impact Analysis
Geology & Hydrogeology
Regulatory Compliance

When local businessmen partnering with a development company wanted to subdivide a parcel of land in downtown Bishop for commercial use, they turned to TEAM for their local knowledge and professional expertise. With the goal of building office and retail space in a previously undeveloped area impacted by neighboring gas stations, the property owners engaged TEAM to obtain environmental clearance for the subdivision.

To do so, TEAM geologists conducted a Phase II Site Investigation. This included subsurface characterization and soil and groundwater testing, mandated by the Brownsfield Redevelopment Act for development of the parcel. Following these field activities, TEAM prepared a Report of Investigation which included a discussion of findings and recommendations. After Brownsfield Redevelopment approval was granted for the property, TEAM's biologists and archaeologists worked with Best Development Group, LLC and the City of Bishop to prepare an Initial Study supported by an Archaeological Survey and a Biological Resource Assessment pursuant to the California Environmental Quality Act (CEQA).

This work conducted by TEAM professionals allowed for successful construction of the Grocery Outlet, which opened in 2019, and the Inyo County Consolidated Office Building, which opened in 2021. TEAM's efficient, streamlined approach provided local expertise to successfully meet CEQA and NEPA regulatory requirements with no delays to the project. Successful development of this property has generated welcome revenue and efficient government services in an underutilized area of Bishop.

BIOLOGICAL ASSESSMENT AND WETLAND DELINEATION FOR SILVER PEAKS HOUSING PROJECT

Client Best Development Group & Bec Environmental, Inc.

Location Hwy 6 and Wye Road, Bishop, Inyo County (Grocery Outlet and County Consolidated Building)

Services Environmental Impact Analysis
Geology & Hydrogeology
Regulatory Compliance

In early 2021 TEAM was asked by Inyo Mono Advocates for Community Action (IMACA) and partner, Visionary Home Builders, to conduct an environmental site assessment for a 2.9- acre parcel of land in Bishop which is proposed for a multi-family, affordable housing development.

The objective was to identify and delineate any potential jurisdictional wetlands on the property in accordance with the Clean Water Act, and to provide a scoping level biological survey. The biological assessment was completed to meet California Environmental Quality Act (CEQA) documentation requirements, as requested by the City of Bishop to facilitate project implementation. The wetland delineation was conducted following the protocol established by the Army Corps of Engineers, to integrate previously established mitigation measures. This allowed the project to receive low-income housing funding and approval for construction.

Throughout the project, TEAM biologists and geologists worked closely with a multi-disciplinary group of entities, including the City of Bishop, the California Department of Fish and Wildlife, and IMACA. As a result of the successful collaboration, coupled with TEAM's expertise in environmental site assessment and knowledge of environmental regulations, the biological resources and reporting assessment was found sufficient to allow permitting of the development project to support a crucial community housing need.

INYO COUNTY LANDFILL MONITORING AND REPORTING

Client Inyo County

Location 6 Inyo Landfills, Bishop-Sunland, Independence, Lone Pine, Tecopa, Shoshone, Keeler

Services Geology & Hydrogeology
Regulatory Compliance

TEAM is currently in an ongoing, multi-year contract with Inyo County Recycling and Waste Management to provide monitoring and reporting services associated with six Inyo County landfills. As a prime contractor, TEAM serves as a trusted partner for Inyo County, helping to ensure compliance with environmental regulations across multiple agencies.

In addition to groundwater monitoring and reporting, TEAM's professional geologists, hydrogeologists, and environmental scientists conduct quarterly landfill gas monitoring at the sites; operate and monitor an active landfill gas collection and treatment system; and assist with a variety of other landfill monitoring and environmental compliance tasks. TEAM also serves as a key subcontractor for landfill engineering and permitting support in a separate, as-needed contract.

As part of the specialized professional team serving Inyo County, TEAM has helped coordinate this multi-faceted project at the local level. This has resulted in a robust understanding of the unique solid waste compliance challenges faced by rural counties such as Inyo and Mono Counties. TEAM's Bishop location enables them to respond quickly to evolving compliance needs, as well as to conduct on-site field work cost-effectively. Thanks to TEAM's deep expertise and collaborative approach, Inyo County has been able to continually provide solid waste services to its residents at a low cost and in compliance with State Regulations.

A new, as-needed task requested by Inyo County under this contract has been the scoping of an EIR for acquisition of the Inyo County Landfills from LADWP. A Notice of Intent, project description, and public scoping was initiated in 2022. After the project changed, TEAM updated the CEQA document and produced a Draft IS/MND that will be finalized in March 2024. For the CEQA support, TEAM brought in key subcontractor WSP Environmental.

STREAMBED ALTERATION PERMITTING WITH CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE

Client Inyo County Public Works

Location Inyo County Maintained Road System, Inyo County

Services Environmental Impact Analysis
Regulatory Compliance

Inyo County has a large network of approximately 1,100 miles of mostly rural roads that require ongoing maintenance. In 2017, TEAM was tapped to help develop a sustainable Routine Maintenance Agreement between Inyo County and the California Department of Fish and Wildlife (CDFW) under their Lake and Streambed Alteration Permitting (1600 Permit) Program.

To begin, TEAM prepared an Initial Study and Mitigated Negative Declaration (IS/MBD) for the project under the California Environmental Quality Act (CEQA). This involved mapping every intersection of county roads and streams using GIS technology in order to determine CDFW jurisdiction. To support the IS/MND, TEAM biologists, environmental scientists, and archaeologists conducted environmental impact analysis of routine road maintenance activities. This was used to identify any mitigation measures needed to comply with CDFW's environmental regulations and to establish a long-term agreement that would enable Inyo County to continue essential road maintenance services.

In 2020, in addition to supporting Inyo County Road Department with the CDFW Streambed Alteration Permitting, TEAM conducted an environmental analysis of a subset of Inyo County Road segments on Inyo National Forest Lands which were proposed for easements to allow continued road maintenance. TEAM conducted biological and archaeological resource surveys for the proposed roads, as required by the United States Forest Service under the National Environmental Policy Act (NEPA), as well as concurrently meeting CEQA requirements by Inyo County Planning Department. This work resulted in National Forest Road and Trails Act Easements for Two National Forest Road Segments which formalized Inyo County's authorization to perform maintenance along the road segments.

CARMA ASTRONOMY SITE RECLAMATION AND REVEGETATION PROJECT

Client California Institute of Technology, Owens Valley Radio Observatory

Location White Mountains, Inyo County (Inyo National Forest)

Services Natural Resource Management
Regulatory Compliance

This two-phase project began in 1998 when TEAM was called upon to help determine the most appropriate site to build and operate a high-altitude radiotelescope array called the Combined Array for Research in Millimeter-wave Astronomy (CARMA). Built in the White-Inyo Mountain Range under special use permit with the Inyo National Forest, CARMA consisted of 23 radiotelescopes and was supported by several university research departments.

In evaluating three high-altitude sites for the facility, TEAM biologists, geologists, archaeologists and environmental scientists assisted with California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance and helped determine the best location using natural resource surveys.

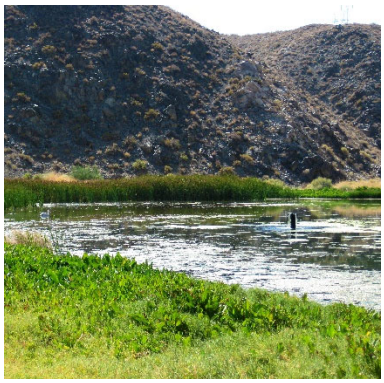
TEAM's work contributed to the successful construction and operation of the CARMA radiotelescope array in the White Mountains for over a decade. CARMA conducted cutting edge scientific research and provided unique learning opportunities for the next generation of instrumentalists and astronomers.

In 2015 the CARMA site lost its funding and again TEAM was called into action, this time to assist with the reclamation and revegetation of the nearby Cedar Flat area. To support the decommissioning, TEAM assisted with a variety of environmental activities, including permitting for relocation/storage of the telescopes with the Inyo County Planning Department, an initial hazardous material inspection and development of recommendations, construction of revegetation test plots and success criteria, and general management of mitigation and restoration activities.

Utilizing an adaptive management strategy for the revegetation plan ensured flexibility and allowed for efficient execution in a timely manner. As a result, the project was completed on

time and within expected budget. In 2021, the United States Forest Service determined that the site was successfully revegetated, which will release Caltech from their lease obligations and once again allow public access to the site.

HAY RANCH HYDROLOGIC MONITORING AND MITIGATION PLAN



Client Coso Operating Company

Location Rose Valley, Inyo County

Services Environmental Impact Analysis
Geology & Hydrogeology
Natural Resource Management

Since 2009, TEAM has been serving as the objective, third-party monitor for the ongoing Hay Ranch Conditional Use Permit Hydrologic Monitoring and Mitigation Plan (HMMP), regulated by Inyo County Water Department in compliance with the California Environmental Quality Act (CEQA) Environmental Impact Report. A key part of this assignment has been monitoring a groundwater basin's response to pumping at the property by the geothermal energy company, Coso Operating Company.

In order to increase the efficiency of the geothermal resource extraction, Coso engaged in the highly regulated activity of pumping water from one groundwater basin to another. To help Coso stay in compliance with the terms of the conditional use permit, TEAM hydrographers and environmental scientists helped establish the groundwater and surface water monitoring network and continue to provide ongoing monitoring and reporting for it. Establishment of the monitoring network included design and installation of surface water monitoring devices (flumes); monitoring well installation; equipping 24 monitoring points with dataloggers; and routine calibration and upkeep of monitoring equipment. Since requirements for water draw-down, pumping rates, and permitting conditions change over time, TEAM is responsible for modifying the monitoring plan as needed.

TEAM's reputation for professionalism and objectivity has enabled the project stakeholders – both proponents and opponents – to accept the credibility of the hydrologic data collected

for the Hay Ranch Project's HMMP. This project has consistently been managed under budget and in compliance with all regulatory conditions.

KEY STAFF

NAOMI JENSEN – PROJECT MANAGER

Naomi Jensen

President/CEO

Naomi Jensen serves as TEAM's President and Chief Executive Officer, responsible for client communication, business operation and financial management of the firm. Ms. Jensen serves as the managing director of TEAM Environmental, managing employees, subcontractors, and other resources to effectively serve a wide range of clients. She is also responsible for business development and communication with regulatory agencies, government entities, and a wide range of project stakeholders. Drawing on over 25 years of experience at TEAM as an environmental scientist and project manager, Naomi provided seamless transition of the business ownership in 2015 and allow TEAM to continue to serve its clients with the high level of professional and responsive service that they've received over the last 36 years.

Ms. Jensen originally joined TEAM in 1999, after earning a Bachelor of Science degree in Environmental Studies from UCSB. Naomi has over two decades of experience conducting field work and interfacing with local, state and federal agencies related to permitting and regulatory compliance. Naomi has experience in assisting clients with their groundwater, soil and gas monitoring programs as well as installation, operations and maintenance of various groundwater remediation systems.

Naomi has experience assisting clients with all aspects of project permitting and implementation, ranging from CEQA Initial Studies to Final Reclamation Plans. Naomi has participated in or managed surface water and groundwater studies involving the compilation of surface water data, research of water uses and water rights, monitoring of surface and groundwater levels, and technical report preparation. Naomi has successfully assisted clients with compliance with a variety of environmental permitting requirements, including Waste Discharge Requirements and Conditional Use Permits issued by the Regional Water Quality Control Board, Inyo and Mono Counties, California Department of Fish and Wildlife, and the Inyo National Forest.

Registrations & Certifications

- Registered Environmental Assessor I, CA Department of Substance Control (program discontinued)
- Certified Environmental Inspector, Environmental Assessment Association
- Certified Mold Assessor, Environmental Assessment Association

GREG FOOTE – LEAD BIOLOGIST

Gregory M. Foote

Senior Environmental Scientist / Biologist

Greg Foote has served in many roles in his 19 years with TEAM. He currently serves as TEAM's lead Biologist, Senior Environmental Scientist, Hydrographer and GIS expert, and is the Project Lead for several complex on-going projects. He manages mitigation and monitoring plans associated with a variety of projects, to ensure protection of sensitive and protected botanical resources, wildlife and water resources.

Mr. Foote has experience conducting and coordinating biological resource assessments intended to comply with the California Environmental Quality Act. Greg also has experience in coordinating with regulatory agencies and following agency and species monitoring protocols to ensure sensitive biological resources are managed and protected in compliance with applicable environmental regulations. Greg has also conducted wetland delineation services.

Mr. Foote has experience in assisting clients with their groundwater, soil and gas monitoring programs as well as installation, operations and maintenance of various groundwater remediation systems. Greg has participated in subsurface investigations and aquifer tests under a Professional Geologist, and has also assisted with the design and installation of surface water monitoring devices.

In addition to his field expertise Mr. Foote has worked on numerous Geographic Information Systems (GIS) projects and has managed several Microsoft Access multi-relational databases.

Prior to joining TEAM, Mr. Foote was employed by the California Department of Fish & Game where he worked on numerous projects related to Wildlife and Fisheries Biology.

Greg graduated from Bishop Union High School in 1993, and went on to earn a Bachelor of Science degree from the University of Nevada, Reno with a major in Biology (Ecology). After college he returned home to the Owens Valley, marrying and raising children here. He enjoys hiking, backpacking, camping and fishing with his family in the Eastern Sierra region.

Education

Bachelor of Science in Biology
University of Nevada Reno

MARY FARRELL – LEAD ARCHAEOLOGIST

Mary Farrell

Senior Archaeologist

Since 2016, Mary Farrell has served as senior archaeologist for TEAM Environmental, responsible for helping clients meet local, state, and federal requirements for cultural resources consideration and management.

Before joining TEAM, most of her career was with the U.S. Forest Service in California and Arizona, where she was responsible for archaeological surveys, National Register determinations of eligibility and nominations, historic preservation projects, and integrating cultural resource information into NEPA documents. She participated in and led interdisciplinary teams for environmental analysis and planning and developed and implemented preservation, restoration, and rehabilitation plans for historic properties. Mary also facilitated the Forest Service's Tribal consultation, and developed partnerships with volunteers, Tribal members, and Mexico's Instituto Nacional de Antropología e Historia and the Universidad de Sonora to conduct public archaeology and historic preservation projects, and to explore traditional perspectives on land use and stewardship.

Between her Forest Service and TEAM work, Mary worked as an independent cultural resources consultant for various clients, including the University of California Santa Barbara, Caltech, the Timbisha Tribe, the Big Pine Paiute Tribe of Owens Valley, the Coronado National Forest, the Japanese Cultural Center of Hawai'i, and Bauer Planning & Environmental Services, Inc. She taught four seasons of an archaeological field methods class for the University of Hawai'i, and has published numerous articles and book chapters about the power of archaeology to connect us with our shared past and illuminate the present.

Mary graduated with a degree in anthropology from the University of Virginia in 1976 and earned a Master of Arts in anthropology from the University of Arizona in 1990.

REGISTRATIONS & CERTIFICATIONS

Mary meets the Secretary of Interior Professional Qualification Standards for Archaeology and Historic Architecture.

PROFESSIONAL ORGANIZATIONS & AFFILIATIONS

- Society for American Archaeology
- Society for Historical Archaeology

JENNY RICHARDSON – SENIOR BIOLOGIST

Jenny Richardson

Senior Biologist / Environmental Planner

Jenny is the newest addition to the TEAM Environmental staff and brings with her nearly 20 years of experience in the natural resource sciences field. She earned her Bachelor of Science degree from Humboldt State University in Wildlife Conservation and Management with a minor in Botany and has lived in the Eastern Sierra since 2008. Locally, she has worked as a field biologist on research and environmental compliance projects as well as in an environmental planning capacity for the Town of Mammoth Lakes, California Department of Parks and Recreation (Tehachapi District), California Department of Fish and Wildlife (Inland Deserts Region) and California Department of Transportation (Bishop, CA).

While living in the Eastern Sierra, Jenny gained experience working with sensitive, threatened, and endangered wildlife and botanical species in the Mojave Desert, Great Basin, and Death Valley National Park (Kern, Inyo and Mono Counties). In addition to her expertise as a field biologist, she is highly skilled in project management, interpreting environmental laws and regulations, obtaining environmental permits, and writing technical documents.

Outside of work, Jenny is either teaching environmental education (and most recently art) to local school children, leading birding classes with 4H youth, exercising, travelling, or in her favorite room of the house- the kitchen- cooking and baking. There is always a family camping trip penciled in on the calendar for the near future with her husband and two kids.

Key Project Experience

Laws Railroad Museum Track Extension Project, Bishop, CA. January 2019 – August 2021

- Performed all biological field work to determine impacts to and permitting requirements for sensitive species and habitats (including protocol-level surveys for Swainson's hawk and Burrowing owl)
- Prepared all biological reports and ensured compliance with environmental laws and regulations
- Worked closely with environmental team, museum staff and volunteers through routine meetings
- Assisted with preparation of environmental documents

Associate Environmental Planner (Natural Sciences), CA Dept. of Transportation, Bishop, CA. December 2013 – November 2019

- Provided Project Development Team with environmental expertise on impacts to project cost, scope and schedule and collaborated on methods to streamline environmental processes
- Provided project cost estimates and risk assessments to Project Management
- Tracked deliverables and milestones for project delivery in coordination with management
- Obtained, negotiated terms (e.g., Nesting Bird Plans) and mitigation and ensured compliance on permits
- Managed permit compliance schedules (e.g., 1600 Streambed Alteration Agreements and 2081 Incidental Take Permits) and reporting requirements for projects
- Collaborated on Routine Maintenance Agreements and Programmatic Biological Opinions

Environmental Planner (Natural Sciences), CA Dept. of Transportation, Bishop, CA. May 2012 – December 2013

- Developed methods and techniques for determining environmental impacts on projects
- Prepared environmental documents and biological reports
- Prepared application packages and obtained permits (404 Army Corps of Engineers Nationwide Permits, 401 Lahontan Regional Water Quality Control Board Water Quality Certifications, and California Department of Fish and Wildlife 1600 Streambed Alteration Agreements)
- Coordinated with permit agencies and compliance with permit conditions
- Conducted field reviews of projects and protocol level species surveys
- Evaluated projects with respect to relevant biological laws and regulations for determining impacts to wetlands, endangered species, and other sensitive resources
- Collected field data using GPS and created biological resource maps using GIS programs
- Prepared mitigation planning and monitoring reports for 1600 Streambed Alteration Agreements

RICHARD SHORE – GEOLOGIST

Richard Shore

Professional Geologist

Richard Shore serves as TEAM's Professional Geologist and Chief Operating Officer for Geologic Services, responsible for the day-to-day geologic field operations and reporting. Mr. Shore currently serves as the Project Geologist in charge of TEAM's groundwater monitoring sites throughout the Owens Valley. Richard has a broad array of professional experience conducting site assessments and investigations, hazardous materials remediation, underground storage tank removal and monitoring, Phase I and Phase II site assessments, groundwater and soil investigations, and interfacing with local, state and federal agencies related to permitting and regulatory compliance. Richard has particular expertise out in the field assisting clients with their groundwater monitoring well installations, groundwater, soil and soil-gas sampling and monitoring programs, as well as the installation, operations and maintenance of various groundwater and soil-gas remediation systems. Richard joined TEAM in 2017 as a Staff Geologist and earned his California Professional Geologist License in 2020.

Prior to TEAM, Richard worked as a Field Geologist with AECOM, responsible for the implementation of a groundwater monitoring program and the operation and maintenance of soil-vapor remediation treatment system at an oil refinery site in Bakersfield, California. Prior to AECOM, Richard worked as an Engineering Geologist at Gold Coast Geoservices Inc. in Ventura, California, where he was responsible for the drafting of geologic maps and cross-sections, performing slope stability analysis using computer software, designing retaining walls and septic systems, and percolation and compaction testing. Richard's projects have spanned a wide range including retail gas stations, oil refineries, EPA Superfund sites, landfills, and background studies in remote wilderness areas.

Richard earned a Bachelor of Science degree from the University of California, Santa Barbara with a major in Geology with an emphasis on Engineering and Hydrology. After college he worked throughout the state of California with seasonal employment in Alaska, but eventually settled down in the Owens Valley. Richard is an enthusiastic rock climber and mountaineer and can be found exploring the high peaks and deep canyons of the Eastern Sierra during his time off.

REGISTRATIONS & CERTIFICATIONS

- California Professional Geologist #9783

40-Hour OSHA HAZWOPER Certification, 2009 to present

BAILEE TARBELL – ADMINISTRATIVE ASSISTANT

Bailee Tarbell

Administrative Assistant

Bailee is TEAM's receptionist and administrative assistant, responsible for office management, client communication, and general bookkeeping. She is the lead for contract management, preparation of invoices, accounts payable and receivable, as well as general administrative and human resource tasks. Bailee also assists with equipment management, restocking, and supporting the team.

Bailee joined TEAM in 2020 and has been instrumental to the company's continued operations in a safe and compliant manner during the pandemic shutdown. Prior to TEAM, Bailee worked for Dean's Plumbing in Bishop, where she was valued as a friendly customer service specialist handling a wide variety of service requests and customer accounts.

Although not originally from Bishop, Bailee spent summer vacations in Mammoth and always dreamed of living here. Outside of the office, Bailee enjoys time spent with her family, trying out new recipes, and ice skating in the backcountry.

TECHNICAL APPROACH AND SCOPING

GENERAL APPROACH TO CEQA/NEPA COMPLIANCE

The Project Team has been assembled to meet the needs of City of Bishop for NEPA and CEQA environmental documentation and archaeological and biological resource surveys, with proven support to City of Bishop Public Works staff. By providing local responsiveness coupled by expertise in the biology and cultural resources of the Bishop area, TEAM can provide CEQA and NEPA support from the initial planning phases through project completion and mitigation management.

With respect to NEPA permitting and related environmental services, TEAM's strength is our understanding of and proven working relationship with the federal, state and regional agencies involved in projects in Inyo County. TEAM has worked collaboratively with the USDA Forest Service (USFS) on several projects in the Eastern Sierra, including our current role assisting the California Institute of Technology fulfill the mitigation and site restoration measures, and decommission plans, established by the Combined Array for Research in Millimeter-wave Astronomy (CARMA) EIS/EIR for Cedar Flat, a project for which TEAM also provided support during the project scoping and permitting phase 13 years prior. TEAM has also interfaced with USFS to meet NEPA requirements on several projects in the Inyo National Forest, including development of project descriptions, evaluation of potential impacts, and preparation of associated NEPA documentation such as Categorical Exclusion, Finding of No Significant Impact, and other documentation in support of the Environmental Assessment process.

We have specific experience with applications of CEQA in the Bishop area, as well as applicable experience with similar types of projects with similar resources topics regionally across Inyo County and the Eastern Sierra. Through the CEQA process, TEAM can work to evaluate environmental impacts for various alternatives, provide innovative approaches to reduce and avoid impacts, and assist the County or USFS in developing creative project solutions and appropriate mitigation measures. In some cases, this can include stakeholder input in order to keep the project moving forward and secure agency concurrence on CEQA/NEPA analyses and preferred alternative(s). Part of our job is to treat each project as unique and approach it with an independent mindset. Our staff strive to stay abreast of best available science and apply these methods to each project in innovative ways where appropriate.

In addition to TEAM's proven local staff, key sub-consultant WSP has partnered with TEAM on numerous projects in Inyo County. Recently, the TEAM/WSP partnership has completed a CEQA analysis of Inyo County Maintained roads in order to assist the County with acquisition of a Routine Maintenance Agreement with the California Department of Fish and Wildlife (CDFW). The project team that will be assigned to this project, and any given assignment, has extensive experience in preparing CEQA/NEPA project documentation for a wide variety of development projects.

PREPARATION OF WORK PLANS AND BUDGETS

It is understood from the February 2024 RFQ, that the City of Bishop would like to pre-qualify one or more environmental consulting firms that can serve on an on-call, as-needed basis. Once a specific request is issued by the City, or a Task order issued, TEAM would work promptly and efficiently with City staff, to define the specific scope of work, staffing, schedule and associated task budget. TEAM has a long track record of providing high-quality deliverables, on-time and within agreed upon budgets.

Our local presence in Bishop, just steps away from the City offices, will allow us to work as an extension of City staff to identify, define and execute a variety of tasks such as those listed in the February RFQ. We have extensive experience developing and executing work plans for the following potential tasks:

- Biological Resource Surveys and Assessment
- Archaeological Survey, Historic Resources Evaluation
- CEQA Environmental Review and Documentation (ranging from a Categorical Exemption to EIR)
- NEPA Environmental Review and Documentation (ranging from Environmental Assessment to EIS)
- Wetland Delineation and Permitting
- Tribal and Agency Consultation
- Water Quality Assessment and Reporting
- Phase I and Phase II Environmental Site Assessment
- Public and Agency Meeting Support
- Natural Environment Study, Preliminary Environmental Study
- Mitigation and Monitoring Plans
- Revegetation Plans

SPECIALTY SUB-CONSULTANT(S)

To support TEAM's local services, when appropriate to the given task, TEAM proposes to sub-contract with specialty consultants from WSP Environment and Infrastructure Solutions (WSP, formerly Amec Foster Wheeler and Wood). WSP maintains 12 California offices supporting more than 500 employees, including environmental planning offices in Riverside, San Diego, and Santa Barbara, as well as Reno and Elko, Nevada and Tempe and Phoenix, Arizona. WSP maintains in-house expertise in environmental, land use, transportation, trail and infrastructure planning, biological and cultural resource surveys, air quality and greenhouse gas analysis, water resources, hazardous materials, geological and geo-technical investigation, and assistance with state and federal permits. WSP specializes in the preparation of California

Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA)-compliant documents for a wide range of local and state agencies. WSP's CEQA-NEPA Project Managers have prepared dozens of Environmental Impact Reports (EIRs) and Environmental Impact Statements (EISs), and hundreds of Environmental Assessments (EAs), Mitigated Negative Declarations (MNDs), and related documents. Their team has experience throughout California, including complex projects in high desert and rural environments.

Together, TEAM and WSP offer the responsiveness and efficiency of a small local consulting firm supported by the full suite of capabilities of a major environmental and engineering firm. Both TEAM and WSP have proven track records in meeting project schedules, deadlines and budgets. TEAM staff have supported Mono and Inyo Counties, and the Great Basin Unified Air Pollution Control District on CEQA and NEPA projects in the Eastern Sierra. WSP has experience throughout Southern and Central California, including high desert environments in Inyo and Mono counties.

Nicholas Meisinger, Environmental Planner for WSP, will be the Project Manager for WSP, reporting directly to TEAM for all efforts and deliverables for this project. Qualifications of key technical staff from WSP would be provided as part of a Work Plan or Proposal for a specific task that requires their expertise.

Mr. Meisinger is an environmental science professional with over 12 years of environmental planning experience serving a diverse range of clients, including Federal, state, and local government, academic institutions (e.g., University of California San Diego), and private developers. As an environmental science professional, Mr. Meisinger has extensive experience with a diverse range of environmental policies and regulations. He has taken a lead role in preparing NEPA and CEQA compliant planning documents, both as project manager as well as a lead technical analyst. Mr. Meisinger has managed or contributed to the preparation over 30 NEPA-compliant documents for a wide-variety of Federal agencies in support of capital improvement programs, management plans, and airspace establishment and modification. He has also contributed to the preparation of four Environmental Impact Statements (EIS), including serving as the Deputy Project Manager for a complex EIS support of the establishment and modification of military airspace over Oregon, Washington and Nevada. Mr. Meisinger has prepared over 25 CEQA-compliant documents including Categorical and Statutory Exemption Notices, Initial Studies and Mitigated Negative Declarations (IS/MNDs), Project-level EIRs, and Programmatic EIRs with high levels of public interest (e.g., City of Santa Monica Downtown Community Plan, Peery Park Specific Plan, etc.).

Primarily, TEAM would utilize sub-consultants when subject matter experts are appropriate and necessary for a given task. WSP would be used if a CEQA or NEPA project requires the completion of an EIR, EIS, or formal Biological Assessment. Subject to review and approval by the City, TEAM may also sub-contract with individuals or smaller firms for specialty tasks such as: Arborist Evaluation, Noise or Visual Impact Assessment, Traffic Studies, etc.

REFERENCES

In addition to the project and client references provided above, the following are key references that can be contacted to attest to our successful completion of assigned tasks according to project schedules and not-to-exceed budgets:

Fred Aubrey
Solid Waste Superintendent, Inyo County
1360 N. Main Street
Bishop, CA 93514
faubrey@inyocounty.us
760-873-7191

Ashley Helms
Inyo County Department of Public Works
168 North Edwards Street
Independence, CA 93526
ahelms@inyocounty.us
760-878-0200

Gregg Hallinan
Executive Director, Caltech Owens Valley Radio Observatory
1200 E. California Blvd.
Pasadena, CA 91125
gh@astro.caltech.edu
760-878-0001

Elaine Kabala
Executive Director, Eastern Sierra Council of Governments
PO Box 1609
Mammoth Lakes, CA 93546
Ekabala@escog.ca.gov
323-652-0390

Phill L. Kiddoo
Air Pollution Control Officer, Great Basin Unified Air Pollution Control District
pkiddoo@gbuapcd.org
760-872-8211

SUMMARY OF QUALIFICATIONS

In conclusion, TEAM has responded to the specific requests of the RFQ with attention to details as they relate a review under CEQA and NEPA, analyzing potential impacts created by potential projects undertaken by the City of Bishop. In addition to the information presented in direct response to the RFQ, we feel that TEAM is particularly well suited for this work due to the following:

1. Local expertise and knowledge of local resources, permitting, and CEQA/NEPA resource categories;
2. Experience working collaboratively with various regulatory agencies to determine appropriate levels of environmental surveys and review.
3. Local office and ability for responsiveness to client in a timely manner; and,
4. High-caliber staff with diverse skill set that apply to many of the facets and support services relevant to work associated with implementation of environmental surveys and preparation of associated CEQA/NEPA documents (beyond what is specified in the RFQ), including:
    - Project description support
    - Minimization and avoidance of project impacts through project design input
    - Biology construction support and contractor oversite
    - Implementation plans

TEAM has a strong understanding of tasks and skill set necessary to achieve success for this project. TEAM has provided our general understanding as well as approach to addressing this project, supported by project descriptions with a focus on CEQA/NEPA, permitting, archaeology and biology, as requested in the RFQ. Our many years of work with diverse clients and projects has provided numerous opportunities and successes with coordinating with State and Federal agencies for regulatory compliance and permitting. For projects that are subject to multi-agency review, such as CEQA and NEPA permitting, with their myriad of regulatory components, TEAM's collaborative approach and our communication skills are critical to timely and cost-effective project completion. This has provided an in-depth background and familiarity with agency procedures and how to assist in project adherence to each agency's unique requirements. By working collaboratively with agencies, and acknowledging their standard approaches, we find opportunities for increased agency buy-in which helps our clients move forward with projects in a more efficient manner.

The proposed Project Team has successfully completed many of projects which are relevant to the environmental consulting services requested in City of Bishop's RFQ. We have highlighted both our work in Inyo County, as well as projects regionally and beyond, in our project descriptions, key staff resumes and examples of similar projects with a similar scope to the current project. In presenting relevant project experience, we hope to demonstrate to ICPWD

our breadth of skills with projects similar to scope and/or range of resources that might be expected on the currently proposed project.

TEAM's high caliber staff have demonstrated technical ability within the requested areas of expertise for the RFQ. The Project Team presented herein has unsurpassed knowledge of the local environmental conditions of the Bishop area. TEAM has presented our experience in CEQA/NEPA, permitting, archaeology and biology. Our management approach to both simple and complex environmental projects, is to maintain a lean organizational structure with streamlined channels of communication with the client. Further, through our existing staff and professional affiliates, we have the capability to expand our team rapidly to include the best resources for a given task.

A founding principle of TEAM is to serve the local community with high-caliber professional environmental regulatory compliance expertise. Our organizational structure enables us to respond quickly to our clients' critical needs as has been demonstrated in many of the projects we have completed for local agencies and organizations. With our primary office in Bishop, we are located close to City of Bishop staff offices. In addition to our Project Team's knowledge of Bishop's specific conditions and issues, our core staff live, work, and recreate in the Eastern Sierra. We have provided documentation of our expertise through description of project examples, including key team members, as well as Project Team resumes.

TEAM has assisted clients in the entire project process, from project description, baseline conditions, through environmental analysis, permitting, approvals, and implementation. By participating in this comprehensive process, there is opportunity to assist clients with project description and conceptual design where innovative methods can be employed for resource category impacts that might be encountered, and to minimize and avoid potential project impacts through project design. This approach can streamline the approval process and reduce mitigative requirements for the client.

TEAM is a long-standing stable company, with over 36 years of continuous local operation. Our demonstrated financial responsibility has been maintained consistently through our robust project management approach and project progress and budget tracking capabilities.

The insight that our Project Team has gained from years of experience of working in the Bishop area and successfully completing numerous projects for an extensive and diverse Eastern Sierra client base will prove to be a valuable asset for the City. We are pleased to present our qualifications, experience and knowledge of local conditions through this SOQ, as they apply to the information provided in the RFP.

STATEMENT OF QUALIFICATIONS FOR AS-NEEDED ENVIRONMENTAL SERVICES TO THE CITY OF BISHOP

Prepared by:

Naomi Jensen
President/CEO
TEAM Environmental, Inc.

T 760-872-1033
M 760-937-0097

naomi@teamenvironmental.com

EXHIBIT C

PAYMENT RATES

TEAMENVIRONMENTAL.COM
760-872-1033
459 W. Line Street, Suite A
Bishop, CA 93514

SCHEDULE OF FEES AND CHARGES

CITY OF BISHOP – ON-CALL ENVIRONMENTAL CONSULTING SERVICES

Contract Term: June 1, 2024 to May 31, 2025

PROFESSIONAL FEES

Principal	$ 240.00 per hour
Project Manager	$ 192.00 per hour
Senior Hydrologist/Hydrogeologist	$ 170.00 per hour
Professional Geologist	$ 165.00 per hour
Senior Environmental Scientist	$ 155.00 per hour
Project Geologist	$ 140.00 per hour
Project Scientist / Biologist	$ 137.00 per hour
Senior Archaeologist	$ 132.00 per hour
Archaeologist/Historian	$ 126.00 per hour
Geographic Information Systems Specialist	$ 120.00 per hour
Staff Scientist / Construction Monitor	$ 115.00 per hour
Field Technician II	$ 98.00 per hour
Administrative Support	$ 85.00 per hour

EQUIPMENT RENTAL CHARGES

Water Quality Meter (Horiba)	$ 150.00 per day
Water Level Indicator (Solinst)	$ 35.00 per day
Groundwater Sampling Pump (Mega Monsoon or Geosub)	$ 175.00 per day
Dedicated Sample Tubing	$ 0.75 per foot
Air Quality Safety (CH4/CO) Meter (GX2012)	$ 60.00 per day
Field Vehicle Use 2WD/4WD	$ 105.00/$125.00 per day

EXPENSES

Sampling/Shipping Supplies	$ 45.00 per sampling event
Necessary Job-Related Expenses/Subcontractors	Cost plus 15 percent

NOTES

Above fees and charges are project-specific and are subject to annual revision unless prohibited by contract terms. Charges for services will be in accordance with TEAM's Schedule of Fees and Charges in effect at the time services are rendered. Overtime rates may apply for field events over 8 hours or for any night, holiday, or weekend work.

EXHIBIT D

INSURANCE REQUIREMENTS

Without limiting Consultant's indemnification of Agency, and prior to commencement of Work, Consultant shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to Agency.

General liability insurance. Consultant shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Consultant shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Consultant arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Professional liability (errors & omissions) insurance. Consultant shall maintain professional liability insurance that covers the Services to be performed in connection with this Agreement, in the minimum amount of $1,000,000 per claim and in the aggregate. Any policy inception date, continuity date, or retroactive date must be before the effective date of this Agreement and Consultant agrees to maintain continuous coverage through a period no less than three (3) years after completion of the services required by this Agreement.

Workers' compensation insurance. Consultant shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000).

Consultant shall submit to Agency, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of Agency, its officers, agents, employees and volunteers.

Umbrella or excess liability insurance. [Optional depending on limits required]. Consultant shall obtain and maintain an umbrella or excess liability insurance policy with limits that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond if any primary insurance that would otherwise have applied proves to be uncollectible in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Other provisions or requirements

Proof of insurance. Consultant shall provide certificates of insurance to Agency as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers’ compensation. Insurance certificates and endorsements must be approved by Agency’s Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with Agency at all times during the term of this contract. Agency reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by Consultant, his agents, representatives, employees or subconsultants.

Primary/noncontributing. Coverage provided by Consultant shall be primary and any insurance or self-insurance procured or maintained by Agency shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of Agency before the Agency’s own insurance or self-insurance shall be called upon to protect it as a named insured.

Agency’s rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, Agency has the right but not the duty to obtain the insurance it deems necessary and any premium paid by Agency will be promptly reimbursed by Consultant or Agency will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, Agency may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders’ Rating of A- (or higher) and Financial Size Category Class VI (or larger) in accordance with the latest edition of Best’s Key Rating Guide, unless otherwise approved by the Agency’s Risk Manager.

Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against Agency, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against Agency, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Consultant acknowledges and agrees that any actual or alleged failure on the part of the Agency to inform Consultant of non-compliance with any requirement imposes no additional obligations on the Agency nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Consultant maintains higher limits than the minimums shown above, the Agency requires and shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Agency.

Notice of cancellation. Consultant agrees to oblige its insurance agent or broker and insurers to provide to Agency with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that Agency and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to Agency and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer’s limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

Pass through clause. Consultant agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Consultant, provide the same minimum insurance coverage and endorsements required of Consultant. Consultant agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Consultant agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to Agency for review.

Agency's right to revise specifications. The Agency reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Consultant ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Consultant, the Agency and Consultant may renegotiate Consultant's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by Agency. Agency reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by Agency.

Timely notice of claims. Consultant shall give Agency prompt and timely notice of claims made or suits instituted that arise out of or result from Consultant's performance under this AGREEMENT, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. Consultant shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.

DRAFT *DRAFT*

CITY OF BISHOP
MONTHLY SALARY SCHEDULE
July 1, 2024 - June 30, 2025

ADMINISTRATION

Position	Step 1	Step 2	Step 3	Step 4	Fixed
City Administrator					$14,629
Assistant to the City Administrator (Not Filled)	$7,811	$8,592	$9,364		
City Clerk					$8,649
Personnel/Payroll & Benefits Specialist					$7,847
Executive Secretary/Assistant City Clerk (Not Filled)	$5,578	$6,138	$6,751	$7,426	

FINANCE DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Finance Director	$8,649	$9,514	$10,464		
Accounting Secretary/Budget Manager (Not Filled)	$5,579	$6,138	$6,751	$7,426	
Administrative / Accounting Assistant	$4,419	$4,863	$5,347	$5,884	

COMMUNITY SERVICES DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Community Services Director (Not Filled)					$11,622
Community Services Manager					$7,845
Community Services Administrative Assistant	$4,419	$4,863	$5,347	$5,884	
Parks Supervisor	$4,573	$5,032	$5,534	$6,514	
Recreation Supervisor (Not Filled)	$4,573	$5,032	$5,534	$6,514	
Parks Facilities Lead Worker	$4,155	$4,571	$5,027	$5,531	

FIRE DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Fire Chief					$11,622
Deputy Fire Chief (Not Filled)					$10,105
Assistant Fire Chief	$3,557	$3,912	$4,304	$4,734	
Fire Prevention Officer II (Not Filled)	$5,211	$5,734	$6,307	$6,940	
Fire Prevention Officer I	$4,573	$5,032	$5,534	$6,087	
Administrative Assistant	$4,419	$4,863	$5,347	$5,884	

POLICE DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Chief					$13,520
Lieutenant					$10,105
Sergeant (salary increase, includes 4% COLA)	**$7,583**	**$8,341**	**$9,175**		
Corporal (New)	**$6,759**	**$7,435**	**$8,178**		
Police Officer	$6,202	$6,891	$7,659		
Police Officer in Training	$4,685	$5,152	$5,669		
Community Services Officer	$4,419	$4,863	$5,347		
Police Records Clerk	$4,419	$4,863	$5,347	$5,884	
Police Services Technician	$4,471	$4,918	$5,410	$5,951	
Senior Communications Operator	$5,152	$5,668	$6,235	$6,858	
Communications Operator	$4,258	$4,685	$5,152	$5,669	

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CITY OF BISHOP
MONTHLY SALARY SCHEDULE
July 1, 2024 - June 30, 2025

DRAFT

PUBLIC WORKS DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Public Works Director					$12,662
Public Works Superintendent (Not Filled)					$9,926
Public Services Officer (Not Filled)	$5,896	$6,485	$7,132	$7,846	
Public Works Supervisor	$5,896	$6,485	$7,132	$7,846	
Lead Maintenance Worker	$5,211	$5,734	$6,307	$6,940	
Maintenance Worker	$4,573	$5,032	$5,534	$6,087	
Public Works Secretary	$4,419	$4,863	$5,347	$5,884	

PLANNING DEPARTMENT

Position	Step 1	Step 2	Step 3	Step 4	Fixed
Senior Planner (Not Filled)					$7,687
Assistant Planner	$5,211	$5,734	$6,307	$6,940	

Cost of Living Adjustments for Miscellaneous, Mid-Management, Management, and Bishop Police Officers Association contracts for Fiscal Years as follows: 2024/2025 - 4%

For all Step Classifications -Step Increases occur annually with one year in between each step based on successful employee evaluations.

Approved by Council on:

CITY OF BISHOP
PART-TIME EMPLOYEES WAGE SCALE

JULY 1, 2023 - JUNE 30, 2024

ADMINISTRATION / FINANCE DEPARTMENT

Position	Step	Hourly	Step Adjustments
Office Assistant	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.

FIRE DEPARTMENT

Position	Step	Hourly	Monthly	Statutory
Mechanic	NO STEPS	$37	Not Applicable	
Telecommunications (Radio) Technician	NO STEPS	$37	Not Applicable	
Fire Inspector	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.	
Volunteer Firefighters	NO STEPS			Per call: $20.00
Volunteer Emergency Medical Technician	NO STEPS			Per call: $20.00
Office Assistant	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.	

COMMUNITY SERVICES DEPARTMENT

Position	Step	Hourly	Step Adjustments
Office Assistant	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Recreation Coordinator	I II III	$26 $27 $28	Step increases occur annually with one year in between each step based on successful employee evaluations.
Facility Maintenance Worker	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Custodian/Facility Maintenance Worker	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Park Helper	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Aquatics Coordinator	I II III	$26 $27 $28	Step increases occur annually with one year in between each step based on successful employee evaluations.
Assistant Aquatics Coordinator	I II III	$23 $24 $25	Step increases occur annually with one year in between each step based on successful employee evaluations.
Pool Manager (Senior Guard)	I II	$20 $21	Step increases will be considered for each additional season worked.
Lifeguard	I II	$18 $19	Step increases will be considered for each additional season worked.

CITY OF BISHOP
PART-TIME EMPLOYEES WAGE SCALE

JULY 1, 2023 - JUNE 30, 2024

COMMUNITY SERVICES (continued)

Athletic Coordinator	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Sports Official	NO STEPS	$31.00 per game	Not Applicable
Assistant Sports Official	NO STEPS	$18.00 per game	Not Applicable
Instructor	NO STEPS	$27	Not Applicable
Activity Leader	NO STEPS	$18	Not Applicable
Program Leader	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Program Site Coordinator	I II III	$23 $24 $25	Step increases occur annually with one year in between each step based on successful employee evaluations.

POLICE DEPARTMENT

Position	Step	Hourly	Step Adjustments
Office Assistant	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Parking Enforcement Officer	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Reserve	Level II Level I	$22 $37	
Reserve Specialist	NO STEPS	$22	Not Applicable
Relief Communications Operator	I II III	$31 $32 $33	Step increases occur annually with one year in between each step based on successful employee evaluations.
Police Cadet	I	$18	Not Applicable
Facility Maintenance Worker	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Facility Maintenance Worker II	NO STEPS	$23	Not Applicable
Crossing Guard	NO STEPS	$18	Not Applicable

PLANNING DEPARTMENT

Position	Step	Hourly	Step Adjustments
Associate Planner / Economic Development Coordinator	I II III	$44 $45 $46	Step increases occur annually with one year in between each step based on successful employee evaluations.
Office Assistant	I II III	$21 $22 $23	Step increases occur annually with one year in between each step based on successful employee evaluations.

CITY OF BISHOP

PART-TIME EMPLOYEES WAGE SCALE

JULY 1, 2023 - JUNE 30, 2024

PUBLIC WORKS DEPARTMENT

Position	Step	Hourly	Step Adjustments
Office Assistant	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Drafter	I II III	$43 $44 $45	Step increases occur annually with one year in between each step based on successful employee evaluations.
Engineer	NO STEPS	$63	Not Applicable
Assistant Engineer	NO STEPS	$53	Not Applicable
Maintenance Worker	I II III	$20 $21 $22	Step increases occur annually with one year in between each step based on successful employee evaluations.
Public Works Intern	NO STEPS	$19	Not Applicable

Position	Hourly
Retired Annuitant	A retired annuitant may work during an emergency to prevent stoppage of public business or because the annuitant has specialized skills needed in performing work of limited duration. The wage will be the hourly rate at time of retirement but not less than the minimum nor exceed that paid to other employees performing comparable duties.

Approved by Council on: August 28, 2023

CITY OF BISHOP
ELECTED OFFICIALS

MONTHLY SALARY SCHEDULE
July 1, 2024 – June 30, 2025

Position	Fixed
City Council	$550
City Treasurer	$150

Pursuant to Ordinance No. 547 approved by Council on 07/28/2014 – Starting December 1, 2014 the City Council Monthly Salary was changed from $300/month to $550/month.

Approved by Council on:

Agenda Item: 10.A
Date of Meeting: May 28, 2024
Department: Community Services

STAFF REPORT

To: City Council

From: Dan McElroy

Subject: **Request to Waive Pool Fees for July 4,2024.**

Prepared On: May 20, 2024

Background/History:
The 4th of July Big Day in the Park celebration has historically been accompanied with a public free swim day at the City Park pool. The event has typically been well attended by our community members and visitors.

Analysis/Discussion:
The request has only been made for the 4th of July event each year. It shows appreciation to our community as we come together to celebrate.

Economic Impacts:
Hosting the 4th of July Big Day in the Park allows visitors and community members to frequent local businesses as the Bishop City Park is centrally located.

Budget Impacts:
There are minimal budget impacts as the financial expense will be to cover staff costs.

Legal Review:
City Attorney Pucci has reviewed this item and finds that the recommended action complies with the law.

Recommended Action:
Council consideration to approve waiving pool fees for the City of Bishop Big Day in the Park, July 4th, 2024.

Approved By: Deston Dishion 5/20/2024
Approved By:
Approved By:
Approved By:

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CITY OF BISHOP
DESIGN PROFESSIONAL SERVICE AGREEMENT FOR
AS NEEDED, ON-CALL ENVIRONMENTAL CONSULTING SERVICES

THIS AGREEMENT, is made and effective June 1, 2024, between the City of Bishop, a municipal corporation ("Agency"), and **Panorama Environmental, Inc.** (“Consultant”). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

1. TERM

This Agreement shall commence on **June 1st 2024** and shall remain and continue in effect for three (3) years. The Agreement may be extended for one (1) year at a time, after the initial three (3) years, with a maximum Agreement term of five (5) years after commencement date, unless sooner terminated pursuant to the provisions of this Agreement.

2. SERVICES

General Scope of Services. Consultant promises and agrees to furnish to Agency all labor, materials, tools, equipment, services, and incidental and customary work necessary to fully and adequately supply the environmental consulting services necessary for the Project (“Services”). The Services are generally described in Exhibit “A”, Agency’s Request for Qualifications and Exhibit “B”, Consultant’s Statement of Qualifications, attached hereto and incorporated herein by reference, and which are stated in the proposal to Agency. The Services shall be more particularly described in the individual Task Order issued by Agency. No services shall be performed unless authorized by a fully executed Task Order. All Services shall be subject to, and performed in accordance with, this Agreement, the exhibits attached hereto and incorporated herein by reference, and all applicable local, state and federal laws, rules and regulations.

3. PERFORMANCE

Consultant shall at all times perform all tasks described herein in accordance with generally accepted standards and practices utilized by persons engaged in providing similar services as are required of Consultant hereunder in meeting its obligations under this Agreement.

4. AGENCY MANAGEMENT

The City Administrator shall represent Agency in all matters pertaining to the administration of this Agreement, review and approval of all products submitted

by Consultant, but not including the authority to enlarge the Tasks to Be Performed or change the compensation due to Consultant. Agency's Manager shall be authorized to act on Agency's behalf and to execute all necessary documents which enlarge the Tasks to Be Performed or change Consultant's compensation, subject to Section 5 hereof.

5. PAYMENT

(a) Consultant shall receive compensation, including authorized reimbursements, for all Services rendered under this Agreement at the rates set forth in Exhibit "C" attached hereto and incorporated herein by reference. The maximum compensation for Services to be provided pursuant to each Task Order shall be set forth in the relevant Task Order. Extra Work may be authorized, as described below, and if authorized, will be compensated at the rates and manner set forth in this Agreement.

(b) Consultant shall not be compensated for any services rendered in connection with its performance of this Agreement which are in addition to those set forth herein, unless such additional services are authorized in advance and in writing by the City Administrator. Consultant shall be compensated for any additional services in the amounts and in the manner as agreed to by the City Administrator and Consultant at the time Agency's written authorization is given to Consultant for the performance of said services. the City Administrator may approve additional work not to exceed ten percent (10%) of the amount of an individual Task Order, but in no event shall such sum exceed ten-thousand dollars ($10,000.00). Any additional work in excess of this amount shall be approved by the Governing Board.

(c) Consultant will submit invoices monthly for actual services performed. Invoices shall be submitted on or about the first business day of each month, or as soon thereafter as practical, for services provided in the previous month. Payment shall be made within thirty (30) days of receipt of each invoice as to all non-disputed fees. If Agency disputes any of Consultant's fees it shall give written notice to Consultant within thirty (30) days of receipt of an invoice of any disputed fees set forth on the invoice.

6. SUSPENSION OR TERMINATION OF AGREEMENT WITHOUT CAUSE

(a) Agency may at any time, for any reason, with or without cause, suspend or terminate this Agreement, or any portion hereof, by serving upon the consultant at least ten (10) days prior written notice. Upon receipt of said notice, the Consultant shall immediately cease all work under this Agreement, unless the notice provides otherwise. If Agency suspends or terminates a portion of this Agreement such suspension or termination shall not make void or invalidate the remainder of this Agreement.

(b) In the event this Agreement is terminated pursuant to this Section, Agency shall pay to Consultant the actual value of the work performed up to the time of termination, provided that the work performed is of value to Agency. Upon termination of the Agreement pursuant to this Section, the Consultant will submit an invoice to Agency pursuant to Section 3.

7. DEFAULT OF CONSULTANT

(a) The Consultant's failure to comply with the provisions of this Agreement shall constitute a default. In the event that Consultant is in default for cause under the terms of this Agreement, Agency shall have no obligation or duty to continue compensating Consultant for any work performed after the date of default[TT1], for any work related to the default that has not, or cannot be used by the Agency. The Agency can terminate this Agreement immediately by written notice to the Consultant. If such failure by the Consultant to make progress in the performance of work hereunder arises out of causes beyond the Consultant's control, and without fault or negligence of the Consultant, it shall not be considered a default.

(b) If the City Administrator or his/her delegate determines that the Consultant is in default in the performance of any of the terms or conditions of this Agreement, he/she shall cause to be served upon the Consultant a written notice of the default. The Consultant shall have ten (10) days after service upon it of said notice in which to cure the default by rendering a satisfactory performance. In the event that the Consultant fails to cure its default within such period of time, or, if the nature of the cure is such that more than ten (10) days will be required to effect the cure, and Consultant has not commenced the cure within said ten (10) days, then the Agency shall have the right, notwithstanding any other provision of this Agreement, to terminate this Agreement without further notice and without prejudice to any other remedy to which it may be entitled at law, in equity or under this Agreement.

8. OWNERSHIP OF DOCUMENTS

(a) Consultant shall maintain complete and accurate records with respect to sales, costs, expenses, receipts, and other such information required by Agency that relate to the performance of services under this Agreement. Consultant shall maintain adequate records of services provided in sufficient detail to permit an evaluation of services. All such records shall be maintained in accordance with generally accepted accounting principles and best professional practices and shall be clearly identified and readily accessible. Consultant shall provide free access to the representatives of the Agency or its designees at reasonable times to such books and records; shall give Agency the right to examine and audit said books and records; shall permit the Agency to make transcripts therefrom as necessary; and shall allow inspection of all work, data, documents, proceedings,

and activities related to this Agreement. Such records, together with supporting documents, shall be maintained for a period of three (3) years after receipt of final payment.

(b) Upon completion of, or in the event of termination or suspension of this Agreement, and upon payment of Consultant's invoices, all original documents, designs, drawings, maps, models, computer files, surveys, notes, and other documents prepared in the course of providing the services to be performed pursuant to this Agreement shall become the sole property of the Agency and may be used, reused, or otherwise disposed of by the Agency without the permission of the Consultant. Any re-use, or modification of Consultant's instruments of service without the Consultants participation shall be at the Agency's sole risk and Agency agrees to indemnify the Consultant from any claims arising out of the re-use or modification. With respect to computer files, Consultant shall make available to the Agency, at the Consultant's office and upon reasonable written request by the Agency, the necessary computer software and hardware for purposes of accessing, compiling, transferring, and printing computer files.

9. INDEMNITY AND DEFENSE

(a) Indemnification for Professional Services

To the fullest extent permitted by law, Consultant shall indemnify and hold harmless Agency and any and all of its officials, and employees ("Indemnified Parties") from and against any and all losses, liabilities, damages, costs and expenses, including reasonable attorney's fees and costs, to the extent they arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of the Consultant. Consultant's duty to indemnify shall include reimbursement of reasonable defense costs incurred by Agency in direct proportion to the Consultant's proportionate percentage of fault. Consultant's percentage of fault shall be determined, as applicable, by a court of law, jury or arbitrator. In the event any loss, liability or damage is incurred by way of settlement or resolution without a court, jury or arbitrator having made a determination of the Consultant's percentage of fault, and if the parties cannot mutually agree on the percentage, the parties agree to mediation with a third party neutral to determine the Consultant's proportionate percentage of fault for purposes of determining the amount of indemnity and defense cost reimbursement owed to the Agency.

(b) For All Other Liabilities

Notwithstanding the foregoing and without diminishing any rights of Agency under Section 9.A, for any liability, claim, demand, allegation against Agency arising out of, related to, or pertaining to any act of

negligence or willful misconduct, or omission of Consultant, but which is not a design professional service, Consultant shall indemnify, and hold harmless Agency, its officials, employees, and agents ("Indemnified Parties") from and against any and all damages, costs, expenses (including reasonable attorney fees and expert witness fees), judgments, settlements, and/or arbitration awards, whether for personal or bodily injury, property damage, or economic injury, and arising out of, related to, any concurrent or contributory negligence on the part of the Agency, except for the sole or active negligence of, or willful misconduct of the Agency.

10. INSURANCE

Consultant shall maintain prior to the beginning of and for the duration of this Agreement insurance coverage as specified in Exhibit "D" attached to and part of this Agreement.

11. INDEPENDENT CONSULTANT

(a) Consultant is and shall at all times remain as to the Agency a wholly independent Consultant. The personnel performing the services under this Agreement on behalf of Consultant shall at all times be under Consultant's exclusive direction and control. Neither Agency nor any of its officers, employees, or agents shall have control over the conduct of Consultant or any of Consultant's officers, employees, or agents, except as set forth in this Agreement. Consultant shall not at any time or in any manner represent that it or any of its officers, employees, or agents are in any manner officers, employees, or agents of the Agency. Consultant shall not incur or have the power to incur any debt, obligation, or liability whatever against Agency, or bind Agency in any manner.

(b) No employee benefits shall be available to Consultant in connection with the performance of this Agreement. Except for the fees paid to Consultant as provided in the Agreement, Agency shall not pay salaries, wages, or other compensation to Consultant for performing services hereunder for Agency. Agency shall not be liable for compensation or indemnification to Consultant for injury or sickness arising out of performing services hereunder.

12. LEGAL RESPONSIBILITIES

The Consultant shall keep itself informed of State and Federal laws and regulations which in any manner affect those employed by it or in any way affect the performance of its service pursuant to this Agreement. The Consultant shall at all times observe and comply with all such laws and regulations. The Agency,

and its officers and employees, shall not be liable at law or in equity occasioned by failure of the Consultant to comply with this Section.

13. UNDUE INFLUENCE

Consultant declares and warrants that no undue influence or pressure is used against or in concert with any officer or employee of the Agency in connection with the award, terms or implementation of this Agreement, including any method of coercion, confidential financial arrangement, or financial inducement. No officer or employee of the Agency will receive compensation, directly or indirectly, from Consultant, or from any officer, employee or agent of Consultant, in connection with the award of this Agreement or any work to be conducted as a result of this Agreement. Violation of this Section shall be a material breach of this Agreement entitling the City to any and all remedies at law or in equity.

14. NO BENEFIT TO ARISE TO LOCAL EMPLOYEES

No member, officer, or employee of Agency, or their designees or agents, and no public official who exercises authority over or responsibilities with respect to the Project during his/her tenure or for one year thereafter, shall have any interest, direct or indirect, in any agreement or sub-agreement, or the proceeds thereof, for work to be performed in connection with the Project performed under this Agreement.

15. RELEASE OF INFORMATION/CONFLICTS OF INTEREST

(a) All information gained by Consultant in performance of this Agreement shall be considered confidential and shall not be released by Consultant without Agency's prior written authorization. Consultant, its officers, employees, agents, or subconsultants, shall not without written authorization from the City Administrator or unless requested by the Agency Attorney, voluntarily provide declarations, letters of support, testimony at depositions, response to interrogatories, or other information concerning the work performed under this Agreement or relating to any project or property located within the Agency. Response to a subpoena or court order shall not be considered "voluntary" provided Consultant gives Agency notice of such court order or subpoena.

(b) Consultant shall promptly notify Agency should Consultant, its officers, employees, agents, or subconsultants be served with any summons, complaint, subpoena, notice of deposition, request for documents, interrogatories, request for admissions, or other discovery request, court order, or subpoena from any person or party regarding this Agreement and the work performed thereunder or with respect to any project or property located within the Agency. Agency retains the right, but has no obligation, to represent Consultant and/or be present at any

deposition, hearing, or similar proceeding. Consultant agrees to cooperate fully with Agency and to provide the opportunity to review any response to discovery requests provided by Consultant. However, Agency's right to review any such response does not imply or mean the right by Agency to control, direct, or rewrite said response.

16. NOTICES

Any notices which either party may desire to give to the other party under this Agreement must be in writing and may be given either by (i) personal service, (ii) delivery by a reputable document delivery service, such as but not limited to, Federal Express, which provides a receipt showing date and time of delivery, or (iii) mailing in the United States Mail, certified mail, postage prepaid, return receipt requested, addressed to the address of the party as set forth below or at any other address as that party may later designate by notice:

To Agency:	City of Bishop P.O. Box 1236 Bishop, CA 93514 Attention: Agency Clerk
To Consultant:	Panorama Environmental, Inc. 717 Market Street, Suite 400 San Francisco, CA 94103 Attention: Tania Treis, President

17. ASSIGNMENT

Consultant has represented to Agency that certain key personnel will perform and coordinate the Services under this Agreement. Should one or more of such personnel become unavailable, Consultant may substitute other personnel of at least equal competence upon written approval of Agency. In the event that AGENCY and Consultant cannot agree as to the substitution of key personnel, AGENCY shall be entitled to terminate this Agreement for cause. As discussed below, any personnel who fail or refuse to perform the Services in a manner acceptable to AGENCY, or who are determined by the AGENCY to be uncooperative, incompetent, a threat to the adequate or timely completion of the Project, or a threat to the safety of persons or property, shall be promptly removed from the Project by the Consultant at the request of the AGENCY. The key personnel for performance of this Agreement are as follows:

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Panorama

Susanne Heim, Principal

Rita Wilke, Senior Manager I

Jessica Koteen, Senior Manager I

Rachel Durben, Environmental Scientist II

Elizabeth McCullough, Environmental Analyst II

Caitlin Gilleran, Senior Project Manager I

Russell Kokx, Environmental Scientist II

Caitlin Jensen, Cartographer/GIS Manager

Breya Jasper, Contract Manager

Maria Yat, Administration/Document Production

Lacar Musgrove, Technical Editor II

Kleinfelder

Joseph Zilles, Senior Principal Professional

Jennifer-Lynn Kellerman, Staff Professional II

Constance Ganong, Senior Principal Professional

Nicole Carpenter, Staff Professional II

Darryl Berberi-Hill, Project Professional

Jordan Annand, Staff Professional II

Lisa Achter, Principal Professional

Erin Abendroth, Professional

ASM

Peter Carey, MA, RPA, Principal/Project Manager II

Shannon Davis, RPH, Principal/Project Manager II

Robert Azpitarte, Associate Archaeologist III

K. Ross Way, Associate Archaeologist III

Maria Silva, Assistant Archaeologist III

Margarita Medina Lemus, Assistant Archaeologist III

18. LICENSES

At all times during the term of this Agreement, Consultant shall have in full force and effect, all licenses required of it by law for the performance of the services described in this Agreement.

19. GOVERNING LAW

The Agency and Consultant understand and agree that the laws of the State of California shall govern the rights, obligations, duties, and liabilities of the parties to this Agreement and also govern the interpretation of this Agreement. Any litigation concerning this Agreement shall take place in the municipal, superior, or federal district court with jurisdiction over the Agency.

20. ENTIRE AGREEMENT

This Agreement contains the entire understanding between the parties relating to the obligations of the parties described in this Agreement. All prior or contemporaneous agreements, understandings, representations, and statements, oral or written, are merged into this Agreement and shall be of no further force or effect. Each party is entering into this Agreement based solely upon the representations set forth herein and upon each party's own independent investigation of any and all facts such party deems material.

21. CONTENTS OF REQUEST FOR PROPOSAL AND PROPOSAL

Consultant is bound by the contents of the Agency's Request for Qualifications, Exhibit "A" hereto and incorporated herein by this reference, and the contents of the Statement of Qualifications submitted by the Consultant, Exhibit "B" hereto. In the event of conflict, the requirements of Agency's Request for Qualifications and this Agreement shall take precedence over those contained in the Consultant's proposals.

22. AUTHORITY TO EXECUTE THIS AGREEMENT

The person or persons executing this Agreement on behalf of Consultant warrants and represents that he/she has the authority to execute this Agreement on behalf of the Consultant and has the authority to bind Consultant to the performance of its obligations hereunder.

23. LIMITATION OF LIABILITY; WAIVER OF CONSEQUENTIAL DAMAGES

The total amount of all claims the Agency may have against the Consultant under this Agreement or arising from the performance or non-performance of the Services under any theory of law, including but not limited to claims for negligence, negligent misrepresentation and breach of contract, shall be strictly limited to the lesser of the fees or $100,000. As the Agency's sole and exclusive remedy under this Agreement any claim, demand or suit shall be directed and/or asserted only against the Consultant and not against any of the Consultant's employees, officers or directors.

Neither the Agency nor the Consultant shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected to this Agreement or the performance of the services on this Project. This mutual waiver includes, but is not limited to, damages related to loss of use, loss of profits, loss of income, loss of markets, unrealized energy savings, diminution of property value or loss of reimbursement or credits from governmental or other agencies.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed the day and year first above written.

CONSULTANT

By: DocuSigned by: Tania Treis 573019A9A18941A...
Tania Treis, President

CITY OF BISHOP
A Municipal Corporation

By: _____
Jose Garcia, Mayor

ATTEST:

By: _____
Robin Picken, City Clerk

APPROVED AS TO FORM:

By: _____
Dean Pucci, City Attorney

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EXHIBIT A

REQUEST FOR QUALIFICATIONS/SERVICES TO BE PROVIDED

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CITY OF BISHOP

377 West Line Street - Bishop, California 93514
P. O. Box 1236 - Bishop, California 93515
City Hall 760-873-5863 Public Works 760-873-8458
Fax 760-873-4873

Request for Qualifications for As Needed, On-Call Environmental Services

Dear Interested Party:

The City of Bishop (**"City"**) is seeking a statement of qualifications from environmental consulting teams (**"Consultant**") to provide On-Call, As Needed Environmental Consulting Services. Under the direction of the City's staff, the environmental consultants will assist on an as-needed basis, with a variety of environmental professional services including the preparation and review of California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA) documents for projects that may occur within the City of Bishop limits. As a public entity, the City of Bishop is considered the lead agency for the processing of projects within the City limits in compliance with CEQA.

A. Purpose and Background

The purpose of this Request for Qualifications (RFQ) is to provide the City with specific environmental consulting services and other related items when expedited services are needed. For each project for which services will be requested, the City will issue a Task Order to one or more firms under the On-Call Agreement and request a proposal.

The term of the As Needed, On-Call services contract(s) shall be for three (3) years. The contract(s) may be extended for one (1) year at a time, after the initial three (3) years, with written agreement of the City and the Consultant. The contract(s) may be extended until a five (5) year period is complete.

The City supports the Disadvantaged Business Enterprise (DBE) program and encourages the use of DBE consultants and subconsultants when possible. The primary purpose of the DBE program is to provide training, assistance, and services to minority, disadvantaged, and women business enterprises and provide equal opportunity. There is no DBE goal for participation in this RFQ. However, DBE goals will be given for the task orders if required.

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B. Scope of Services

Services provided by Consultant will be on an intermittent, as needed, On-Call basis. The Consultant shall have staff qualified to conduct all necessary environmental consulting work and written documents, including graphics.

Scope of Services may include, but are not limited to, the following tasks:

- Preparation of technical reports/memos and NEPA and CEQA documents or similar:
    - Natural Environment Study (NES) / NES Minimal Impacts
    - Biological Assessment
    - Revegetation Plan
    - Focused Plant or Animal Survey
    - Habitat Assessment
    - Wetland Delineation
    - Arborist Evaluation
    - Noise Technical Memorandum
    - Initial Site Assessment
    - Lead and Asbestos Testing
    - Historic Property Survey Report
    - Archaeological Survey Report
    - Historic Resources Evaluation Report
    - Finding of Effect
    - Water Quality Assessment Memorandum/Report
    - Caltrans forms, for example, Preliminary Environmental Study PES Form, Caltrans Floodplain Forms
    - Initial Study / Mitigated Negative Declaration / Mitigation Monitoring and Reporting Program
    - Environmental Impact Reports (EIR)

- Obtain sub-consultants for other as-needed professional environmental consultant services related to environmental analysis and surveying.
- Attend kickoff and other meetings at the City's request.
- Review CEQA/NEPA documents, plans, studies, and other documents on behalf of the City.
- Providing General Assistance and Support to comply with CEQA/NEPA requirements for both federal and/or state-funded projects.
- Consultation with City, Caltrans, or other agency staff.
- Reviewing environmental reports or technical studies.

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- Reviewing project permits.
- Identifying the components and requirements of a project.
- Conducting a site investigation to determine existing field conditions.
- Submitting a written proposal, including the scope of work, a not-to-exceed fee proposal, and a schedule.
- Compliance monitoring.

All work shall be in accordance with local, state, and federal standards when applicable.

All documentation, and graphics prepared under the terms of the Agreement with the City shall be delivered to the City and shall become the property of the City. Other work not required by the City, such as notes, sketches, charts, computations, and other data shall be available upon request to the City without restrictions or limitations.

C. Assignment of Work

The City will assign work to any of the contracted firms as deemed necessary. All work shall be performed under the direction of a licensed professional engineer registered with the State of California. No subcontractors shall be utilized without prior authorization by the City.

The consultant will have a prescribed number of working days, indicated in the Task Order, to submit the requested proposal. Failure to submit the proposal by the prescribed time may cause the proposal to be rejected and another firm assigned the task.

When services are being requested, the City will issue the Task Order to one or more of the firms under the On-Call Agreement and request a proposal, including project understanding, fee rates for the completion of the tasks, proposed methods, hours to be spent on tasks, and a schedule including the time needed to complete the tasks. The City will review proposals and will award the work based on qualifications for tasks and overall cost.

Project scheduling will be based on a task-to-task basis decided by the City and Consultant. Any changes in the schedule must have prior authorization by the City's Public Works staff. The final payment will be paid when all tasks are complete, and the City has received all the required documents.

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Schedule

The City of Bishop has set a schedule for the RFQ process. However, the services provided by the Consultant will be on an as needed, On-Call schedule.

Description	Estimated Completion Date
Advertisement of Request for Qualifications	February 12, 2024
Requests for Clarification/information Deadline	March 9, 2024
Statements Due	March 12, 2024
Interviews (if desired by City)	Week of March 25, 2024
Initial Selection	April 8, 2024
Contract Negotiations	Week of April 15, 2024
Present to City Council	April 22, 2024

D. City Provided Work and Information

If requested by Consultant, The City of Bishop will provide the following:

- City of Bishop Standard Plans
- Recorded maps showing parcel boundary information
- Topographic information if available
- GIS information if available
- Previously completed, project specific plans or reports
- Codes specific to Bishop

E. Selection Criteria and Process

The contract(s) will be awarded on the basis of demonstrated competence and professional qualifications necessary for the satisfactory performance of the services required. There may be interviews for the top responsive firms. Statements will be reviewed by select City staff members and authorized City Representatives. The City will score each of the following criteria on a scale of 1-5 which will be multiplied by the weighted values, with 1 being below average and 5 being exceptional. City Staff will rate statements as seen in the following table:

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Criteria	Weight Factor	Rating (1-5)	Weighted Rating
A. Understanding of work to be done	0.10		
B. Responsiveness to request for qualifications	0.05		
C. Appropriateness and acceptability of approach and work plan, ability to develop proposals for issued task orders	0.15		
D. Ability to complete task orders in a timely manner	0.15		
E. Qualifications of the firm, consultant, and assigned staff	0.10		
F. Knowledge of and experience with similar work	0.15		
G. Local experiences & knowledge	0.15		
H. References	0.05		
I. Rating and ranking of interview (if conducted)	0.10		
		Total Score:	
Comments:			

The initial selection(s) will be based on the criteria listed in the table above. If clarification is required, a written questionnaire may be provided or an informal interview may be conducted. If an interview is conducted, it will be scheduled within three weeks following the statement submittal.

After selection of the top-ranked firm(s), the City will negotiate final contract terms. The goal of negotiations is to agree on a final contract that delivers the services and products required with reasonable fees. Compensation for the as needed, On-Call, agreements shall be handled through task orders and will be financed through project specific funding sources. Note, there is no expectation or guarantee of a total contract amount.

F. Proposed Response Format

The following statement format is required and has been designed to facilitate comparison among statements submitted. The statements should not exceed 15 pages, not including attachments. Future Task Orders assigned to awarded consultant(s) will have a separate proposal response format, provide by the City at the time of task requests.

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1. Cover Letter – Introduction

Provide a summary of the statement and demonstrate the firms understanding of the tasks, including general approach for scope of services provided in this RFQ. Include an introduction to the firm as well as a contact person's name, phone number, email address, and mailing address.

2. Qualifications, Experience, References

Prepare a summary of your firm's qualification and experience in similar projects. Include the names of clients, duration, and description of past or current assignments. Also, include names and telephone numbers of contact persons of as many as three (3) clients for whom your firm provided similar services.

3. Technical Approaches and Scope of Work

Provide typical work plans for various tasks in the Scope of Services. State the interpretation of the types of work to be performed. State a positive commitment to perform the work in the required manner and time frame. Demonstrate an understanding of the services being requested.

4. Staffing and Subconsultants

List the individuals that will participate on this agreement, including their staff classification. Please include a brief resume of experience in similar projects for each individual and proof of various professional registration, licenses, and certificates. Subconsultant statements and resumes may be submitted as an attachment.

If, at the time of a Task Order request, the Consultant(s) wishes to use subconsultants not specified in their RFQ statement, prior written approval must be received from the City. The City may provide the approval after review of the proposal(s) required for a Task Order. Subconsultants may be used for work such as traffic reports or studies, traffic studies reviews, and other as-needed technical studies.

5. Fees

Provide a price statement for general services in a separate, sealed envelope including a price for each typical deliverable. The price statement should include a list of staff hourly rates and other additional costs in the event that work is required outside of the typical design items outlined in this RFQ. Once City staff has made initial selections, the price statement will be opened and used as a basis for final scope and fee negotiations. Should those negotiations be successful, all other price statements will be unopened and shredded.

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G. Submittal of Statement

Submit two (2) signed hard copies and one electronic copy on a thumb drive of your entire statement in a sealed envelope labeled **"RFQ – As Needed, On-Call Services for COB"**. Label price statement as **"Price Statement for RFQ – As Needed, On-Call Services for COB"**. Submit statement to:

City of Bishop
377 West Line Street
Bishop, CA 93514
Attention: Michele Rhew, Public Works Secretary

Statements must be submitted, or postmarked, prior to **4:00 PM, Tuesday, March 12, 2023.**

If all required information is not provided, a statement may be considered nonresponsive and rejected without evaluations. Late submittals, submittals to the wrong location, or submittals with inadequate copies are considered nonresponsive and shall be rejected.

The City shall not, in any event, be liable for any pre-contractual expenses incurred by Consultant in the preparation of its statement. Consultant shall not include any such expenses as part of its statement. Pre-contractual expenses are defined as expenses incurred by the Consultant in:

- Preparing the statement in response to this RFQ;
- Submitting the statement to the City;
- Negotiating with City on any matter related to the statement; or
- Any other expenses incurred by the Consultant prior to date of award, if any, of the Contract.

Consultant statements and any contract entered into thereafter become the exclusive property of the City and shall be subject to the California Public Records Act (Government Code Section 6250 et seq.). The City's use and disclosure of its records are governed by this act. Those elements in each statement which Consultant(s) consider to be trade secrets, as that term is defined in Civil Code Section 3426.1(d), or otherwise exempt by law from disclosure, should be prominently marked as "TRADE SECRET", "CONFIDENTIAL", or "PROPRIETARY" by Consultant. The City will use its best efforts to inform Consultant of any request for disclosure of any such document. The City, shall not in any way, be liable or responsible for the disclosure of any such records including, without limitation; those so marked if disclosure is deemed to be required by law or by an order of the Court.

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H. Information and Inquires

Should a Consultant require clarifications to this RFQ, the Consultant shall submit a request for information (RFI) notify City Staff listed below in writing. Should it be found that the point in question is not clearly and fully set forth in the RFQ; the City may issue a written addendum clarifying the matter. RFIs should be submitted no later than April 20, 2023 to allow adequate time for the City to respond.

Substantive changes to the requirements will be made by written addendum to this RFQ. Any written addenda issue pertaining to this RFQ shall be incorporated into the terms and conditions of any resulting Agreement. The City shall not be bound to any modifications to or deviations from the requirements set forth in this RFQ as the result of oral instruction.

For further information, please contact:

Anastasiia Budnyk
Assistant Planner
(760) 873-8458 x 136
abudnyk@cityofbishop.com

I. Top Ranked List and Protests

Each Consultant who submits a statement shall be notified in writing regarding the Consultant(s) who were selected as part of the top ranked list. Such notification shall be made within 10 days of the list approval date.

Consultants may file a “protest” of a statement with the City. In order for a Consultant’s protest to be considered valid, the protest must:

- Be received in writing within 5 calendar days after the top ranked list is published;
- Clearly identify the specific irregularity or accusation;
- Clearly identify the specific City staff determination or recommendation being protested;
- Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid. If the protest complies with each of these requirements, the Project Manager or other designated City staff member shall review the basis of the protest and all relevant information. A member of the City Staff will provide a written decision to the protestor. The protester may appeal the initial decision to Deston Dishion, City Administrator, by

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filing a protest meeting and all five of the criteria listed above. This appeal must be received within 5 calendar days of the date of the initial City Staff written decision.

J. Sample Contract and Exceptions

The City of Bishop agreement for as needed, On-Call consulting services will be provided upon request. The firm should review the agreement and insurance requirements and indicate if there are any exceptions to the agreement requirements or language that requires further discussion or clarification. Noted exceptions may be considered in determining a proposer's responsiveness. The selected Consultant(s) shall be bound to accept all RFQ requirements and terms and conditions of the Form of Agreement not excepted in the statement.

K. Other Requirements

By submitting Qualifications, Consultant represents that it has thoroughly examined and become familiar with the work required under this RFQ and is capable of performing quality work to achieve the City's objectives.

All statements shall remain good for a minimum of 60 calendar days after the submission deadline or until final contract(s) are executed with the successful proposer(s), whichever occurs first.

By submitting Qualifications, Consultant warrants that any and all licenses and/or certifications required by law, statute, code or ordinance in performing under the scope of this RFQ are currently held by Consultant, and are valid and in full force and effect. All consultants for the City of Bishop must have or obtain a current business license from the City of Bishop.

Sincerely,

Deston Dishion
Planning Director
City of Bishop

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EXHIBIT B

CONSULTANT'S STATEMENT OF QUALIFICAITIONS

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City of Bishop

On-Call Environmental Services 2024

March 12, 2024

717 Market Street, Suite 400
San Francisco, CA 94103
650-373-1200 **panoramaenv.com**

PANORAMA ENVIRONMENTAL, INC.

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Appendix A: Resumes

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March 12, 2024

PANORAMA ENVIRONMENTAL, INC.
717 Market Street, Suite 400
San Francisco, CA 94103
ph: 650-373-1200

Michele Rhew
City of Bishop, Public Works Secretary
377 West Line Street
Bishop, CA 93514

Subject: Panorama Environmental, Inc., Statement of Qualifications for As Needed, On-call Environmental Services

Dear Ms. Rhew:

Panorama Environmental, Inc. (Panorama) is pleased to present the attached Statement of Qualifications (SOQ) to provide the City of Bishop (City) with environmental services to support the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) process.

About Panorama Environmental

Panorama is a San Francisco-based, women-owned environmental consulting firm with an over 40-year history providing multidisciplinary environmental planning services to public-sector and private clients. Panorama specializes in CEQA and NEPA environmental compliance, with specific experience preparing studies and documentation for transportation projects in compliance with California Department of Transportation (Caltrans) Standard Environmental Reference (SER).

Panorama is a privately owned California S-Corporation with two owners, Tania Treis and Susanne Heim. We have been in business as Panorama since 2011; however, our history extends back over 40 years as MHA and RMT. Panorama currently has over 40 employees located throughout California, Oregon, Nevada, and Idaho, including CEQA and NEPA specialists and project managers, GIS specialists, biologists, air quality and noise specialists, paleontologists, and visual resource specialists. We are certified as a small business enterprise (SBE), woman- and minority-owned business enterprise (WBE/MBE), and disadvantaged business enterprise (DBE).

Local Knowledge and Presence and Relevant Expertise

Panorama has over three decades of experience leading CEQA and NEPA analyses for projects in the Eastern Sierra region, including Mono and Inyo counties. We have held on-call environmental services contracts with Inyo County for almost 15 years, Mono County Planning Department for over five years, and Mono County Public Works for one year. We have led CEQA and NEPA documentation for dozens of transportation improvement projects in Inyo County in the last decade and are very familiar with the natural resources in the region. Panorama has specific experience preparing studies and NEPA and CEQA documentation for

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projects that require compliance with the Federal Highway Administration (FHWA) and Caltrans Local Assistance. Panorama staff are deeply familiar with the Caltrans SER. Panorama also has staff in Bishop and Lone Pine, California.

Highly Qualified Management Staff

Panorama's assigned contract manager is Susanne Heim, and the designated project managers are Rita Wilke and Jessica Koteen. Susanne is a Principal and co-owner of Panorama and has the ability to contract and obligate the company. Susanne also has over 22 years of experience leading CEQA and NEPA document preparation and can provide key strategic advice and support to Panorama clients if needed. Jessica Koteen and Rita Wilke are Senior Managers at Panorama. Jessica brings over 24 years of experience leading CEQA and NEPA documentation for public works projects as well as a variety of projects for the Bishop Paiute Tribe. Rita has over 13 years of experience leading similar efforts and managed the Inyo County Public Works on-call contract. In addition, Rita is an expert in implementing Caltrans SER for Local Assistance Program-funded projects.

Approach to the Scope of Work

Panorama's approach to the on-call contract includes close coordination with the City during the scoping of each task order to properly define the correct level of environmental review and necessary technical analysis to be included. Many projects may involve maintenance activities that qualify for Categorically Exemption (CatEx) under CEQA and Categorically Exclusion (CE) under NEPA. In addition, Caltrans SER often requires completion of biological and cultural resource evaluations or other technical analyses to support the NEPA CE. Because of Panorama's extensive experience completing the CEQA and NEPA processes and all supporting studies as well as permit compliance for public works projects, we are adept at developing a scope of work and budget for each project that matches the project requirements.

If you have any questions about this proposal, please feel free to contact me at (323) 646-0237 or jessica.koteen@panoramaenv.com.

Sincerely,

Jessica Koteen,
Senior Manager

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Qualifications, Experience and References

Panorama has led CEQA and NEPA documentation and resource permitting efforts for public works and planning projects in Inyo County and neighboring Mono County for over 30 years. As an on-call consultant to Inyo County Public Works, we have developed a strong working relationship with Caltrans District 9 Local Assistance Program staff, including local Caltrans biologists and archaeologists. Many of Panorama's documents, including PES forms, ASRs, NESs, and other technical reports, are accepted by Caltrans District 9 with minimal or no comments. In the last 15 years, we have completed CEQA and NEPA documentation for 17 Inyo County Public Works projects, including nine projects that required NEPA documentation including ASRs and NESs for Caltrans District 9.

Many of our key staff are locally based and able to mobilize to the City of Bishop rapidly if needed. Panorama Project Manager Jessica Koteen is based in Bishop, California. Rita Wilke is based in El Dorado County, California. Biologist Russell Koxk is based in Lone Pine, California, and archaeologist Peter Carey is based in Bishop, California. In addition to our local experience, our staff's location in proximity to the City of Bishop reduces travel time and expense to Bishop for any fieldwork conducted under the on-call contract.

Recent Relevant Project Experience

Panorama is highly qualified to support CEQA and NEPA compliance for City of Bishop projects. We have strong experience completing similar CEQA, NEPA, and permitting efforts in the region and have supported many public works departments across California with CEQA and NEPA documentation, including required baseline environmental impact analyses and studies, and obtaining required environmental permits from agencies. The project examples on the following pages demonstrate Panorama's local knowledge and relevant experience completing CEQA and NEPA documentation as well as obtaining other environmental clearances and permits for public works projects. Panorama has provided environmental services for more than 25 projects funded through the Caltrans Local Assistance Program in the last 5 years, and the majority of these projects have required a Natural Environment Study (NES) and Biological Assessment (BA) as well as Archaeological Survey Reports (ASRs)

In addition to Panorama's successful experience with similar projects, Panorama has included several specialty subconsultants on its team to support cultural and biological assessments, water quality assessments, and Phase I Environmental Site Assessments. ASM is a specialized cultural resource management (CRM) firm that brings directly relevant experience completing Caltrans ASRs and other services in compliance with Section 106 of the National Historic Preservation Act (NHPA) for public works and other projects in the City of Bishop. Our team of biologists are also very familiar with the flora and fauna of Inyo County and were specifically selected for this contract due to their experience completing similar NESs, including rare plant surveys, wetland delineations, invasive weed surveys, and focused wildlife surveys, to support the CEQA and NEPA processes, including Section 7 consultation under the federal Endangered Species Act (ESA).

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Inyo County On-call Environmental Services

Client:

Inyo County Public Works

Ashley Helms, Public Works Deputy Director of Airports

760.878.0200 office

ahelms@inyocounty.us

Date of Contract and Completion:
2004–2018

Key Staff:

Susanne Heim (Panorama)
Rita Wilke (Panorama)
Caitlin Gilleran (Panorama)
Russell Kokx (Panorama)

Project Description

Panorama provided as-needed environmental services to Inyo County to support Inyo County public works projects. Between 2004 and 2018, Panorama completed 17 projects with Inyo County Public Works Department. Projects included bridge repair and maintenance, road maintenance, stream and creek maintenance, bike lane construction, park and trail improvements, and railroad rehabilitation. Panorama has provided environmental services for several County projects located within the ICDPW right-of-way including Laws Railroad, Carroll Creek Road Bridge Replacement, and Walker Creek Road Bridge Replacement. Nearly all projects were funded through federal or state programs administered by Caltrans, such as the Highway Bridge, Highway Infrastructure, Local Highway Safety Improvement, Emergency Relief, Safe Route to School Program, and State Transportation Improvement programs. Programs administered by Caltrans require coordination with Caltrans Local Assistance staff and compliance with Chapter 6 (Environmental Procedures) of the Caltrans Local Assistance Procedures Manual (LAPM).

Outcome

Panorama prepared technical studies in compliance with Caltrans Standard Environmental Reference including biological, cultural, hazardous material, air quality, and visual studies. Panorama was responsible for preparing all CEQA and NEPA compliance documents including Initial Studies, Mitigated Negative Declarations, Categorical Exemptions, Categorical Exclusions, and Environmental Assessments. Panorama also coordinated with resource and land management agencies on behalf of Inyo County to prepare all necessary permit applications for the National Park Service, Bureau of Land Management, U.S. Forest Service, California Department of Fish and Wildlife, U.S. Army Corps of Engineers, California Regional Water Quality Control Board, and U.S. Fish and Wildlife Service. Panorama has assisted the County with obtaining take coverage for Mojave desert tortoise and Mohave ground squirrel. Panorama has provided support during the construction phase by developing and administering worker trainings, completing preconstruction surveys for biological resources, and conducting mitigation monitoring.

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Mono County Planning Department On-Call Services

Client:

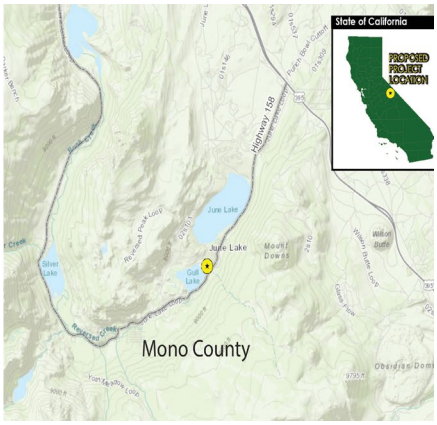
Mono County Planning Department

Wendy Sugimura
760-924-1814
wsugimura@mono.ca.gov

Date of Contract and Completion: 2018–current

Key Staff:

Susanne Heim (Panorama)
Jessica Koteen (Panorama)
Rita Wilke (Panorama)
Caitlin Gilleran (Panorama)
Russell Kokx (Panorama)



Project Description

Panorama provides on-call as-needed CEQA support services to the Mono County Planning Department. Projects have included cannabis use permits and permitting for residential and retail development and recreation projects. Panorama has prepared CEQA 15183 Exemptions and Initial Study/Mitigated Negative Declarations (IS/MNDs) in compliance with CEQA for projects throughout the County including developments within the June Lake, Benton, Crowley, and Sierra business park areas. Panorama's scope of services has also included air quality and greenhouse gas (GHG) analysis, vehicle miles traveled (VMT) analyses, cultural resource surveys and reports, and biological resource surveys and reports including rare plant surveys and wetland delineations. Under the on-call contract, Panorama responds to Mono County requests for proposals and develops a detailed scope, budget, and schedule for each project in coordination with County planning staff. Panorama then contracts with the County to implement the scope of work and complete the work within the defined schedule and budget.

In addition to our on-call CEQA compliance services, Panorama provided CEQA technical support for the Mono County update to the Climate Action Plan and establishment of the VMT thresholds for Mono County, both of which were adopted in 2022.

Outcome

Panorama completed the following CEQA documents under its on-call contract with Mono County:

- Apogee Farms IS/MND
- June Lake GHG and VMT analysis
- Bask Ventures 15183 Exemption
- County Line Ranch CEQA Initial Study
- June Lake Business Center 15183 Exemption

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Archeological Survey for the Airport Road Rehabilitation Project

Client:
Mono County for Caltrans
Chad Senior, Mono County Department of Public Works
760-924-1812
csenior@mono.ca.gov

Date of Contract and Completion:
2019–2020

Key Staff:
Peter Carey (ASM)

Project Description

ASM was contracted by Mono County to conduct an Archeological Survey Report (ASR) and Extended Phase One Investigation (XPI) for a road rehabilitation project near the Mammoth Yosemite Airport for compliance with Section 106 of the NHPA in order to obtain a Categorical Exclusion under NEPA. The proposed project included the rehabilitation of failing asphalt concrete, feasibility analysis, and repair and replacement of existing metal culverts in order to maintain existing roadside drainage. In order to begin proposed services, ASM obtained an Organic Act permit from the USDA Forest Service (USFS) Inyo National Forest (INF). ASM then completed research and review of records from the Eastern Information Center, USFS, and Native American Heritage Commission. Formal Native American outreach letters were sent by ASM on behalf of Caltrans. ASM completed an intensive pedestrian survey and prepared a final ASR report presenting the results of the cultural resources identification efforts. Following acceptance of the ASR, ASM was further requested by Caltrans to conduct an XPI of the project APE for subsurface resource potential. ASM excavated 10 shovel test pits within the APE. Results of the XPI and a finding of effect for the project for compliance with Section 106 of the NHPA was provided in the Draft and Final XPI report.

References

Panorama's references can speak to our experience with similar NEPA, CEQA, and permitting projects for public works and local projects. A list of references for Panorama is provided below.

Reference: Wendy Sugimura,
Community Development Director
Mono County Planning Department
Phone: 760-924-1814
Email: wsugimura@mono.ca.gov

Reference: Ashley Helms, Public Works Deputy Director of Airports, Inyo County Public Works
Phone: 760-878-0200
Email: ahelms@inyocounty.us

Reference: Juan Cruz, PE, Senior Engineer
Consor Engineering
Phone: 1-916-368-9181
Email: Juan.Cruz@consoreng.com

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Technical Approach and Scope of Work

Panorama is a full-service team with qualified staff to provide additional services listed in the RFQ, including various cultural resources evaluations, water quality assessments, and hazardous materials assessment, among others.

CEQA/NEPA Compliance Documents

Panorama's approach to successful implementation of public works projects and obtaining CEQA and NEPA clearance include the following:

- Defining the appropriate pathway for CEQA and NEPA compliance
- Conducting studies and impact analyses as required to support the CEQA and NEPA compliance processes
- Coordinating with the CEQA and/or NEPA Lead Agencies and technical staff throughout the CEQA and NEPA process
- Supporting consultations and public outreach efforts in compliance with CEQA and NEPA

The first step in any CEQA and NEPA compliance effort is determining the appropriate CEQA or NEPA compliance pathway and defining the technical studies required for the project.

Natural Environment Study (NES)/NES Minimal Impacts, Biological Assessments, Focused Plant or Animal Surveys, and Habitat Assessments

Panorama has developed a team of biologists to support the City of Bishop with a variety of as-needed biological resources services. Our team includes Panorama staff with support from Kleinfelder. Our staff are familiar with regulations protecting endangered, threatened, and special-status species. We regularly assist our clients in obtaining permits by consulting with agency staff, preparing permit applications, and reviewing draft permits.

Revegetation Plans

Panorama's team provides habitat restoration and vegetation enhancement plans that increase the ecological functions and value of the habitat on a project site to meet regulatory agency requirements. Our team has experience with a wide variety of habitat enhancement techniques and uses state-of-the-art management tools and monitoring methods. Our successful restoration and mitigation projects result from a collaboration of hydrologists, engineers, landscape architects, agency staff, and the public.

Wetland Delineation

Our team has highly qualified staff to perform wetland and waters delineations and completed wetland assessments to support CEQA and NEPA analyses and wetland regulatory permit applications. The wetland delineations are conducted in accordance with the USACE Wetland Delineation Manual, Arid West Supplement and Mountains, Valleys, and Coast Supplement and the State Water Resources Control Board's definition of wetlands and waters of the state.

Arborist Evaluations

The Panorama team includes certified arborists that would be available as needed for services requiring a variety of tree assessments from surveys to tree condition evaluations, risk

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assessments, tree structure evaluations, and mitigation reporting. Depending on the needs of the project, the arborist would review the project description, determine potential impacts to trees, and further assess the conditions of trees, avoidance strategies, or mitigation.

Noise Technical Memorandum

Panorama's in-house staff have conducted noise monitoring and evaluation for dozens of CEQA projects. Panorama's noise impact analysis experience includes, but is not limited to, the following:

- Vibration and noise impacts from pile driving and blasting
- Noise monitoring and impact analysis from trenching and underground utility construction in roads
- Noise modeling for construction

Panorama has developed a noise model to address impacts from trenching for underground utilities. Panorama's approach to noise analysis starts by evaluating noise sensitive receptors in the project vicinity. Panorama then obtains information on baseline noise levels and proposed equipment use to evaluate the potential project impacts.

Archaeological and Architectural History Surveys/Reporting:

ASM has conducted and prepared numerous cultural surveys within the Owens Valley area, including conducting records searches and reviewing previous cultural reports. ASM has worked on Caltrans related projects, which involve discussion with Caltrans personnel to identify the approved project APE. In addition, we will request a search of the Sacred Lands File (SLF) by the Native American Heritage Commission (NAHC) in order to identify any areas of Native American heritage significance that may be impacted by project development. Should the project area also contain built environment resources more than 45 years old, ASM will complete additional records searches that could include titles searches, chain of ownership, Assessor's records, and historic research on the history of the property at local repositories, previously developed contexts, and organizations within the City. At the completion of archival research, ASM architectural historians and/or archaeologists will perform intensive field surveys. Evaluations of potential historical resources will be conducted under the appropriate context and themes established by the City and in conformance with National Register of Historic Places (NRHP) Bulletin *How to Apply the National Register Criteria for Evaluation*, the California Office of Historic Preservation's *Instructions for Recording Historical Resources*, and Technical Assistance Series #7, *How to Nominate a Resource to the California Register of Historical Resources* as well as any additional requirements (Caltrans, etc.). If potentially significant archaeological sites are identified, evaluation of their eligibility for the NRHP, California Register of Historic Resources, or local register(s) may be required if site avoidance cannot be achieved due to project constraints. ASM will provide a cultural resources technical report in compliance with City, local, State, and federal guidelines as needed to summarize the results of the survey, assess impacts to identified resources, and provide mitigation recommendations.

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Water Quality Assessments

Kleinfelder has extensive experience preparing a variety of water quality assessment work plans for municipal and regulatory agencies. We understand the work plans we prepare are reviewed by regulators and each component should specifically address the needs of the project with regards to professional and regulatory standards such as the Clean Water Act, groundwater, and drinking water. As water quality can be expressed in several different ways, Kleinfelder employs experts that understand groundwater, wastewater, surface water, and stormwater. Kleinfelder's experience spans working with local municipalities, State of California EPA/Regional Water Quality Control Boards/Department of Toxic Substance Control, CalTrans, California Department of Water Resources, the U.S. Army Corps of Engineers, the U.S Bureau of Reclamation, and others.

Initial Site Assessments and Lead and Asbestos Testing

Public works projects have the potential to require Phase I Environmental Site Assessments (ESAs) and Initial Site Assessments (ISAs) due to the age of infrastructure and historic or existing surrounding land uses. Older bridges may contain asbestos or lead paint and may require remediation or specific construction measures to limit the potential for worker or public exposure to hazardous materials. Panorama has managed many Phase I ESAs, ISAs, and Phase II ESAs. We are very familiar with the laws applicable to hazardous waste disposal and management. We have included Kleinfelder on the team to support Phase I ESAs and other hazardous materials assessments and surveys as those needs arise.

Mitigation Planning and Implementation

Panorama and our subconsultant team partners at Kleinfelder have developed mitigation plans for biological resources and led implementation of mitigation plans. Panorama develops a detailed mitigation monitoring and reporting program for every CEQA project and is often contracted to implement mitigation measures during construction. We have developed a cloud-based application to collect data in the field and automatically generate monitoring reports during construction to assist with timely filing of any required mitigation reports in compliance with permit requirements or other project conditions.

Compliance Monitoring

Panorama has developed a web-based real-time mitigation monitoring and reporting system that would expedite and streamline the mitigation monitoring process for the City of Bishop projects. The PanoFACTS system includes photo-documentation of any issues noted in the field, and an email report is instantaneously sent to Panorama and the City of Bishop Project Manager when the field monitor leaves the field so that both Panorama and the City are immediately informed of any issues that are documented in the field along with photo evidence of the issue. This instant reporting allows Panorama to quickly respond to and resolve any issues that are noted during the mitigation monitoring and compliance process.

The Panorama team has substantial experience preparing detailed Mitigation Monitoring, Compliance, and Reporting Plans (MMCRPs) as well as working with our clients to ensure all pre-construction reporting and compliance measures are addressed prior to construction.

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Staffing and Subconsultants

Team Expertise and Experience

Panorama has assembled a team of highly qualified environmental planners and technical specialists to support the City of Bishop with CEQA and NEPA compliance. Our objective is to provide all required CEQA and NEPA documentation, mitigation planning (if needed), and technical expertise to support the City from the early phases of a project through implementation. We have focused on building a team of subconsultants who have worked successfully with Panorama in the past, have direct experience in the project area, and have similar work with other agencies across the state.

Panorama's assigned contract manager is Susanne Heim, and the designated project managers are Rita Wilke and Jessica Koteen. Susanne is a Principal and co-owner of Panorama and has the ability to contract and obligate the company. Susanne also has over 20 years of experience leading CEQA and NEPA document preparation and can provide key strategic advice and support to Panorama clients if needed. Jessica Koteen and Rita Wilke are Senior Managers at Panorama. Jessica brings over 24 years of experience leading CEQA and NEPA documentation for public works projects, and Rita has over 13 years of experience leading CEQA/NEPA services for public works projects. Rita is an expert in implementing Caltrans SER for local assistance program funded projects. Our key staff resumes are included in Appendix A.

Subconsultants

The Panorama business model is based on bringing our clients the right team members and technical specialists for each project. We have specifically selected our subconsultant team partners for the City of Bishop on-call environmental services contract based on their knowledge of the local environmental resources and our past successful experience demonstrating their technical excellence, high quality work, and ability to successfully complete work on time and within budget.

Subconsultants are held to the same contracting standards as Panorama. When Panorama is awarded a contract, we prepare a subcontract for subconsultants that includes a copy of the client's contract terms and conditions. Subconsultants are required to supply Panorama with a certificate of insurance that meets Panorama's and the client's insurance requirements. Panorama is proposing to use the subconsultants listed below to fulfill specific needs of this contract.

ASM Affiliates

ASM is an SBE-certified cultural resource management firm specializing in archaeological and historical studies for compliance with local, state, and federal environmental requirements. Since incorporation in 1977, the firm has successfully completed more than 5,000 cultural resource investigations for both private sector clients and public agencies throughout the western and Pacific U.S. With regional offices in Reno, Nevada, and Bakersfield, California, and local staff in Bishop, ASM has the geographic capability to support projects in the City of Bishop regardless of project location, size, or scope. ASM's team of technical experts possesses the

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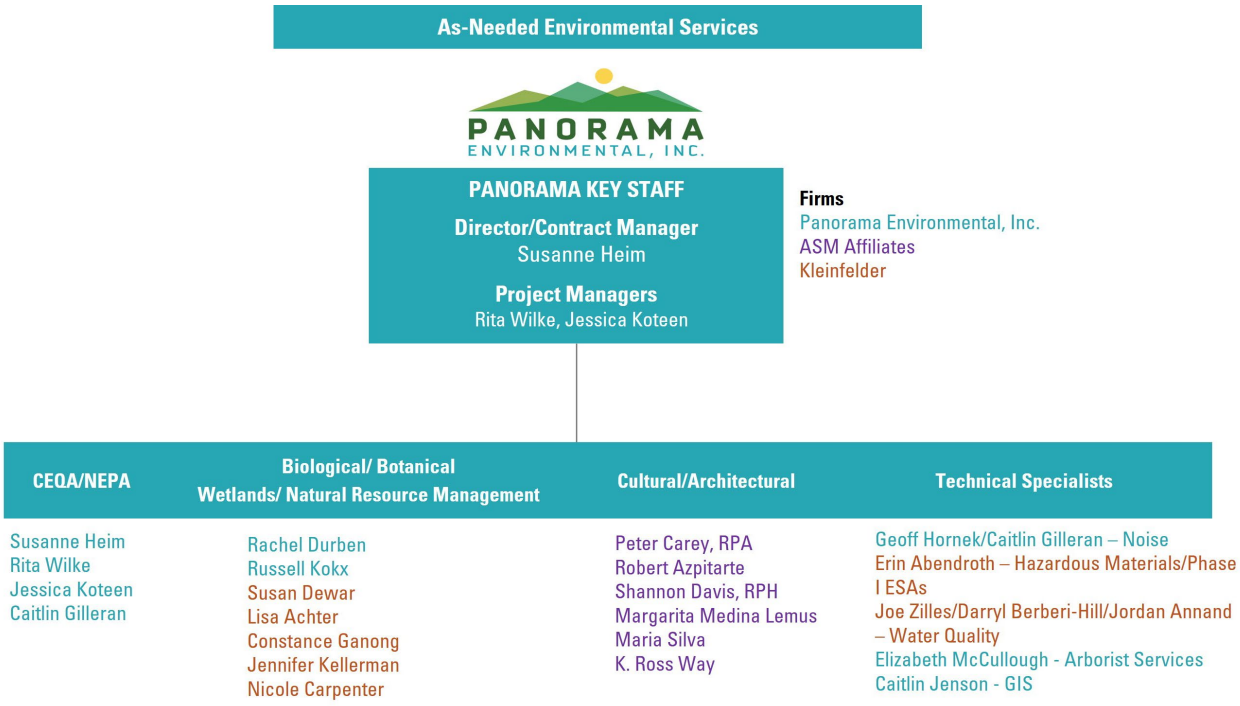
regulatory and regional expertise needed to assist in the completion of Archaeological and Cultural Resource Studies to support IS/MNDs and EIRs for all types of projects, including, but not limited to, planning, infrastructure, transportation, land development, and pipelines/rights-of-way.

Kleinfelder

As part of the Panorama team, Kleinfelder would be supporting a variety of services including biological resources studies, water quality assessments, and Phase I Environmental Site Assessments. However, due to the extensive list of services, they would be available to provide other environmental services as the needs come up. Kleinfelder staff has extensive experience conducting general and protocol-level surveys for wildlife and botanical resources across California. Kleinfelder has successfully completed several projects near the City of Bishop that include vegetation management and restoration, aquatic ecology (amphibian, fish, benthic macroinvertebrates, water quality), terrestrial ecology (mammals, raptors, rare plants, riparian vegetation, noxious weeds monitoring), and wetlands (jurisdictional delineations and permitting strategies).



Key Staff Qualifications

Our key staff meet and exceed the minimum qualifications identified in the RFQ. Resumes for all key staff are provided in Appendix A. Table 1 includes a summary of the applicable experience of our proposed key staff and technical leads.

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Table 1 Summary of Key Staff Qualifications

Name title, and project role	Qualifications/expertise	Relevant experience
Susanne Heim **Title**: Principal **Role**: Director/contract manager **Years of Experience:** 21	**Education:** • M.A., Environmental Policy, University of Nevada Reno • B.A., Political Science, University of California San Diego	• Principal-in-charge for Panorama's current on-call contract with Mono County Planning Department to prepare CEQA documentation and supporting technical analyses • Principal-in-charge for Panorama's current on-call contract with Mono County Public Works Department, including preparation of CEQA and NEPA documents and technical supporting analyses in compliance with Caltrans SER • Project manager for the Inyo County Walker Road and Carroll Creek Road Bridge Replacement Project IS/MNDs and Caltrans NEPA documentation
Rita Wilke **Title**: Senior Manager I **Role:** Project manager **Years of Experience:** 13	**Education:** • B.S., Ecology (*cum laude*), San Francisco State University • B.A., German (*cum laude*), San Francisco State University • A.A., Humanities, Folsom Lake College	• Project Manager for 15 public works projects in the Eastern Sierra, including nine projects funded with FHWA funding. • Project manager for the Plumas County Spanish Ranch Road Bridge Replacement Project and assisting the County with environmental oversight, which included preparing an expedited CDFW incidental Take Permit application within one week of receiving notice to proceed
Jessica Koteen **Title**: Senior Manager I **Role:** Project manager **Years of Experience:** 24	**Education:** • M.S., Environmental Economics (Recreation and Instream Flows emphasis), Colorado State University • B.S., Environmental Economics, Colorado State University	• Project manager for Panorama's current on-call contract with Mono County Public Works Department, including preparation of CEQA and NEPA documents and technical supporting analyses in compliance with Caltrans SER. • Project manager for various NEPA compliance documents for the Bishop Paiute Tribe • Project manager for the West Fork Russian Riverbank Stabilization Project, which involves permitting and CEQA/NEPA compliance to support Bank Stabilization of the West Fork Russian River within the Coyote Valley Band of Pomo Indians Reservation.

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Name title, and project role	Qualifications/expertise	Relevant experience
Rachel Durben **Title:** Environmental Scientist II **Role:** Biologist **Years of Experience:** 13	**Education:** • M.S., Biology, Northern Arizona University • B.S., Zoology, Northern Arizona University	• Deputy Project Manager and Biologist for the LNF's Dixie Postfire Recovery and Restoration Project, a post-wildfire NEPA compliance project with the Lassen National Forest's three districts; Environmental Assessment and all supporting documentation in support of the NEPA process • Project management for the development of an EA, various technical reports (including reports for wildlife, botany, archaeological resources, hydrology, and management indicator species), and a biological assessment (BA) in compliance with Section 7 of the ESA for the West Slope Community Protection Project in the Plumas National Forest, California
Elizabeth McCullough **Title**: Environmental Analyst II **Role:** Certified arborist **Years of Experience:** 11	**Education:** • B.S., Environmental Science Technology and Policy, California State University Monterey Bay **Certifications** • ISA Certified Arborist, WE-13197A • Cal Fire: Certified Cultural Resources Surveyor. Class 168	• Tree inventory and tree protection plan for the College Hill Reservoir Project; inventoried 85 trees and identified over 40 tree species; recorded the species and GPS location of each tree; wrote a tree protection plan that listed protection measures for the trees that had been identified have the potential impacts • Tree inventory and tree appraisal for trees in the project area for a project that involved excavating a trench to bury transmission lines and improving water resources within the area, within which trees were severely damaged and infected with Magnolia Canker Disease; gave the project team recommendations to revise the project alignment to avoid impacts to the trees as the project originally required digging within the trees' critical root zone • Conducted a tree inventory for over 1,000 trees for project that included tree removal within a drainage near the Valley Memorial park for wildfire removal and protection purposes; discovered trees within the project area were infected with heart rot and scale insects and gave recommendations to the client for trimming the trees for fire resiliency as well as mitigating tree diseases and insects
Caitlin Gilleran **Title**: Senior Project Manager I **Role:** Noise specialist **Years of Experience:** 14	**Education:** • B.S., Environmental Management and Protection, emphasis in science and city and regional planning, California Polytechnic State University San Luis Obispo	• Prepared the Walker Creek Road Bridge Replacement Project IS/MND and CE and the Carroll Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA). Both projects used Federal Highway Administration (FHWA) funding for the bridge replacement and required CEQA and NEPA documentation • Project Manager for the June Lake Business Center Development Project Categorical Exemption Checklist (Mono County, CA), which involved demolition of existing structures and construction of two multi-family buildings and two commercial buildings

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Name title, and project role	Qualifications/expertise	Relevant experience
Russell Kokx **Title**: Environmental Scientist II **Role:** Biologist **Years of Experience:** 25	**Education:** • B.A., Environmental Biology California State University, Fresno	• Inyo County local with over 25 years of professional experience in environmental consulting completing biological assessments, performing botanical and wildlife surveys, mitigation monitoring, and delineations.
Susan Dewar **Title**: Senior Project Manager **Role:** Restoration ecologist **Years of Experience:** 21	**Education:** • Bachelors, Landscape Architecture, University of California, Davis, CA, 2003 • Masters, Ecology, University of California, Davis, CA, 2006 **Registrations/certifications:** • Registered Landscape Architect, No. 5640 • Certified Arborist, No. WE-7374A	• Over 20 years of experience with natural resources permitting and compliance, with a strong background in restoration and mitigation design, ecological surveying and monitoring, environmental permitting, regulatory compliance, and monitoring of restoration projects • Preparation of habitat mitigation and monitoring plans for various permit requirements, Biological Assessments for Federal Endangered Species Act Section 7 consultations, special-status plant salvage plans, and wetland delineations in support of Clean Water Act sections 401 and 404 permits and California Fish and Game Code Section 1600 Lake and Streambed Alteration Agreements.
Joseph Zilles, P.G. (CA) **Title**: Senior Project Manager **Role:** Geologist/ hydrogeologist **Years of Experience:** 27	**Education:** • BA, Geology, California State University System: Sacramento, California, 1998 **Registrations/Certifications:** • CA Professional Geologist No. 7787 (exp 4/30/22)	• Management of hydrogeologic projects throughout the United States and abroad; hydrogeologic evaluations, water supply assessments, pre-construction permitting (local and state); conducting of well pumping tests, aquifer analysis, and water quality investigations. • Project management, personnel management, preparing specifications, well site permitting, construction management, coordination of design implementation, geophysical log interpretation, and report preparation

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Name title, and project role	Qualifications/expertise	Relevant experience
Peter Carey, MA, RPA **Title:** Sr. Archaeologist III **Role:** Archaeologist **Years of Experience:** 15	**Education:** • M.A., Anthropology, University of Nevada, Reno • B.S., Anthropology, option: cultural resource management , California State Polytechnic University, Pomona **Registration/certifications:** • RPA, 2013 (#17880) • Meets Secretary of Interior Professional Qualification Standard for Archaeology	• Project manager for the Archaeological Survey for the Airport Road Rehabilitation Project, Mammoth Lakes, Mono County, CA. • Crew chief for the Cultural Resources Survey in the Bodie Hills, Mono County, CA.; direction of crews in pedestrian survey, identification of cultural resources, and site recordation in the Bodie Hills prior to a fuel reduction project; responsible for preparation of DPR forms for archaeological sites and preparation of technical report • Field archaeologist for the Cultural Resources Survey in Mammoth Lakes, Mono County, CA; pedestrian survey and site recordation in the Mammoth Lakes and June Lake area in the Inyo National Forest; responsible for the identification and documentation of archaeological resources in the area
Shannon Davis, RPH **Title:** Architectural Historian III **Role:** Architectural historian **Years of Experience**: 26	**Education:** • M.A., Historic Preservation, George Washington University, Washington, D.C. • B.A., American History, University of Southern California, Los Angeles **Qualifications:** • Meets Secretary of Interior Professional Qualifications Standard for Architectural History and History	• Project manager and senior architectural historian for the Bridgeport PUD Arsenic Treatment Project; compilation of an Integrated Cultural Resources Management Plan in collaboration with installation staff, working with Marine Corps to establish cultural resource and preservation goals and objectives and synthesizing previous studies to develop one comprehensive planning document for installation that had not previously had any preservation management plan • Project manager and senior Architectural Historian for the Verde School Bridge Replacement Project in Imperial County. Shannon managed an Historic Property Survey Report, Historic Resource Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report to replace the Bridge in compliance with Caltrans District 11 and the FHWA responsibilities under CEQA, NEPA, and the National Historic Preservation Act

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Appendix A: Resumes

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PANORAMA ENVIRONMENTAL, INC.

SUSANNE HEIM, PRINCIPAL

Overview of Experience and Expertise

Susanne has 20 years of experience managing preparation of California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA) compliance documents. Susanne is also skilled in multi-agency coordination and permitting support in compliance with the Endangered Species Act, Clean Water Act, and California Endangered Species Act. Susanne has specific experience managing CEQA compliance and studies for projects in Inyo County and Mono County, CA. As a Principal at Panorama, she serves as a contract manager and Project Director for several Panorama public works contracts and other similar on-call contracts. Susanne is a co-owner of Panorama Environmental and she provides direction to staff, coordinates with clients and stakeholders, and provides QA/QC for Panorama work products to ensure our high quality of service.

EDUCATION

- M.A., Political Science – Environmental Policy, University of Nevada, Reno
- B.A., Political Science - International Relations, University of California, San Diego

AWARDS

- Lake Tahoe Environmental Improvement Program Award - 2009

SPECIALIZED TRAINING

- Wetland Training Institute, Wetland Delineation Training Program
- Streambank Soil Bioengineering Technical Training Workshop, Churchill County
- Water Rights, Allocation and Resource Management
- Environmental Concern, Wetland Law
- and Policy

Key Projects

Client: **Sonoma County Public Works**
Project: **Freestone Flat Road Bridge Replacement Project (Sonoma County, CA)**
Role: **Project Director**

The project involved replacement of the functionally obsolete Freestone Flat Road bridge in Sonoma County, California. As Project Director, Susanne was responsible for quality assurance/quality control review of the Initial Study/Mitigated Negative Declaration (IS/MND) and technical studies for biological, cultural, and hydrologic resources. Susanne also supported development of the permitting strategy and coordinated with the Project Manager to evaluate options to the project to reduce permit requirements and ensure faster approval of the biological assessment (BA).

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Client California Public Utilities Commission
Project Ivanpah-Control Transmission Line Rating and Remediation Program (Inyo, Kern, and San Bernardino Counties)
Role: Deputy Project Manager

Susanne is serving as a Deputy Project Manager for preparation of the Environmental Impact Report (EIR) in compliance with CEQA for the 360-mile long Ivanpah-Control Project. The project involves replacement of existing Southern California Edison transmission structures adjacent to SCE's existing transmission lines, Key issues have included high density of cultural resources near Crater Mountain, impacts on Manzanar historic site, and impacts on Fossil Falls. Susanne has helped develop a strategy for coordination with BLM on the EIR and EIS as well as provided review of documents for compliance with CEQA and CPUC procedures.

Client Quincy Engineering
Project Walker Road Bridge and Carroll Creek Road Bridge Replacement Projects (Inyo County)
Role: Project Manager

Susanne was the Project Manager assisting with preparation of environmental studies and documents in compliance with Caltrans Standard Environmental Reference for replacement of the Walker Creek Road Bridge and Carroll Creek Road Bridge in Inyo County, California. The projects are located within Caltrans District 9 and preparation of environmental documentation included close coordination with Caltrans staff during preparation of environmental studies including the Natural Environment Study and Historic Resources Evaluation Report in addition to coordination with Inyo County for preparation of the Initial Study and Mitigated Negative Declaration for compliance with CEQA.

Client Quincy Engineering
Project Ed Power Road Bicycle Lane (Inyo County)
Role: Project Manager

Susanne was the Project Manager assisting with preparation of environmental studies and documents in compliance with Caltrans Standard Environmental Reference for addition of a bicycle lane on Ed Powers Road in Inyo County, California. The bicycle lane addition included extension of a culvert, which required a Streambed Alteration Agreement (SAA) from California Department of Fish and Wildlife (CDFW). Susanne assisted the County with completing all required studies for Caltrans approval as well as obtaining CDFW approval for the SAA.

Client: San Francisco Public Utilities Commission
Project: As-Needed Sewer System Improvement Program (SSIP) and Hetchy System Improvement Program (HSIP) Environmental Services
Role: Principal

Susanne served as the Principal for Panorama's task orders under the on-call SFPUC contract under a JV with ICF. As the Principal, Susanne is responsible for ensuring compliance with SFPUC contract requirements including documentation for additional staff or task order modifications as well as authorization of subcontracts with Panorama's subcontractors under the JV.

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PANORAMA ENVIRONMENTAL, INC.

RITA WILKE, SENIOR MANAGER I

Overview of Experience and Expertise

Rita joined Panorama in 2012 and has 12 years of experience in the environmental field. Rita is a skilled project manager for projects requiring environmental review under the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA). Rita has managed environmental compliance and conducted impact analyses for a variety of projects including fire and fuels management, electricity and water transmission, energy, transportation, and redevelopment projects. Rita has a strong understanding of permitting processes and has prepared permit applications for U.S. Army Corps of Engineers (USACE), California Department of Fish and Wildlife (CDFW), and Regional Water Quality Control Boards. Rita has also managed the preparation Biological Assessments to support U.S. Fish and Wildlife Service (USFWS) consultation under Section 7 of the Endangered Species Act. She has experience coordinating with state and federal agencies throughout project definition, preparation of the environmental document, and project construction. Rita manages and conducts compliance monitoring for public works and transmission projects.

Rita is also trained to conduct noise monitoring and data collection. She collaborated with noise technical experts to prepare an updated version of the Federal Highway Administration's Roadway Construction Noise Model (RCNM). The updated model is based on over 50 hours of data collection and is tailored to water pipeline construction projects. Although the updated model is based on water pipeline construction noise, some of the key findings from the noise monitoring efforts translate broadly to a variety of projects. Rita applies these findings to her analysis when considering impacts of a project.

EDUCATION

- B.S., Ecology, San Francisco State University (cum laude)
- B.A., German, San Francisco State University (cum laude)
- A.A., Humanities, Los Rios Community College

SPECIALIZED TRAINING

- Advanced CEQA Workshop, Association of Environmental Professionals (AEP)
- Basic CEQA and NEPA Workshops, AEP
- Restoration Ecology Field Course, San Francisco State University, Spring 2009
- Wetland Delineation Training Program. 40-Hour, fulfilling U.S. Army Corps of Engineers Wetland Delineation Training Requirements, April 2019

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Key Projects

Client Inyo County Department of Public Works
Project Walker Creek Road Bridge Replacement Project (Inyo County, CA)
Role Project Manager

The project involves the construction of a new bridge over the Los Angeles Department of Water and Power's (LADWP) Los Angeles Aqueduct and taking the existing bridge out of service. The approach road to the bridge would be realigned. The project uses Federal Highway Administration funding for the bridge replacement and requires CEQA and NEPA documents. Caltrans (delegated by FHWA) is the NEPA lead agency. Rita is managing the environmental studies and reports that will be used to support the NEPA and CEQA document. She is also managing agency coordination. Rita worked with the County and engineering team to define the project and prepare the Initial Study/Mitigated Negative Declaration under CEQA. The project is within known desert tortoise habitat and cultural resource sensitivity in the area is high. Rita managed the preparation of the IS/MND and all environmental studies. Rita also managed the preparation of a Biological Opinion to support consultation with USFWS. Rita conducted consultation with CDFW and managed the preparation of the application for Incidental Take Permit (desert tortoise and Mohave ground squirrel) from CDFW.

Client Inyo County Department of Public Works
Project Carroll Creek Road Bridge Replacement Project (Inyo County, CA)
Role Project Manager

The project involves installation of a new bridge over the LADWP's Los Angeles Aqueduct and taking the existing bridge out of service. A portion of the approach road would be realigned. The project is funded by the Federal Highway Administration and requires environmental studies to be conducted in coordination with Caltrans, the NEPA lead agency. The project also involves acquiring right-of-way from BLM for the realigned bridge approach roadway. Rita worked with the County and engineering team to define the project and prepare an IS/MND under CEQA. Rita also prepared environmental studies using Caltrans Standard Environmental Reference to support a NEPA Categorical Exclusion.

Client Inyo County Department of Public Works
Project Upper Trona Wildrose Road Scour Repair Project (Inyo County, CA)
Role Project Manager

Rita worked with the County and engineering team to define impacts of severe desert storms on Trona Wildrose Road, north of Panamint Valley Road, which occurred in July 2013. The project is funded by the California Office of Emergency Services and therefore involves strict adherence to funding requirements. This portion of Trona Wildrose Road crosses Death Valley National Park and BLM land. Rita coordinated environmental review, project approval, and construction schedules with NPS and BLM. A challenging aspect of this project was identifying environmental review procedures of each federal agency and preparing a single environmental document that addressed the concerns of all parties. Rita managed biological and cultural subcontractors who conducted pedestrian surveys and prepared report findings. Rita managed the preparation of permit applications to CDFW and the Regional Water Quality Control Board.

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Permits were deemed complete upon first draft thereby expediting the process of receiving permits. The project was successfully constructed in the summer of 2017.

Client Inyo County Department of Public Works
Project Trona Wildrose Road (South of Panamint Valley Road) Emergency Opening and Permanent Restoration Project (Inyo County, CA)
Role Environmental Scientist/Project Manager

The project involves the emergency reopening and permanent restoration of Trona Wildrose Road south of the intersection with Panamint Valley Road. As an Environmental Scientist, Rita worked with the project manager and engineering team to define impacts of severe desert storms on Trona Wildrose Road, which occurred in July 2013. Rita mapped the ephemeral waterways within the project area using aerial imagery and data from biological surveys. Rita drafted the permit notification package for a Streambed Alteration Agreement from CDFW. Rita is the Project Manager for construction support and is managing biological studies and mitigation monitoring to ensure permit compliance throughout road paving and revegetation activities. Support activities include agency and meeting coordination, revegetation plan definition, and consensus building between all parties involved. The project's revegetation phase requires coordination with Inyo County, BLM, and Caltrans.

Client Inyo County Department of Public Works
Project Inyo County Emergency Road Reopenings (Inyo County, CA)
Role Environmental Scientist

Rita worked with the Panorama team project manager to define the project by identifying impacts of the July 2013 desert storms on eight affected Inyo County roads. Impact areas along eight desert roads were mapped using Google Earth imagery. Rita and another staff member prepared permit applications for California Department of Fish and Wildlife and Lahontan Water Quality Control Board. Rita also prepared Caltrans Preliminary Environmental Study (PES) forms for four impacted roads.

Client County of Inyo
Project Lone Pine Roadway Rehabilitation and Bike Lane Project (Inyo County, CA)
Role Project Manager

The Inyo County Public Works Department proposes roadway and pedestrian improvements to 12 streets in the town of Lone Pine, California. Improvements include resurfacing of roadways, adding bike lanes, and installing ADA-compliant pedestrian facilities. Rita prepared the Preliminary Environmental Analysis Report (PEAR) following Caltrans format. The PEAR supports the project's Project Study Report, which is used to initiate a project and identify funding allocations. Rita managed biological surveys to identify potential biological impacts of project construction and prepared a preliminary environmental budget to secure adequate funding. The project was on a fast-track schedule and all work needed to be completed in 1 month.

Client County of Inyo
Project Sunland Drive Culvert Extension Project (Inyo County, CA)
Role Project Manager

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The County had recently widened Sunland Drive to include bike lanes but the new road width was too wide for the existing culvert and edges of the road were in danger of sloughing into the waterway. Rita assisted the County in obtaining a 401 and Waste Discharge Requirements Certification from the Lahontan Regional Water Quality Control Board for a culvert that needed to be extended. Rita consulted with Water Board staff and drafted the permit application. The permit was received within 60 days of Panorama receiving notice to proceed.

Client Plumas County Department of Public Works
Project Spanish Ranch Road Bridge Construction Oversight (Plumas County, CA)
Role Project Manager

The project involves replacing Spanish Ranch Road Bridge, a single-span one-lane bridge over Spanish Creek, with a new, double-span two-lane bridge in the same alignment. The purpose of the project is to improve public safety, address the structurally deficient bridge, and increase creek capacity under the bridge during high-flow events. Rita provided environmental compliance oversight for construction of the bridge. Rita negotiated a 1600 permit amendment to modify the permitted construction detour and managed preparation of an Incidental Take Permit application in one week of observing foothill yellow-legged frog and Sierra Nevada yellow-legged frog during pre-construction surveys. The Incidental Take Permit application was received within 2 months of observing the frogs on site.

Client City of Calexico
Project New River Improvement Project – Calexico Reach Regulatory Compliance (Calexico, CA)
Role Project Manager

Panorama assisted the City of Calexico with obtaining permits from regulatory agencies (CDFW, USACE, Colorado River Basin Regional Water Quality Control Board) for the New River Improvement Project in the City of Calexico. The project involves construction of a trash screen and underground bypass pipeline to remove trash and divert polluted water arriving from Mexico away from residents and future recreational areas within Calexico. The project also includes construction of an underground force main to pump treated wastewater from an existing wastewater treatment plant to discharge at the same location that the polluted water is removed from the channel. The polluted water would be discharged back into the New River channel near the city limit, away from residents and recreational areas. Rita collaborated with City staff to develop a permitting strategy to meet the aggressive construction timeline that is driven by funding from the California Department of Water Resources. Rita managed agency consultation, preparation of permit applications, a wetland delineation update, and completion of protocol burrowing owl surveys. Rita also managed preparation of a draft NEPA Environmental Assessment for USACE evaluation of the project for a 404 Standard Individual Permit. All permits were received within 5 months of submitting permit applications.

Client Alpine County Community Development Department
Project Dixon Mine Road Bridge Replacement Project (Alpine County, CA)
Role Project Manager

The project involves demolition of an existing bridge on Dixon Mine Road and construction of a new bridge in the same location. Rita provided permit compliance and environmental support

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during construction of the project. Rita obtained permit amendments from CDFW, USACE, and the Water Board for a change in project construction procedures that was required due to extremely high water levels in Wolf Creek as a result of a very wet 2018/19 winter. Permits were amended within 4 weeks of receiving a contract and the bridge was constructed in one construction season, despite a delayed start date (late July 2019).

Client **Alpine County Community Development Department**
Project **Hot Springs Road Bridge Replacement Project (Alpine County, CA)**
Role **Project Manager**

The project involves demolition of an existing bridge on Hot Springs Road between the town of Markleeville and Grover Hot Springs State Park. Rita is providing construction compliance support to oversee the implementation of mitigation measures and permit conditions. The bridge will be constructed over two seasons in 2022 and 2023.

Client: **Alpine County Community Development Department**
Project: **Wildfire Hazard Risk Mitigation Plan and IS/MND (Alpine County, CA)**
Role: **Project Manager**

Alpine County received grant funding from CALFIRE to develop a Wildfire Hazard Risk Mitigation Plan. Rita managed subconsultant data collection, fire modeling, and identification of high value resource assets, as well as coordination with the Alpine County Steering Committee during development of the Plan. Rita collaborated with the Steering Committee and subconsultants during preparation of the county-wide Wildfire Risk Mitigation Plan (WRMP), which identified a total of 12 project treatment areas, including three priority projects. Rita coordinated with County staff to develop and implement an outreach program and managed the preparation of a public outreach strategy and meeting materials, including agenda, presentation, posters, and handouts. Rita also managed preparation of an Initial Study/Mitigated Negative Declaration for the WRMP. She conducted tribal consultation and coordinated with technical expert subconsultants to complete biological and cultural resource reviews of the priority project areas. Additionally, Rita prepared a work plan that identified tasks and responsible parties that would be necessary to reach project implementation for three high-priority projects and nine lower priority projects. The WRMP and IS/MND received praise from and were adopted unanimously by the County Board of Supervisors in mid-February 2021. The WRMP was recognized with a merit award from the Association of Environmental Professionals in 2021.

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PANORAMA ENVIRONMENTAL, INC.

JESSICA KOTEEN, SENIOR MANAGER I

Overview of Experience and Expertise

Jessica Koteen has over 24 years of experience as an environmental compliance and regulatory permitting specialist. She has worked with both the private and public sectors on a wide range of projects, including recreation and community master planning, new school construction, wind energy development, and park and trail development. As a project manager, her skills span the California Environmental Quality Act (CEQA), the Montana Environmental Policy Act (MEPA), and the National Environmental Policy Act (NEPA) compliance, interagency coordination, regulatory permitting, and the facilitation of community outreach efforts. Jessica has been working with numerous federally recognized tribes throughout California to manage the NEPA components for a variety of projects on their Reservations, including multiple projects for the Bishop Paiute Tribe in Bishop, CA. She has also assisted in the development of Forest Service Environmental Assessments and Management Plans throughout Montana and Idaho, including assisting the Flathead National Forest with preparation of their Comprehensive River Management Plan, consistent with the statutory direction of the Wild and Scenic Rivers Act of 1968 (Public Law 90-542), that protects and enhances the free flowing conditions, water quality and outstandingly remarkable values (ORV) of the designated Wild and Scenic segments of Flathead River. In addition, she also recently completed the Comprehensive River Recreation Management Plan for the Helena Lewis and Clark National Forest (HLC) Gates of the Mountains Recreation Area and surrounding Missouri River Corridor. The Plan will guide future management decisions and actions within the framework of existing public policy and resource plans.

EDUCATION

- MS, Environmental Economics (Recreation and Instream Flows emphasis), Colorado State University
- BS, Environmental Economics, Colorado State University

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Key Projects

Planning Experience

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute Healthcare Facility, Bishop, Inyo County, California.
Role: Project Manager

This project involved the construction of a new 55,000-square-foot healthcare facility located on the Bishop Paiute Reservation. Jessica managed the Environmental Assessment, prepared in accordance with the Tribal Environmental Policy Ordinance No. 98-20 and the guidelines contained in the BIA NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Agriculture (USDA) Rural Utilities Services (RUS), which thereby made it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations. Jessica ensured that the Environmental Assessment (EA) was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, RUS' Environmental Policies and Procedures, and 40 CFR Parts 1500-1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA.

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute West Line Street Retail Project EA, Inyo County, California.
Role: Project Manager

Jessica prepared an Environmental Assessment to support the construction and operation of a proposed new gas station, convenience store and retail space to be located on the Bishop Paiute Reservation. The EA was prepared in accordance with the Tribal Environmental Policy Ordinance Number (No.) 98-20 (TEPO) and the guidelines contained in the Bureau of Indian Affairs (BIA) National Environmental Policy Act (NEPA) Guidebook (59 IAM 3-H), August 2012. The guidelines are consistent with NEPA implementing regulations (40 Code of Federal Regulations [CFR] 1500–1508). In addition, the Tribe received financing assistance from the U.S. Economic Development Administration (EDA) Grants Program for the proposed action, which thereby makes it a federal action subject to the review under NEPA, the National Historic Preservation Act (NHPA), and all applicable federal environmental laws and regulations. This EA was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, EDA's Environmental Policies and Procedures, and 40 CFR Parts 1500–1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA. The EA also addressed other laws, regulations executive orders, and guidelines promulgated to protect and enhance environmental quality including, but not limited to, the Endangered Species Act, the Farmland Protection Policy Act, the Clean Water Act, and executive orders governing floodplain management, protection of wetlands, and environmental justice.

Client: Bishop Paiute Development Corporation
Project: Bishop Paiute Hotel and Casino Expansion, Inyo County.

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Role: **Project Manager**

This project involved the construction of a new hotel and the expansion of the existing Paiute Palace Casino located on the Bishop Paiute Reservation, within the City of Bishop. Jessica recently completed environmental compliance documentation, which consisted of a CEQA Tribal Environmental Assessment, consistent with the requirements of the State of California Tribal Compact for the development of Gaming Facilities. In addition, Jessica also ensured compliance in accordance with the Tribal Environmental Policy Ordinance No. 98-20 and the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook.

Client: **Coyote Valley Band of Pomo Indians**
Project: **West Fork Russian Riverbank Stabilization Project**
Role: **Project Manager**

Jessica assisted the Coyote Valley Band of Pomo Indians with permitting and CEQA/NEPA compliance to support Bank Stabilization of the West Fork Russian River within the Reservation. The environmental compliance document, which was a joint CEQA/NEPA document, Initial Study/Environmental Assessment (IS/EA), has been prepared for the U.S. Bureau of Indian Affairs (BIA), the United States Environmental Protection Agency (EPA) and the California Department of Fish and Wildlife (CDFW). The Tribe has requested financing assistance from the Water Resources Funding from the BIA, CWA 319 Grant through the EPA, and Tribal Technical Assistance through the Bureau of Reclamation (BOR), which thereby makes it a federal action subject to the review under NEPA, the National Historic Preservation Act (NHPA), and all applicable federal environmental laws and regulations. In addition, a portion of the project is located on non-Reservation land and therefore, compliance with CEQA was required. Jessica is currently assisting the Tribe with ensuring various permit requirements are met during construction.

Client: **Coyote Valley Band of Pomo Indians**
Project: **Wastewater Treatment Facility – Environmental Assessment**
Role: **Project Manager**

This project involved the construction of a new wastewater treatment facility located on the Coyote Valley Band of Pomo Reservation. Jessica recently completed the EA, prepared in accordance with the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Housing and Urban Development (HUD), which thereby made it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations. Jessica ensured that the EA was prepared in accordance with Code 7 of the Federal Regulations (CFR) Part 174, 40 CFR Parts 1500-1508, the regulations promulgated by the Council on Environmental Quality for implementing NEPA.

Client: **Karuk Tribe**
Project: **New Medical/Dental Clinic and Transfer of Land from Fee to Trust, Happy Valley, CA.**
Role: **Project Manager**

The proposed project included the transfer of approximately 5.87 acres from fee to trust, and the construction of an approximately 10,000 square foot clinic new medical and dental clinic. Jessica

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managed and prepared NEPA compliance documents, prepared in accordance with the guidelines contained in the Bureau of Indian Affairs NEPA Guidebook. In addition, the project involved financial assistance from the U.S. Department of Housing and Urban Development (HUD), which thereby makes it a federal action subject to the review under NEPA, NHPA, and all applicable federal environmental laws and regulations.

Client: Pit River Health Services
Project: New Health Care Clinic (Shasta County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of an Environmental Assessment pursuant to the NEPA requirements for the USDA Rural Development grant process. The Pit River Health Services is applying for grant funds for the development of a new Health Care Facility to be constructed adjacent to the current facility, to provide additional services that are currently being referred out of the area.

Client: Robinson Rancheria of Pomo Indians
Project: Fee-to-Trust Application Materials
Role: Project Manager

Jessica recently assisted the Robinson Rancheria of Pomo Indians with fee-to-trust application materials, including a Phase I Environmental Site Assessment and Environmental Report, summarizing the results of preliminary environmental analysis of the transfer of land from fee-to-trust status.

Client: Chicken Ranch Rancheria of Me-Wuk Indians
Project: New Hotel and Casino Project – Tribal Environmental Impact Report
Role: Project Manager

Jessica recently completed the Tribal Environmental Impact Report (EIR) to support the Chicken Ranch Rancheria's new hotel and casino project on the Chicken Ranch Reservation in Tuolumne County, California. The Tribal EIR is being prepared consistent with Section 10.8 of the Tribal-State Class III Gaming Compact between the Tribe and the State of California (Compact), as well as the Chicken Ranch's Tribal Environmental Policy Ordinance. The Tribal EIR is analyzing the potential for off-reservation environmental impacts to occur because of construction and operation of the project. In addition, Jessica secured all applicable environmental permits through the United States Army Corp of Engineers and the United States Environmental Protection Agency.

Client: Quincy Engineering
Project: Forrester Road over Westside Main Canal Bridge Replacement Project (Imperial County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of NEPA and CEQA compliance documents for a bridge replacement in Imperial County. Jessica is managing the preparation of a Categorical Exclusion pursuant to NEPA as well as numerous Caltrans studies and permit applications. In addition, Jessica is managing the IS/MND on behalf of Imperial County.

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Client: Stockton Street Properties, Inc.
Project: 2 Stockton Street (San Francisco, CA)
Role: Project Manager

Jessica was the Project Manager for the preparation of a Categorical Exemption for the addition of two office floor levels and a smaller penthouse office level, including an outdoor terrace, on top of an existing four-story building.

Client: California Public Utility Commission
Project: Gorman – Kern Transmission Line Rating and Remediation Project (Kern and Los Angeles County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of the Mitigated Negative Declaration (MND) for the Gorman-Kern TLRR Project. The project involves replacing poles and conductor along a 65-mile-long section of 66-kV transmission lines and modifying substations in Kern and Los Angeles County. Jessica is managing the application review process, facilitated AB 52 coordination, conducted agency and stakeholder outreach, and managing the preparation of an MND pursuant to CEQA.

Client: California Public Utility Commission
Project: El Dorado-Pisgah-Lugo (EPL) Transmission Line Rating and Remediation Project (San Bernardino County, CA)
Role: Project Manager

Jessica is the Project Manager for the preparation of the Mitigated Negative Declaration (MND) for the EPL TLRR Project. The project involves installation of interset poles and reconductoring along a 200-mile-long section of 66-kV transmission lines and modifying substations in San Bernardino County. Jessica is managing the application review process, facilitated AB 52 coordination, conducted agency and stakeholder outreach, and managing the preparation of an MND pursuant to CEQA.

Client: Southern California Gas Company
Project: Pipeline Safety Enhancement Plan (PSEP) Project
Role: Program Manager

For the Southern California Gas Company, Jessica served as program manager for a team of construction monitors and was responsible for environmental compliance during construction at project sites throughout San Luis Obispo and Santa Barbara counties, the San Joaquin Valley, and Southern California. Additionally, she supported preconstruction planning, managed preconstruction field assessments, and analyzed biological constraints as part of detailed environmental reviews for various project activities including pipeline replacement, hydrostatic testing, and pipeline inspections.

United States Forest Service NEPA/Planning Experience

Client: USFS
Project: Flathead River Comprehensive River Management Plan, Flathead County, Montana.
Role: Regulatory Specialist

Jessica assisted the Flathead National Forest (FNF) with preparation of their Comprehensive

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River Management Plan, consistent with the statutory direction of the Wild and Scenic Rivers Act of 1968 (Public Law 90-542), that protects and enhances the free flowing conditions, water quality and outstandingly remarkable values (ORV) of the designated Wild and Scenic segments of Flathead River. This management plan includes the North Fork, Middle Fork and South Fork of the Flathead River. Jessica assisted with the Recreation Analysis as it relates to the Comprehensive River Management Plan (CRMP) for the Flathead Wild and Scenic River (WSR). The work deliverables included NEPA services to produce a draft and final CRMP, with an associated Environmental Assessment (EA). The CRMP is expected to be land management planning amendment to the Flathead Forest Plan, and corresponding Glacier National Park General Management Plan.

Client: USFS

Project: Gates of the Mountains and Missouri River Corridor Comprehensive River Recreation Management Plan, Lewis and Clark County, Montana.

Role: Regulatory Specialist

Jessica assisted the Helena Lewis and Clark National Forest (HLC) with preparation of their Comprehensive River Recreation Management Plan (CRRMP). The HLC in cooperation with the Bureau of Land Management (BLM) developed a CRRMP for the Gates of the Mountains Recreation Area and surrounding Missouri River Corridor. This plan will guide future management decisions and actions within the framework of existing public policy and resource plans. As one of the primary purposes, recreation is a key management consideration at the Gates of the Mountains river corridor. The work deliverables included a draft and final CRRMP, along with plans for future development.

Client: Whitebark Institute of Interdisciplinary Environmental Sciences

Project: Inyo National Forest Eastern Sierra Climate and Communities Resiliency Project EA

Role: NEPA Specialist

Jessica is currently providing National Environmental Policy Act Services for this project, which includes approximately 10,000 acres of fuel treatments for community protection and forest resiliency in the Inyo National Forest, around the Town of Mammoth Lakes. She is working with Whitebark and has reviewed and provided input into the Proposed Action, scoping process, peer review of environmental documents and providing guidance to the team on the NEPA process.

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PANORAMA ENVIRONMENTAL, INC.

RACHEL DURBEN, ENVIRONMENTAL SCIENTIST II/SENIOR BIOLOGIST

Overview of Experience and Expertise

Rachel is a biologist and environmental planner with over 13 years of experience in interdisciplinary natural resources management and a background in ecology and watershed sciences. Rachel's experience includes project management for National Environmental Policy Act (NEPA) Environmental Assessments (EAs) and Categorical Exclusions (CEs). She has also served as a specialist for California Environmental Quality Act (CEQA) Mitigated Negative Declaration projects. Rachel has worked with a variety of federal, state and regional agencies, including US Forest Service (USFS), National Park Service (NPS), CA State Parks, CA Department of Fish and Wildlife (CDFW), CA Regional Water Quality Control Boards (RWQCB), and non-profit 501(c)(3) organizations throughout California and Nevada. conducting environmental analyses pursuant to California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). Rachel has coordinated and managed numerous watershed restoration projects throughout the Sierra Nevada, from project planning and fundraising through crew supervision, project implementation, data management and reporting. She conducts fieldwork and desktop analyses, manages projects, and acts as the point person for coordination between technical personnel, clients, project managers and other staff.

EDUCATION

- MS, Biology, Northern Arizona University
- BS, Zoology, Northern Arizona University

Key Projects

Planning Experience

Client: Lassen National Forest
Project: Dixie Postfire Recovery and Restoration Project, Sierra Nevada, California.
Role: Deputy Project Manager and Biologist

Rachel is the Deputy Project Manager and Biologist for the LNF's Dixie Postfire Recovery and Restoration Project, a post-wildfire NEPA compliance project with the Lassen National Forest's

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three districts. Rachel coordinates with the LNF's resource specialists to compile and review technical studies and specialist reports, collaborates with the LNF for tribal and public scoping efforts, supports schedule and milestone tracking, and facilitates communication between agency staff, subcontractors, nonprofit partners, and Panorama staff members. Rachel is helping to prepare an Environmental Assessment and all supporting documentation in support of the NEPA process.

Client: Marin Wildfire Prevention Authority
Project: Greater Ross Valley and Greater Novato Shaded Fuel Breaks, Marin County, California.
Role: Grant Support Specialist

Rachel is the Grant Support Specialist for the Marin Wildfire Prevention Authority's (MWPA) shaded fuel break projects across Ross Valley and Novato. Rachel coordinates with the grants team at CALFIRE and the MWPA staff to identify and track project deliverables and expenditures, update and communicate project goals and challenges, and facilitate dialogue and collaboration among project partners and stakeholders. Rachel also works with the MWPA to ensure project implementation is on time and accurately reported, with clear and timely communication from subcontractors and field staff. In addition to grant oversight, Rachel also conducts desktop biological analyses for fuel reduction projects with the MWPA and partner agencies throughout Marin County.

Client: Plumas National Forest
Project: Community Protection Project, West Slope Communities, Sierra Nevada, CA
Role: Project Manager

Rachel served as project manager for the development of an EA, various technical reports (including reports for Wildlife, Botany, Archaeological Resources, Hydrology, and Management Indicator Species), and a biological assessment (BA) in compliance with Section 7 of the ESA for the West Slope Community Protection Project in the Plumas National Forest, California. Rachel managed project schedules, budget and deliverables, coordinated meetings, and served as the point of contact for agency staff, specialists and project partners.

Client: Santa Clara Water District (Valley Water)
Project: Wildfire Risk Assessment, Santa Clara County, CA
Role: Deputy Project Manager

Rachel is the Deputy Project Manager for Valley Water's Wildfire Risk Assessment project, which involves analyzing, prioritizing, and coordinating High Value Resource Assets (HVRAs) on Valley Water properties. Rachel collaborates with Valley Water staff and subcontractors to evaluate data gaps, acquire detailed HVRA information, coordinate workshops and meetings, and prepare technical memoranda and reports. The final risk assessment will allow Valley Water to identify and prioritize wildfire treatment areas and approaches, prepare for environmental permitting and compliance requirements, and communicate with stakeholders regarding wildfire risks and mitigations.

Client: California Public Utility Commission
Project: El Dorado-Pisgah-Lugo (EPL) Transmission Line Rating and Remediation Project (San Bernardino County, CA)
Role: Biologist

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Rachel is the Biologist, for the preparation of the Mitigated Negative Declaration (MND) for the EPL TLRR Project. The project involves installation of interset poles and reconductoring along a 200-mile-long section of 66-kV transmission lines and modifying substations in San Bernardino County. Rachel is the author of sections for biological resources, hydrology, and geology and soils, for the preparation of an MND pursuant to CEQA.

Client: **Lassen National Forest**
Project: **Logan Springs Meadow Restoration, Sierra Nevada, CA**
Role: **Project Manager**

Rachel served as project manager for the development of specialist reports and NEPA documentation for the Logan Springs Meadow Restoration Project, in partnership with the Great Basin Institute. Rachel managed project schedules, budget and deliverables, coordinated meetings, reviewed specialist reports and served as point of contact for agency staff, specialists and project partners. Rachel's leadership and communication ensured successful completion of a Decision Notice for a Categorical Exclusion for NEPA, which allowed restoration work to begin in 2023.

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PANORAMA ENVIRONMENTAL, INC.

RUSSELL KOKX, ENVIRONMENTAL SCIENTIST II/BIOLOGIST

Overview of Experience and Expertise

Russell has over 25 years of professional experience in environmental consulting. He has accumulated a broad base of experience in conducting wildlife, botanical surveys, wetland delineations, and construction monitoring. With the recent increase in renewable energy sources development, Russell has been implementing numerous protocol level avian point count surveys, desert tortoise, and rare plant surveys in the desert and central valley environments. These surveys include supplemental golden eagle, spotted owl, and Swainson's hawk nest surveys.

EDUCATION

- B.A., Environmental Biology, California State University-Fresno

SPECIALIZED TRAINING

- Wetland Delineations, Wetland Training Institute
- Identification of Bryophytes, Humboldt State University
- Identification of Higher Fungi, San Francisco State University

AREAS OF EXPERTISE

- Avian Surveys
- Biological Compliance
- Endangered Species Surveys
- Botanical Surveys
- Wildlife Surveys
- Wetland Delineations
- Construction Monitoring
- Restoration

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Key Projects

Wildlife Surveys and Monitoring

Client: Epsilon Solution Systems Inc.
Project: Inyo National Forest Pole Replacement Projects (Inyo, Mono, Kern and San Bernardino Counties)
Role: Biologist

Russell conducted Desert Tortoise surveys for China Lake Naval Air Weapons Station, provided nesting bird/biological surveys and monitoring for Southern California Edison's deteriorated pole replacement and upgrades on the Inyo National forest pole replacement projects.

Client: Phoenix Biological Consulting
Project: Barren Ridge Renewable Transmission Project (Kern and Los Angeles counties, CA)
Role: Agency Designated Biologist

Russell performed desert tortoise surveys and monitoring as a California State department of Fish and Wildlife approved designated tortoise biologist. Conducted protocol level spotted owl, and Swainson's hawk surveys for the Los Angeles Department of Water and Power's Barren Ridge Renewable Transmission Project in the Western Mojave and Angeles National Forest.

Client: Ironwood Consulting/Corvus
Project: Desert Sunlight/Quartzsite/Abengoa Projects (Riverside and San Bernardino counties, CA)
Role: Biologist

Russell conducted desert tortoise surveys, burrowing owl surveys, avian point counts, nesting bird and golden eagle surveys. Mitigation Banking habitat, rare species surveys and assessments were conducted with an emphasis on desert tortoise, bighorn sheep, burrow deer, and American badger.

Client: Keene Biological Consulting
Project: SCE Operations and Maintenance (Inyo, Mono, Los Angeles, and Kern counties, CA)
Role: Biologist

Russell provide ongoing consulting services to Southern California Edison for their deteriorated pole replacement and Operation & Maintenance program. He conducted biological surveys and monitoring for listed species including: desert tortoise, burrowing owl, nesting birds and all special status plant and wildlife species associated with Inyo, Mono, Los Angeles, and Kern, Counties project areas.

Client: McCormick Biological Consulting
Project: Panoche Valley Solar (Kings and Fresno counties, CA)
Role: Biologist

Russell carried out various survey for Kern, Kings, and Fresno Counties and Panoche Valley Solar which include: blunt-nosed leopard lizard, rare plants, golden eagle, and giant kangaroo rat surveys.

Client: Clark Biological Consulting

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Project: **Mormon Mesa, Ivanpah Solar, Soda Mountain Solar, and Abengoa Solar Projects (San Bernardino County, CA)**

Role: **Biologist**

Russell managed plant surveys for solar projects such as Mormon Mesa, Ivanpah Solar, Soda and Mountain Solar. He conducted avian point counts and construction compliance for the Abengoa Solar project.

Client: **Ecorp Inc.**

Project: **Southern California Edison Tehachapi Renewable Transmission Projects (Kern and San Bernardino counties, CA)**

Role: **Biology Consultant**

Russell conducted Swainson's hawk surveys and nest monitoring along the project segments 1, 2, 3A/B, 4, 5, 6, 9 10 and 11. He also performed Desert tortoise, nesting bird surveys, plant restoration surveys, nesting bird surveys and biological monitoring for SCE transmission lines.

Client: **Kiva Biological Consulting**

Project: **Fort Irwin Expansion (San Bernardino County, CA)**

Role: **Biologist**

Russell surveyed for Desert tortoise, mapped tortoise burrows sign, classified remains and affixed transmitters to tortoise for the proposed Fort Irwin expansion. He established study plots using GPS, marked and recaptured Desert Tortoise on various sites to determine population densities. Russell also quantified Desert tortoise foraging vegetation samples. He assisted with radio telemetry surveys for Desert Tortoise and conducted vegetation sampling for a proposed low level radioactive deposit site.

Client: **C.S. Ecological Surveys and Assessments/Panorama Environmental Inc.**

Project: **Inyo County Projects/Roads and Bridges (Inyo County, CA)**

Role: **Biology Consultant**

Russell performed rare plant surveys, desert tortoise surveys, and special status wildlife assessments.

Client: **Tetra Tech**

Project: **Granite Mountain Wind/ Western Wind Energy Corporation (San Bernardino County, CA)**

Role: **Biologist**

Russell provided avian Point counts, raptor migration surveys, golden eagle, surveys and golden eagle nest monitoring for a proposed wind generating projects in California and Arizona.

Client: **Boerboom Natural Resource Services**

Project: **Conoco Phillips (San Luis Obispo County, CA)**

Role: **Biologist**

Russell conducted surveys for Red-legged Frogs according to 2004 protocol, surveyed and mapped listed wildlife and Botanical species occurring in San Luis Obispo County. He monitored steelhead trout populations during construction at Cuesta Creek and administered environmental training to construction crews. Russell also conducted biological assessments for private developments San Luis Obispo County.

Client: **Chambers Group**

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Project: **Southern California Gas (Los Angeles County, CA)**
Role: **Wildlife Consultant**

Russell assisted in wildlife/botanical surveys for listed species (including nesting bird surveys) on Tejon Ranch for a proposed natural gas pipeline.

Project: **PG&E Generating La Paloma (Los Angeles County, CA)**
Role: **Designated Biologist CWESA/Toyon Environmental Consulting**

As the agency-approved biologist, Russell implemented and performed all initial and ongoing surveys for listed species including blunt-nosed leopard lizards, San Joaquin kit fox, Tipton and giant kangaroo rats. He enforced Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) mitigation measures, environmental awareness training, translocation of small mammals and sensitive species, hired and trained biology field staff, and coordinated with all on site contractors.

Client: **Bill Van Herwig Biological Consulting**
Project: **Southern California Edison 230 kV transmission Line Project (Kern and Los Angeles counties, CA)**
Role: **Botanist**

Russell performed habitat assessment and surveys for target plants species for a proposed transmission line for Southern California Edison.

Client: **Utah Department of Natural Resources**
Project: **Osprey Banding Project (Daggett County, UT)**
Role: **Wildlife Biologist**

Located, weighed, estimated ages and banded osprey chicks via Technical climbing for an on going study, flaming Gorge Utah.

Client: **Woodward Clyde**
Project: **Santa Fe Pipeline (Kern and Los Angeles counties, CA)**
Role: **Biologist**

Russell conducted surveys for listed species and evaluated habitat using c.h.i.e.f. (Cumulative Human Impact Evaluation Forms) protocol in the southern San Joaquin Valley, western Mojave Desert and the Tehachapi Mountains for the proposed construction of a natural gas pipeline.

Client: **Fresno County**
Projects: **UC Academy (Fresno County, CA) UC Merced would ultimately be chosen.**
Role: **Biologist**

Russell located and mapped vernal pools and evaluated wetland habitat for sensitive species on proposed University of California Campus alternate site in Fresno County.

Client: **State of California in association with CAL Trans.**
Project: **The Endangered Species Recovery Program (Inyo County, CA)**
Role: **Botany Consultant**

Russell directed rare plant surveys and botanical inventories for a proposed Cal Trans Highway 395 expansion in Owens Valley.

Client: **Department of Forestry, Pacific Southwest Research Station**
Projects: **Spotted Owl Spatial Distribution and Nesting Habitat (Kern, Tulare, Fresno, Madera, and Mariposa counties, CA)**
Role: **Wildlife Biologist**

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Russell called, located, captured, and banded spotted owls on the Sierra and Sequoia National forests. He mapped vegetation for potential nesting Habitat and evaluated prey from pellet remains.

Wetlands Delineation Projects

Client: John Stebbins and Associates
Project: SCE deteriorated pole program, PG&E nuclear energy Facility, CAL Trans (various counties, CA)
Role: Botanist

As the lead botanist, Russell assessed habitat for sensitive plant communities and rare plants and conducted a complete botanical inventory of the coastal plant communities for a proposed public access in Diablo Canyon, San Bernardino County. He delineated wetlands for a planned expansion of a San Mateo County substation. Additional project experience includes surveys for rare plants, culturally sensitive species and noxious weeds in San Luis Obispo, San Mateo, San Francisco, Plumas, Madera, Fresno, and Kern counties. Russell also performed ongoing biological pre activity surveys for sensitive wildlife and plants and monitoring for Power pole replacement and maintenance in Mono, Inyo, Tulare, Kern, and Fresno counties.

Client: URS/Calpine
Project: Pastoria Energy Facility at Tejon Ranch (Los Angeles County, CA)
Role: Designated Biologist

As the Agency-approved designated Biologist for construction of the Pastoria Energy Facility, Russell conducted all biological related surveys and pre-construction surveys, enforced the Biological Resources Mitigation Implementation and Monitoring Plan, hired staff and developed an Environmental Awareness Training Program. He wrote the biological assessment and performed the wetland delineation for re-routes of the gas pipeline. Russell enforced Storm Water Pollution Prevention Plan and all stream alteration agreements. He designed native seed mix and re-vegetation plan for habitat reclamation.

Client: Caltrans/California State University Fresno Foundations
Project: Route 205 Expansion (San Joaquin County, CA)
Role: Biologist

Russell conducted wetland delineations and surveys for listed species surveys on Route 205 expansion.

Client: California State University Fresno Foundations
Project: Cal Trans Highway 49 expansion (San Joaquin County, CA)
Role: Wetland delineator

Russell delineated wetlands and mapped sensitive plant species within the CalTrans right of way on Highway 49; Mariposa County.

Client: Woodward Clyde
Project: Mojave Pipeline Project (CA)
Role: Associate Project Scientist

Russell performed wetland delineations at all riparian and stream crossings, vernal pools and swales from Tulare County to San Francisco County for a proposed natural gas line. Directed field technicians on transect surveys for all listed species including: Red-legged Frogs, Tiger

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Salamanders and Fairy Shrimp, mapped all resources and collected and identified Vernal Pool Target Species.

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PANORAMA ENVIRONMENTAL, INC.

CAITLIN GILLERAN, SENIOR PROJECT MANAGER I/NOISE SPECIALIST

Overview of Experience and Expertise

Caitlin has over 13 years of environmental planning, project management, and technical analysis experience. Caitlin leads projects through the CEQA and NEPA process with technical expertise in addition to a keen understanding of environmental regulations and resources. She has prepared or managed numerous environmental documents and supporting technical reports, ranging from small addendums to large programmatic EIRs and EISs. Caitlin has managed several projects that involved review of the designs for environmental constraints, refinement of project details, coordination of multiple technical studies and deliverables, preparation of the CEQA and NEPA documents, direct coordination with the client and agencies, and performance of all administrative tasks associated with managing the schedule and budget. In her work, Caitlin has analyzed the effects of a wide array of development, resource management, transportation, wetland mitigation, fuel and vegetation management, and infrastructure projects. Caitlin is especially effective at coordination with and assisting a client to define the technical project elements required for a robust environmental analysis. She has managed project deliverables and technical subconsultants to meet tight deadlines and budgets.

Technical expertise includes calculating air quality and greenhouse gas emissions of complex projects using CalEEMod or spreadsheets with the latest EMFAC emission rates and analyzing the results. She is also competent at noise modeling and well versed in the nuances of traffic technical documents.

EDUCATION

- B.S., Environmental Management and Protection, Emphasis in Science and City and Regional Planning, California Polytechnic State University San Luis Obispo

SPECIALIZED TRAINING

- CalEEMod 2020.4.0
- AERMOD Training Course
- Annual Advanced CEQA Workshops
- CEQA Caselaw Updates

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Key Projects

Client Inyo County Department of Public Works
Project Sabrina Road Bridge Replacement Project (Inyo County, CA)
Time: 2015 to 2016
Role: Environmental Planner

The Sabrina Road Bridge was replaced, resulting in temporary and permanent impacts to CDFW jurisdictional riparian habitat. In accordance to the Streambed Alteration Agreement, revegetation activities were conducted in 2013. The site was not meeting revegetation targets and additional revegetation has been necessary. Caitlin coordinated with the biologist to conduct a site visit in mid-2016. She assisted the biologist in preparing an easy to understand, robust Site Characterization Report detailing survivorship from the 2013 replanting, the 2016 survey results, and 2016 replanting efforts. In coordination with the biologist and consultation with CDFW, Caitlin prepared the 2016 Riparian Mitigation Plan, which updated the 2012 Riparian Mitigation Plan. She coordinated the timing for the 2016 revegetation efforts, in compliance with the 2016 Riparian Mitigation Plan. She prepared the initial draft of the Fourth Annual Monitoring Report summarizing the status of the site, which was submitted to CDFW for review and approval.

Client Inyo County Department of Public Works
Project Trona-Wildrose Road (Lower Trona) Storm Damage Repair Project (Inyo County, CA)
Time: 2015 to 2016
Role: Environmental Planner

Emergency repairs were conducted on Trona-Wildrose Road in 2014, during which time a temporary haul road was graded parallel to the road. Permanent restoration of the road and the temporary haul road, excluding CDFW jurisdictional areas, occurred in 2016. Caitlin worked with the biologist to prepare the Nesting Bird Plan. She coordinated with CDFW to get the Nesting Bird Plan and the Designated Biologists approved prior to construction. She prepared the Training Program and Construction Guide which were reviewed and approved by the County. After construction was completed, she prepared the Post-Construction Report which was sent to and approved by CDFW.

Client: Inyo County Public Works Department
Project: Walker Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA)
Time: 2015 to 2019
Role: Environmental Planner

The proposed project would install a new bridge over the Los Angeles Aqueduct, close the existing bridge to public vehicular traffic, and realign Walker Creek Road as it approaches the bridge in either direction. The proposed project will use Federal Highway Administration (FHWA) funding for the bridge replacement and requires CEQA and NEPA documentation. Caltrans (delegated by FHWA) is the NEPA lead agency. Caitlin prepared a draft IS/MND and finalized the Biological Assessment, which focused on Mojave desert tortoise due to presence of habitat, for submittal to USFWS through Caltrans. Caitlin maintained communication with the

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engineering team and the County to update the project description and analysis based on engineering changes as well as ensure that project deadlines were met. She monitored the budget of the project to ensure all appropriate documentation can be completed as scoped.

Client **Inyo County Department of Public Works**
Project **Carroll Creek Road Bridge Replacement Project IS/MND and CE (Inyo County, CA)**
Time: **2015 to 2019**
Role: **Environmental Planner**

The proposed project would install a new bridge over the Los Angeles Aqueduct, close the existing bridge to public vehicular traffic, and realign Walker Creek Road as it approaches the bridge in either direction. The proposed project will use FHWA funding for the bridge replacement and requires CEQA and NEPA documentation. Caltrans (delegated by FHWA) is the NEPA lead agency. Caitlin conducted technical resource analyses for the draft IS/MND including biological resources and air quality.

Client: **Mono County**
Project: **Howard Avenue/Bruce Street Residential Project GHG Technical Report (Mono County, CA)**
Time: **2019**
Role: **Environmental Planner**

The proposed project would involve construction of five separate residential structures totaling 4,000 square feet. Caitlin conducted the GHG emission calculations and prepared the technical impact report.

Client: **Mono County**
Project: **County Line IS/MND (Mono County, CA)**
Time: **2019 to Present**
Role: **Environmental Planner**

The proposed project would involve approval of a Commercial Cannabis Activity Use Permit, and construction and operation of a cannabis cultivation, processing and distribution facility on a 160-acre parcel. Caitlin conducted a consistency review of the project description and prepared the air quality and GHG calculations for the project.

Client: **Housing Authority of City of San Buenaventura**
Project: **San Buenaventura Housing Authority Westview Village IS/MND (Ventura County, CA)**
Time: **2015**
Role: **Project Planner**

The proposed project would include demolition of the existing affordable housing buildings (180 units) and community building and would construct 46 new buildings (320 units), a community building, and three community use rooms. The existing Housing Authority office would be refurbished. Caitlin prepared the air quality and greenhouse gas technical calculations for this project and the air quality and greenhouse gas emissions analysis within the IS/MND.

Client: **City of Yorba Linda**

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Project: **Savi Ranch II Project Air Quality and Greenhouse Gas Report (Los Angeles County, CA)**
Time: **2015**
Role: **Project Planner**

The proposed project would construct two 3-story multi-family unit buildings for a total of 54 units and a 4,317-square-foot single-story building which would accommodate a preschool, a tech learning center, and a playground. Caitlin prepared the air quality and greenhouse gas technical calculations for this project. Additionally, she wrote the Air Quality and Greenhouse Gas Report which included an analysis of the calculations.

Client: **ASHUSA and Coso Operating Company**
Project: **Mordor 1 and Mordor 2 Battery Energy Storage System Environmental Documentation to Support the Sundry Notice (Inyo County, CA)**
Time: **2023**
Role: **Senior Project Manager**

A 25 megawatt BESS and 20 MW BESS and associated new substations would be installed as part of this project. The 25 MW BESS would interconnect with an existing 115kV transmission line for delivery into the SCE power grid. The 20 MW BESS would interconnect with the existing BLM-West Substation. Caitlin conducted an environmental review and detailed biological resources analysis memorandum to support the sundry notice. She reviewed the cultural resources memorandum and coordinated with the specialist to finalize recommendations.

Client: **Middle River Power and Coso Operating Company**
Project: **Coso Battery Energy Storage System Environmental Documentation to Support the Sundry Notice (Inyo County, CA)**
Time: **2021**
Role: **Environmental Scientist**

This project involves installation of a 50 megawatt BESS and an underground and overhead distribution line to connect the BESS to the BLM-West Substation. Caitlin prepared the environmental review and biological resources memorandum to support the sundry notice.

Client: **Bureau of Land Management**
Project: **Relicensing of the Coso BLM East and West Geothermal Power Plants Categorical Exclusion (Inyo County, CA)**
Time: **2018**
Role: **Environmental Scientist**

The project involves renewal of the two expiring site licenses that allow the lessee to utilize the produced geothermal fluid. No modifications or new surface disturbance would occur. Each license permitted operation and maintenance of two 48-MW power plants operating at BLM East and BLM West. Caitlin conducted the analysis and research to prepare the Categorical Exclusion.

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PANORAMA ENVIRONMENTAL, INC.

Elizabeth McCullough, Environmental Scientist I/ISA certified arborist

Overview of Experience and Expertise

Elizabeth has served with Panorama since August 2021 and has 11 years of experience in the environmental field. Elizabeth is an ISA certified arborist. She has 7 years of experience in the forestry field and 4 years of experience working in the arboriculture field as an ISA certified arborist. Elizabeth has worked as an arborist for the ACRT a contractor of Pacific Gas and Electric. She can identify electrical equipment and at risk trees near powerlines. Elizabeth has done several tree inventories; tree protection plans and tree appraisals for the San Fransisco Utilities District (SFPUC). She has worked on projects that have had tree fungal infections, insect infestations, and difficult project parameters. Elizabeth has a strong understanding of arboriculture, forestry, vegetation management, wildfire resiliency, road construction and construction compliance monitoring. As an environmental planner, she has worked her expertise to write and design vegetation treatment areas for fuel reduction projects.

EDUCATION

- B.S., Environmental Science Technology and Policy, California State University Monterey Bay

SPECIALIZED TRAINING

- ISA Certified Arborist, WE-13197A
- Cal Fire: Certified Cultural Resources Surveyor. Class 168
- ATV Instituite Certification
- Pacific Gas and Electric (PG&E): Pre Inspector, Vegetation Management training

Key Projects

Client: PG&E

Project: Defined Scope, Routine Vegetation Management in the San Jose Division (Santa Clara and Alameda Counties)

Role: Arborist

Elizabeth worked as an arborist in PG&E's San Jose Division vegetation department. Elizabeth conducted vegetation clearance inspections of powerlines and identified trees to be trimmed to meet vegetation clearance requirements. She used her knowledge of arboriculture to identify urban tress and determine growth rates. Elizabeth was a part of a team that completed the annual vegetation management inspection of the power lines. The San Jose Division ranges from Livermore to Gilroy. Elizabeth has surveyed powerlines in Gilroy, Morgan Hill, San Jose,

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Campbell and Milpitas.

Client: SFPUC
Project: College Hill Reservoir Project
Role: Arborist and lead environmental compliance inspector

Elizabeth completed a tree inventory and tree protection plan for the College Hill Reservoir Project. The project involved installing a new pipeline and upgrading valves and equipment leading into the reservoir. Elizabeth inventoried 85 trees and identified over 40 tree species. She recorded the species and GPS location of each tree. She wrote a tree protection plan that listed protection measures for the trees that had been identified have the potential impacts.

Client: SFPUC
Project: Bay Corridor Transmission and Distribution Phase 4 and Water Improvements Project
Role: Arborist

Elizabeth completed a tree inventory and tree appraisal for trees in the project area. The project involved excavating a trench to burry transmission lines and improving water resources within the area. Trees within the project area were severely damaged and infected with Magnolia Canker Disease. The project originally required digging within the trees critical root zone. Elizabeth gave the project team recommendations to realign the project alignment to avoid impacts to the trees.

Client: Marin Wildfire Protection Authority
Project: Novato Zone Valley Memorial Park Eucalyptus Removal Project
Role: Arborist

Elizabeth conducted a tree inventory for over 1,000 trees for this project. This project included tree removal within a drainage near the valley memorial park for wildfire removal and protection purposes. Elizabeth discovered that trees within the project area were infected with heart rot and scale insects. Elizabeth gave recommendations to the client on how to trim the trees for fire resiliency, how to mitigate tree diseases and insects.

Client: Stanford University
Project: Jasper Ridge and Horse Park Vegetation Management
Role: Environmental Planner

The project involved developing forest fuel treatment strategies for the conservation property owned by Stanford University. Elizabeth assisted the project forester in the design of the treatment units for fuel reduction and vegetation management. Elizabeth identified areas of the project that were accessible to equipment and areas that would benefit from fuel treatments based on vegetation management requirements.

Client: Vallejo Flood and Wastewater District
Project: Austin Creek Stormwater Trash Capture Project
Role: Environmental Planner

The project involved installing trash containment structures in front of a culvert. Elizabeth conducted a tree survey, which identified trees that needed to be removed during construction. She identified the tree species and measured the trees at the diameter by breast height.

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Client: San Mateo Resource Conservation District
Project: El Granada Wildfire Resiliency Scoping Project
Role: Environmental Planner

The project involved assessing the El Granada for wildfire risk and coming up with solutions to make the community more wildfire resilient. Elizabeth was a part of a team that conducted the field work for this project. Elizabeth participated the field assessment for the project where fire risk and potential vegetation fuel treatment strategies were analyzed. She helped developed potential project actions for the project that were reviewed by the client and partnering agencies. Elizabeth drafted portions of the final project document.

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PANORAMA ENVIRONMENTAL, INC.

CAITLIN JENSEN, GIS MANAGER – STRATEGIC INITIATIVES

Overview of Experience and Expertise

Caitlin is a Geographic Information Systems (GIS) Specialist with over 10 years of experience, holding a Master of Science degree in geographic information science and a Bachelor of Science degree in biology. Her combination of education and professional experience has provided her with a skill set based in geospatial analysis, conservation planning, database management, field data collection using GIS mobile apps, and cartographic design. Caitlin has technical skills in Python and SQL and has developed expertise in using R to expedite data management tasks and optimize GIS data processing. Caitlin has extensive experience with the geospatial datasets illustrating the various resource topics required by the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA). In addition to her skills around managing spatial data and developing figures supporting CEQA analyses, she has also recently started to expand her knowledge of environmental planning by completing CEQA coursework and learning how to write sections focused on biological resources.

EDUCATION

- M.S. Geographic Information Science, San Francisco State University
- B.S. Biology, Boston College

AFFILIATIONS

- Society for Conservation GIS

SPECIALIZED TRAINING

- CEQA: A Step-by-Step Approach Course, UC Extension, 2022

Key Projects

Client: Great Basin Institute
Project: Eldorado National Forest Hazard Tree Mitigation Project
Role: GIS Manager

The project involves removing hazardous trees along U.S. Forest Services roads throughout Eldorado National Forest. Caitlin was responsible for overall geospatial data management and supported resource specialists by conducting geospatial analysis of relevant resource data and maintaining detailed metadata for analytical outputs. She also developed custom map-book templates to standardize cartographic products and streamline map production.

Client: Great Basin Institute
Project: Lassen National Forest Dixie Fire Community Protection Project

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Role: **GIS Manager**

Caitlin provides GIS support in the form of geospatial data management and conducting geospatial analysis of relevant resource data as requested by resource specialists on the project's technical team. She is responsible for tracking all incoming and outgoing data in a GIS inventory, supporting the Project Manager with data interactivity using various tools hosted on the ArcGIS Online platform, and preparing all cartographic deliverables for the project. She developed custom map-book templates to standardize cartographic products and streamline map production.

Client: **Quincy Engineering**
Project: **Hot Springs Road Reconstruction Project**
Role: **GIS Manager**

The project involves reconstructing Hot Springs Road, west of Markleeville in Alpine County, California, near State Route 89. The purpose of the Project is to improve pavement conditions, construct paved shoulders and bike lanes, and increase safety for drivers and bicyclists. Caitlin was responsible for managing all incoming and outcoming spatial data, quantifying impacts to surrounding habitats, and developing cartographic products showing wetland delineation and revegetation plan.

Client: **Clearway Energy, LLC**
Project: **Various solar siting projects**
Role: **GIS Manager**

Caitlin has led mapping efforts for several cumulative impact assessments for potential solar development in southern California and Nevada. She helped identify potential focus areas where solar development could be feasible. Caitlin organized geospatial project and constraints data for various sites in a geodatabase and performed post-processing tasks to prepare data deliverables to share with the client. Caitlin also configured web maps in ArcGIS Online which facilitated field data collection for visual surveys.

Client: **California Public Utilities Commission**
Project: **Gorman – Kern Transmission Line Rating and Remediation Project (Kern and Los Angeles County, CA)**
Role: **GIS Manager**

The project involves replacing poles and conductor along a 65-mile-long section of 66-kV transmission lines and modifying substations in Kern and Los Angeles County in an effort to remediate identified clearance discrepancies and address reliability concerns. Caitlin provides GIS support for the project's technical team, researched potential resource considerations, managed the project geodatabase, and compiled geospatial data for all resource topics considered in CEQA.

Client: **Arevia Power**
Project: **Multiple**
Role: **GIS Manager**

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Caitlin provides ongoing GIS support for Arevia's technical team and prepares maps and graphics illustrating land management information and various development constraints posed by biological, cultural, recreational, visual, and other resources. Caitlin has organized and maintained a geodatabase for existing and proposed Arevia renewable energy project data, as well as a web application that allows Arevia staff to view project footprints alongside relevant datasets such as existing power utilities, environmental resources, the Inflation Reduction Act (IRA), and datasets from the BLM. Caitlin also configured web maps in ArcGIS Online which facilitated field data collection using the ArcGIS Field Maps application.

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Peter A. Carey, M.A., RPA

Principal Investigator/Project Manager

Total Years of Experience: 15

Education:

M.A.	2013/Anthropology/University of Nevada, Reno
B.S.	2008/Anthropology, Option: Cultural Resource Management /California State Polytechnic University, Pomona

Registrations:

2013	Register of Professional Archaeologists

Professional Profile:

Mr. Carey has 15 years of experience in all manners of professional archaeology in California and the Great Basin. He earned his B.S. degree in Anthropology with a Cultural Resource Management option from California State Polytechnic University, Pomona in 2008, and received a M.A. in Anthropology with a concentration in Prehistoric Archaeology at the University of Nevada, Reno in 2013. His interests focus on prehistoric lithic procurement and technology, and Paleoindian archaeology. He has been involved in numerous survey, testing, and data recovery projects in California, Arizona, Nevada, and Oregon. Projects Mr. Carey has been involved with have taken place in Contra Costa, Imperial, Kern, Kings, Fresno, Mendocino, Lake, Los Angeles, Inyo, Mono, San Bernardino, Tulare, and Ventura counties, California; Yuma County, Arizona; Churchill, Clark, Douglas, Humboldt, and Lyon counties, Nevada; and Lake County, Oregon. Mr. Carey serves ASM as a Director, Central Valley.

Select Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Crew Chief
CLIENT: Bureau of Land Management
Directed crews in pedestrian survey, identification of cultural resources, and site recordation in the Bodie Hills prior to a fuel reduction project. Responsible for preparation of DPR forms for archaeological sites and preparation of technical report.

Cultural Resources Survey in Mammoth Lakes, Mono County, CA
Field Archaeologist
CLIENT: Bureau of Land Management
Involved in pedestrian survey and site recordation in the Mammoth Lakes and June Lake area in the Inyo National Forest. Responsible for the identification and documentation of archaeological resources in the area.

Archaeological Survey for the Airport Road Rehabilitation Project, Mammoth Lakes, Mono County, CA
Project Archaeologist
CLIENT: Mono County Department of Public Works
Conducted an ASR and XPI for a road rehabilitation project near the Mammoth Yosemite Airport for compliance NHPA and NEPA. Completed research and review of records from the EIC, USFS, and NAHC. Completed an intensive pedestrian survey, and prepared a final ASR report presenting the results of the cultural resources identification efforts. Following acceptance of the ASR, ASM was further requested by Caltrans to conduct an Extended Phase One Investigation (XPI) of the project APE, for resource subsurface potential. ASM excavated 10 shovel test pits within the APE. Results of the XPI and a finding of effect for the project for compliance with Section 106 of the NHPA was provided in the Draft and Final XPI report.

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Class III Inventory/Phase I Survey for the Groundwater Banking and Conveyance Improvement Project, Kern County, CA
Principal Investigator
CLIENT: Rosedale-Rio Bravo Water Storage District
Responsible for development of work plan and supervision of crew chiefs for survey groundwater recharge basins and water improvement locations. Responsible interpretation of results and technical reporting.

Monitoring for the Lake Isabella Dam Safety Modification Project, Kern County, CA
Secretary of the Interior Qualified Archaeological Monitor
CLIENT: Flatiron-Dragados-Sukut
Responsible for identifying cultural materials that may be discovered during project activities in areas predetermined by the USACE to be sensitive; and marking sites designated by USACE to be avoided.

NRHP Eligibility Evaluation of Site 05-13-54-830 Project, Kern County, CA
Principal Investigator
CLIENT: Landology, Inc.
Responsible for organizing a field plan coordinated with USACE through Landology to evaluate a multicomponent prehistoric/historic site impacted by unmonitored revegetation activities in order to determine if the site was eligible for inclusion in the NRHP and whether an adverse effect had occurred to a historic property. Conducted site recordation and limited test excavation, including augering and 50x50-cm test units. Also responsible for completing a technical report for submittal to USACE.

Class III Inventory/Phase I Survey for the Ricardo Complex, Kern County, CA
Principal Investigator
CLIENT: Department of Parks and Recreation, Tehachapi District
Responsible for organizing crew and fieldwork logistics for survey approximately 450-acres within Red Rock Canyon State Park. Responsible for updating previously recorded sites within the 450-acre survey area and identifying and recording any previously unrecorded sites.

Phase I Survey for the Hungry Valley State Vehicular Recreation Area New Acquisition, Kern County, CA
Field Director
CLIENT: California State Parks
Responsible for organizing and supervising multiple crews in field survey, site recordation, and site updates for approximately 1,500 acres newly acquired by California State Parks for the Hungry Valley SVRA. Also involved in writing of the technical report.

Phase I Survey/Class III Inventory for the Buena Vista Water Storage District Northern Pipeline Project, Kern County, CA
Field Director
CLIENT: South Valley Water Banking Authority
Directed a survey along approximately 25 miles of existing canals for the installation of pipelines. Assisted in evaluating the eligibility of the historic canals for the NRHP. Also involved in writing of the technical report.

Cultural Resource Survey for the E&B Cuccia 87x Well Pad Project, Kern County, CA
Field Director
CLIENT: E&B Natural Resources
Directed a 2-acre survey of an existing well pad to identify cultural resources that may be adversely affected by future production.

Class III Inventory for the Nixon Pipeline Project, Kern County, CA
Field Director
CLIENT: Holmes Western Oil Corporation
Responsible for organizing and conducting fieldwork for a linear survey area in an active oil field. Also involved in writing of a negative survey letter report.

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Shannon Davis, M.A., RPH

Project Manager/Sr. Architectural Historian/Historian

Total Years of Experience: 25

Education:

M.A. 1998/Historic Preservation/George Washington University, Washington, D.C.
B.A. 1993/American History/University of Southern California, Los Angeles

Registrations

2011 Register of Professional Historians

Professional Profile:

Ms. Davis has over 25 years of experience in the field of historic preservation. As Director, History Group at ASM, Ms. Davis has documented and evaluated numerous cultural resources for CEQA compliance and completed historic resource surveys and evaluations, HSRs, HABS, HAER and Historic American Landscape Survey (HALS), Peer Reviews, projects throughout southern California. She is qualified under the *SOI's Professional Qualifications Standards* for both Architectural History and History and obtained her M.A. from George Washington University.

Select Project Experience:

Historic Property Survey Report, Historic Resources Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report for the Verde School Bridge Replacement Project, Imperial County, CA
Project Manager and Senior Architectural Historian
CLIENT: Panorama Environmental, Inc. for Caltrans
Managed an Historic Property Survey Report, Historic Resource Evaluation Report, Finding of No Adverse Effect, and Archaeological Survey Report in advance of a project proposed by the Imperial County Public Works Department to replace the Verde School Road Bridge in compliance with Caltrans District 11 and the Federal Highway Administration responsibilities under the California Environmental Quality Act, the National Environmental Policy Act and the National Historic Preservation Act. The project included a 2.9 - acre project site and involved the demolition of the existing County Bridge No. 58C-0115 over the East Highline Canal and the construction of a replacement bridge.

Cultural Resource Inventory for the Bridgeport PUD Arsenic Treatment Project, Mono County, CA
Project Manager / Senior Architectural Historian
CLIENT: NAVFAC Southwest
Compiled an ICRMP in collaboration with installation staff. Working with Marine Corps to establish cultural resource and preservation goals and objectives. Synthesizing previous studies to develop one comprehensive planning document for installation that has not heretofore had any preservation management plan.

Historic Resource Evaluation Report for 420 Drake Circle, Sacramento County, CA
Project Manager
CLIENT: Kimley-Horn & Associates, Inc.
Completed an HRER for a commercial building in Sacramento prior to proposed renovations. The purpose was to evaluate whether or not the proposed project would affect any identified historic properties within the APE and was completed per Section 106 of the NHPA. Evaluated the historical and architectural significance of the building for eligibility to the NRHP and the CRHR as well as a contributor to a potential early 20th century residential historic district.

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Evaluation of Bakersfield High School Water Tower, Kern County, CA
Architectural Historian
CLIENT: Lozano Smith, Attorneys at Law
Project Manager for an intensive-level survey to document the water tower, and a reconnaissance-level survey of the high school to assess the 1933 water tower. Prepared a Historical Resources Evaluation and California Department of Parks and Recreation (DPR) 523 A and B forms to evaluate the structure's eligibility for listing in the CRHR. Recommended that Water Tower as individually eligible for CRHR under Criterion 1 as a visual landmark representing the history and development of Bakersfield High School

Maintenance Manual for Milpitas Ranch House/Hacienda, Fort Hunter Liggett, Jolon, Monterey County, CA
Project Manager and Senior Architectural Historian
CLIENT: Gulf South Research Corp.
Updated maintenance manual for 1930 ranch house designed by noted architect Julia Morgan for newspaper tycoon William Randolph Hearst, concurrent with her design of nearby Hearst's Castle. Conducted site inspection with US Army Corps of Engineers Historic Architect. Prepared manual targeted at maintenance staff audience, included background history of the property, assessment of current conditions, and specific guidance on what needs attention, how to preserve the building, where to acquire replacement materials, and recommended future restoration projects. Manual included quick reference guide to maintenance do's and don'ts, annual checklist, and list of character-defining features with links to online Flicker photo gallery of all such features and inappropriate alterations. Plan developed in accordance with the *Secretary of the Interior's Standards for the Treatment of Historic Properties* in support of Section 106 and 110 of the NHPA for Army's Fort Hunter Liggett cultural resources staff, stewards of this NRHP listed-resource.

Inventory and NRHP Evaluation of 17 Potential Historic Resources, Fort Hunter Liggett, Jolon, Monterey County, CA
Project Manager and Senior Architectural Historian
CLIENT: Gulf South Research Corp.
Surveyed, documented, and evaluated a 17 built environment of early Fort Hunter Liggett. Resources included training facilities and cantonment and infrastructure features built between 1941 and 1951. Researched and developed appropriate historic context. Evaluated within the contexts of Military History (1942-1945) and WWII Army property types. Conducted in compliance with Section 106 and 110 of the NHPA.

Hollenbeck Park Lake Rehabilitation and Stormwater Management Project Archaeological Survey Report, Historic Property Survey Report, Historic Resource Evaluation Report and Finding of No Adverse Effect, Los Angeles County, CA
Project Manager/Senior Architectural Historian
CLIENT: GDB Global for Caltrans District 7
Managed the completion of multiple historic resource compliance documents following Caltrans guidelines for to the approval of proposed alterations and renovations to Hollenbeck Park located in the Boyle Heights neighborhood of Los Angeles. Completed a records search at the South Central Coastal Information Center and at multiple repositories and libraries within Los Angeles County, including the City of Los Angeles Department of City Planning's list of Historic-Cultural Monuments, and intensive field surveys including photographic documentation of identified resources. Multiple compliance documents were delivered including an Historic Property Survey Report, Historic Resource Evaluation Report, and Finding of No Adverse Effect. Each followed Caltrans guidelines, including *Exhibit 6.2 Historic Resources Evaluation Report Format and Content Guide* and *Exhibit 6.2 Historic Property Survey Report Format and Content Guide*, among others.

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Robert Azpitarte

Senior Archaeologist/Field Director

Total Years of Experience: 13

Education:

B.A. 2012/Anthropology/California State University, Bakersfield
B.A. 2012/Art (Studio)/California State University, Bakersfield

Professional Profile:

Mr. Azpitarte has held a number of positions of increased responsibility within the field of cultural resources management since 2011. Mr. Azpitarte has spent over 13 years documenting prehistoric and historic sites in California's Central Valley; including numerous survey, testing, and data recovery projects. Mr. Azpitarte has also participated in Great Basin fieldwork in eastern and northern Nevada, as well as work in the lower and upper Mojave regions. Currently, Mr. Azpitarte serves ASM as an Associate Archaeologist.

Relevant Project Experience:

Silver Standard Perdito Mine Project, Inyo County, CA
Crew Chief
CLIENT: Silver Standard Resources Inc.
Conducted a Phase I/Class III Inventory of 40-acres within the Inyo Mountains. Subsequently processed inventory data and lab results to compile an inventory report following Department of Interior standards.

Sandrini Solar Project, Kern County, CA
Crew Chief
CLIENT: Quad Knopf, Inc.
Conducted a Class III Inventory survey for approximately 3,400-acres near Lebec, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with the California Environmental Quality Act (CEQA).

South Fork Wildlife Area Revegetation Project, Kern County, CA
Crew Chief
CLIENT: Landology, Inc
Conducted a Class III pedestrian survey of a 69-acres revegetation area within the South Fork Wildlife Area (SFWA) and conducted National Register of Historic Places (NRHP) eligibility evaluation of site 05-13-54-830 as part of the Lake Isabella Dam Safety Modification Project. This investigation was conducted in accordance with the Historic Property Treatment Plan (HPTP), and the Expedited Evaluation Plan for Site 05-13-54-830, SFWA, Lake Isabella Dam Safety Modification Project (DSM), to assist in compliance with Section 106 of the National Historic Preservation Act (NHPA).

Counsel Rocks Project, Mojave National Preserve, San Bernardino County, CA
Crew Chief
CLIENT: National Park Service
Conducted a NRHP nomination recordation of the Counsel Rocks (CA-SBR-291) site located within the Mojave National Preserve, California. Recorded and completed a site record form for the site; assessed the current condition of the cultural resource; and mapped artifacts and site locations as part of a National Register of Historic Places (NRHP) Nomination for the CA-SBR-291 site.

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CRC 78N-2Y Well Block Survey and Testing Project, Kern County, CA
Crew Chief
CLIENT: California Resources Corporation
Conducted a Class III Inventory survey for approximately 270-acres near McKittrick, California. Recorded and completed site record forms for previous and newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. Additional excavation testing was also conducted within the lease as part of mitigation measures for potential site disturbance. The study was undertaken to assist with compliance with Section 106 of the National Historic Preservation (NHPA) in anticipation of future work within the lease.

MOC Sharks Tooth Lease Survey, Kern County, CA
Crew Chief
CLIENT: Macpherson Oil Company
Conducted a Class III Inventory survey for approximately 356-acres near Round Mountain, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with Section 106 of the National Historic Preservation (NHPA).

AEWSD Ground Water Metering Project, Kern County, CA
Crew Chief
CLIENT: Arvin-Edison Water Storage District
Conducted a Class III Inventory survey for approximately 51 existing water wells across the southeastern Southern San Joaquín Valley, California. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to assist with compliance with Section 106 of the NHPA and CEQA.

EPD Solar Weedpatch and Shafter Camp Project, Kern County, CA
Crew Chief
CLIENT: EPD Solutions
Phase II test excavations and determinations of significance were conducted at historic Weed Patch or Sunset Farm Labor Camp, and the Shafter Farm Labor Camp. Recorded and completed site record forms for the previously identified sites; assessed the current condition of each cultural resource; mapped associated camp features; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to provide compliance with the CEQA as well as the Kern County General Plan for the Weed Patch and Shafter Solar Projects.

Gettysburg Solar Survey, Kern County, CA
Crew Chief
CLIENT: Quad Knopf, Inc.
Conducted a Class III Inventory survey for approximately 160-acres. Recorded and completed site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area. The study was undertaken to provide compliance with the CEQA.

Pier East Area Survey, Tulare County, CA
Crew Chief
CLIENT: Tule River Indian Tribe
Conducted a Class III Inventory survey for approximately 250-acres within the TRIR Reservations, California. Recorded and completed site records updates and site record forms for newly identified sites; assessed the current condition of each cultural resource; mapped artifacts and site locations; and completed a technical report that documents and summarizes the archaeological record for this study area.

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Margarita Medina Lemus

Associate Archaeologist

Total Years of Experience: 4

Education:

B.A. 2021/Anthropology/California State University, Bakersfield

Professional Profile:

Ms. Lemus serves as an Assistant Archaeologist at ASM's Bakersfield office where she has been involved in numerous survey, testing, and data recovery projects. She started working with ASM as an Archaeological Field Technician in 2020 and has conducted projects throughout California, with specific focus in central and eastern California. She also served as a Student Assistant at the Southern San Joaquin Valley Information Center where she helped digitize, file and maintain the registry of site and resource records and reports, as well as developed basic GIS computer mapping skills.

Selected Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Field Tech
CLIENT: Bureau of Land Management
Crew member in a pedestrian survey in the Bodie Hills. Aided in the identification of cultural resources and recording sites/isolates in the field.

Rosedale-Rio Bravo WSD WaterSmart 2020 Recharge Basin Project, Kern County, CA
Field Tech
CLIENT: Rosedale-Rio Bravo Water Storage District
Crew member in a pedestrian survey around agricultural lands. Aided in the identification of cultural resources and site/isolate recordation.

Inyokern to Onyx Fiber Optic Cable Compliance, Kern County, CA
Archaeological Monitor
CLIENT: Mediacom Communications Corp
Archaeological Monitor for a long-term Fiber Optic Line project. Responsible for the identification of cultural resources, recording sites/isolates and submitting a daily log of events.

Tract 92 Water System Consolidation and Upgrade Project, Tulare County, CA
Field Tech
CLIENT: Provost & Pritchard
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

CRC Mount Poso Vedder Block 1 Abandonments, Kern County, CA
Field Tech
CLIENT: CRC, CV-North
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

CRC Lewis USL Lease Project, Kern County, CA
Field Tech
CLIENT: CRC, CV-North
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

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Tomo Kahni State Park Project, Kern County, CA
Role: Field Tech
CLIENT: Department of Parks and Recreation
Crew member in a pedestrian survey, aided in the identification of cultural resources and site update/recordation.

Area Whitney-Leviathan Project, Kern Count, CA
Role: Field Tech
CLIENT: South Valley Biology Consulting, LLC
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

Gettysburg Solar, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Sandrini Solar, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Rosamond South Solar Park Project, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation.

Merced Dairy Cluster, Merced County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey near agricultural and dairy fields. Aided in the identification of cultural resources and site/isolate recordation.

Keyhole Wind Survey, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a long-term pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

TNRE Mojave Project, Kern County, CA
Role: Field Tech
CLIENT: Quad Knopf, Inc.
Crew member in a pedestrian survey, aided in the identification of cultural resources and site/isolate recordation

Rabbitbrush Project, Archaeological and Paleontological Monitoring, Kern County, CA
Role: Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

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Maria Silva

Associate Archaeologist

Total Years of Experience: 4

Education:

B.A. 2019/Anthropology/California State University, Bakersfield

Professional Profile:

Ms. Silva is an Assistant Archaeologist at ASM's Bakersfield office with where she has been involved in various surveys, testing, and data recovery projects. She has a substantial amount of knowledge of central and eastern California archeology from projects that she has worked on since joining this industry in 2019 as an Archaeological Field Technician. She holds a B.A. in Anthropology from California State University, Bakersfield, where she established her skills in site recording, survey, report writing, laboratory work, and excavation along with cataloging artifacts in New Cuyama and Lake Isabella areas.

Selected Project Experience:

Cultural Resources Survey in the Bodie Hills, Mono County, CA
Field Technician
CLIENT: Bureau of Land Management
Crew member in a pedestrian survey in Bodie Hills. Aided in the identification of cultural resources and recording sites/isolates in the field.

Whole Circuit Survey Humboldt – Toiyabe National Forest, Mono County, CA
Field Technician
CLIENT: Environmental Intelligence, LLC
Crew member in a pedestrian survey in National Forest. Aided in the identification of cultural resources and site/isolate recordation.

Rosedale-Rio Bravo WSD WaterSmart 2020 Recharge Basin Project, Kern County, CA
Field Technician
CLIENT: Rosedale-Rio Bravo Water Storage District
Crew member in a pedestrian survey around agricultural lands. Aided in the identification of cultural resources and site/isolate recordation.

CRC Mount Poso Vedder Block 1 Abandonments, Kern County, CA
Field Technician
CLIENT: CRC, CV-North
Crew member for the Mount Poso Vedder pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Tomo Kahni State Park Project, Kern County, CA
Field Technician
CLIENT: Department of Parks and Recreation
Crew member in a pedestrian survey in the Tomo Kahni State Park. Aided in the identification of cultural resources and site update/recordation.

Area Whitney-Leviathan Project, Kern County, CA
Field Technician
CLIENT: South Valley Biology Consulting, LLC
Crew member for the Whitney-Leviathan pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

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Gettysburg Solar Survey, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Gettysburg Solar pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Sandrini Solar, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Sandrini Solar pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Rosamond South Solar Park Project, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the Rosamond South Solar Park pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

Keyhole Wind Survey, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member in a long-term Keyhole Wind pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation.

TNRE Mojave Project, Kern County, CA
Field Technician
CLIENT: Quad Knopf, Inc.
Crew member for the TNRE Mojave pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation

Archaeological and Paleontological Monitoring for the Rabbitbrush Project, Kern County, CA
Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

McCarthy Chaparral Solar Monitoring, Kern County, CA
Archaeological Monitor
CLIENT: McCarthy Building Companies
Archaeological monitor for the Chaparral Solar project. Responsible for identification of cultural resources and site/isolate recordation.

Lake Success Mitigation Area Project, Tulare County, CA
Field Technician
CLIENT: Crawford & Bowen Planning
Crew member for the Lake Success pedestrian survey. Aided in the identification of cultural resources and site/isolate recordation

Athos Solar Monitoring Project, Kern County, CA
Archaeological Monitor
CLIENT: Rincon Consultants
Archaeological monitor in a multi-phase solar project. Responsible for identification of cultural resources and site/isolate recordation.

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K. Ross Way

Associate Archaeologist

Total Years of Experience: 30+

Education:

A.A. 1992/Anthropology major - emphasis on Field Archaeology/Antelope Valley College

Professional Profile:

Mr. Way has over 30 years of experience in archaeology, the majority of which is comprised of cultural resource survey, inventory, excavation, and well over 10,000 hours of construction monitoring for urban and infrastructure improvement projects, renewable solar and wind projects, and petroleum-related projects. He has been involved in all aspects of planning and developing archaeological/cultural resource management projects from developing grant proposals and research designs, budget development and implementation, all phases of fieldwork, lab analyses, interpretation and final report documentation. The depth of his experience has provided knowledge of the respectful removal and handling of human remains in both historic and prehistoric contexts, and he has excavated, illustrated, and/or photographed cultural resources for reports and other publications. Based on Mr. Way's archaeological and cultural resource management experience, he is approved as a Field Director by the Bureau of Land Management in southern California, and he is also cross-trained as a paleontological monitor. Additionally, Mr. Way has a certification in GIS with an extensive familiarity with Trimble, Garmin, and Magellan GPS and GIS (Pathfinder Office 5x+; ArcGIS 10x & PRO), as well as GPR, engineer's transits, Brunton, and Silva compass use for site mapping. He is proficient in the production of top-quality soil profiles, artifact illustrations, and archaeological photography. Additionally, Mr. Way has been listed as author or co-author of over fifty technical reports, articles and professional papers.

Select Project Experience:

32B and Fleming Lease Abandonments, Kern County, CA
Associate Archaeologist
CLIENT: Crimson Resource Management
Conducted archaeological fieldwork for study areas. Preparation of archaeological site records. Contributor/Co-author for final report.

Keyhole Wind Survey, Kern County, CA
Associate Archaeologist
CLIENT: Quad Knopf, Inc.
Conducted archaeological fieldwork for study areas. Preparation of archaeological site records. Contributor/Co-author for final report.

Rabbitbrush Archaeological and Paleontological Monitoring Project, Kern County, CA
Associate Archaeologist
CLIENT: McCarthy Building Companies, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for documenting and assessing any unanticipated finds during monitoring. Preparation of archaeological site records.

Chaparral Solar Monitoring, Kern County, CA
Associate Archaeologist
CLIENT: McCarthy Building Companies, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for documenting and assessing any unanticipated finds during monitoring. Excavation of two unanticipated prehistoric resources. Preparation of archaeological site records. and Co-author for final report.

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Edwards Air Force Base Fiber Optic Line Archaeological Monitoring, Kern County, CA
Associate Archaeologist
CLIENT: Terraphase Engineering, Inc.
Archaeological monitor for all ground-disturbing activities. Responsible for any unanticipated finds during monitoring; Preparation of archaeological site records.

Phase I Cultural Resource Survey/Class III Inventory for the Allensworth Community Serves District Alternative 4 Project, Tulare County, CA
Associate Archaeologist
CLIENT: Crawford & Bowen Planning. Inc.
Contributor/Co-author for the preparation of the final technical report.

San Joaquin River Restoration On-Call Contract, San Joaquin County, CA
Associate Archaeologist
CLIENT: Bureau of Reclamation
Contributor/Co-author for the preparation of the final technical report.

Chaparral Phase II and Inadvertent Discovery Plan, Kern County, CA
Associate Archaeologist
CLIENT: Leeward Renewable Energy, LLC
Coordinated and conducted data recovery excavations for archaeological features during construction monitoring. Archaeological site record preparation. report co-author of the final technical report.

Calico Cultural Resources Review Project, San Bernardino County, CA
Associate Archaeologist
CLIENT: Stronghold Silver Corporation
Contributor/Co-author for the preparation of the final technical report.

Alta Oak Creek Wind Survey, Kern County, CA
Associate Archaeologist
CLIENT: Clearway Energy
Coordinated and conducted archaeological fieldwork for the study area. Preparation of archaeological site records. Contributor/Co-author for the preparation of the final technical report.

Phase I Cultural Resource Survey/Class III Inventory for the Temperance Elementary School Project, Fresno County, CA
Associate Archaeologist
CLIENT: Sanger Unified School District
Contributor/Co-author for the preparation of the final technical report. Preparation of archaeological site records.

Tehachapi Renewable Transmission Project, Los Angeles and Kern Counties, CA
Field Director
CLIENT: Southern California Edison
Responsible for organizing and overseeing fieldwork for ten linear transmission line survey areas and three substations and identifying and recording historical resources identified during Phase I/Class III inventory. Preparation and implementation of several research designs for the evaluations and excavations of six archaeological resources. Contributor/Co-author for the preparation of the final technical report.

Ocotillo Wind, Kern County, CA
Archaeologist/Crew Chief
CLIENT: Recurrent Energy
Coordinated field crew personnel and conducted archaeological fieldwork for the study area. Preparation of archaeological site records. GIS data management and implementation. Conducted archaeological monitoring for ongoing construction.

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Susan Dewar

Senior Program Manager, Restoration Ecologist

Ms. Dewar has over 20 years of experience with natural resources permitting and compliance, with a strong background in restoration and mitigation design, ecological surveying and monitoring, environmental permitting, regulatory compliance, and monitoring of restoration projects. She currently manages a group of over 70 environmental professionals based out of the Northern California region. Ms. Dewar has prepared habitat mitigation and monitoring plans for various permit requirements, Biological Assessments for Federal Endangered Species Act Section 7 consultations, special-status plant salvage plans, and wetland delineations in support of Clean Water Act sections 401 and 404 permits and California Fish and Game Code Section 1600 Lake and Streambed Alteration Agreements. She is a California Registered Landscape Architect, International Society of Arboriculture Certified Arborist and Qualified Tree Risk Assessor, Qualified Storm Water Pollution Prevention Plan Developer, and holds permits from California Department of Fish and Wildlife and U.S. Fish and Wildlife for vernal pool branchiopod surveys.

Years of Experience

21 years

Education

Bachelors, Landscape Architecture, University of California, Davis, CA, 2003

Masters, Ecology, University of California, Davis, CA, 2006

Registrations

Registered Landscape Architect, No. 5640

Certifications

Certified Arborist, No. WE-7374A

QSP/QSD-Qualified SWPPP Practitioner / Developer, No. 26501

U.S. Fish and Wildlife Service (USFWS) 10(a)(1)(A) Recovery Permit for Vernal Pool Branchiopods; California Department of Fish and Wildlife (CDFW) Scientific Collecting Permit for Vernal Pool Branchiopods

Professional Affiliations

California Wolf Foundation, President, From date: 10/01/2021

California Native Plant Society, Redbud Chapter, Secretary, From date: 05/01/2018

Selected Project Experience

Butt Valley Valve-House Bridge Replacement Project, PG&E, Plumas County, CA

Kleinfelder performed biological surveys for the Butt Valley Valve-house Bridge Replacement Project (Project) located approximately 2 miles west-southwest of Prattville in Plumas County, California. Pacific Gas and Electric Company (PG&E) operates the Upper North Fork Feather River Project (FERC No. 2105) to generate electricity, meet water supply obligations and provide ancillary services. The Butt Valley Powerhouse is a critical component of this project, and the Butt Valley Valve-house Bridge provides access to the powerhouse. The Butt Valley Valve-house bridge needed replacement; removal of the old bridge and construction of the new bridge caused some disturbance to Butt Creek and surrounding riparian and upland habitats. Kleinfelder conducted a wetland delineation, visual encounter surveys and eDNA sample collection for Cascades frog, nesting bird surveys, milkweed surveys, assisted with a fish rescue, flagged sensitive resources, assisted in the development of avoidance and mitigation measures (AMMs) for resources identified, provided environmental training for construction crews, and provided post-construction impact documentation.

Grizzly Forebay Dam Access Improvement Project, PG&E, Plumas County, CA

The Bucks Creek Hydroelectric Project (FERC Project 619) is located within Plumas County in the Sierra Nevada Mountains, approximately 17 miles west-southwest of the community of Quincy. The FERC Project consists of two developments that contain four dams, four reservoirs, and two powerhouses, and associated facilities. The Bucks Creek Development was completed in 1928 and includes Three Lakes, Lower Bucks Lake, Bucks Lake, Grizzly Forebay, and Bucks Powerhouse. The Grizzly Development, which was completed in 1993, added the Grizzly Tunnel and Grizzly Powerhouse. PG&E will be constructing access improvements to the downstream side of Grizzly Dam. Kleinfelder provided biological support services including survey and flagging of Mildred's clarkia, surveys for northern goshawk and California spotted owl, and surveys for Sierra Nevada yellow-legged frog. Specific Role: Project Manager | Cost: $38,000 (consultant fee to date) | Time Spent on Project: 05/1/2021-Ongoing

Alta Wind Farm Rare Plant Surveys, and Bakersfield Cactus Surveys and Relocation, Kern County, CA

Restoration Ecologist/Botanist: Participated in protocol-level rare plant surveys on BLM lands and private properties planned for a wind farm. Identified and assessed the appropriateness of conservation areas at the Alta Wind Farm to receive transplants of state and federally endangered Bakersfield cactus (*Opuntia basilaris* var. *treleasei*). Bakersfield cacti within the development footprint of the proposed wind farm were inventoried. Responsible for relocation, maintenance and monitoring of over 200 individuals of the endangered cactus.

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Eldorado–Ivanpah Transmission Project (EITP), SCE, San Bernardino County, CA and Clark County, NV
Ecologist: Conducted field surveys to map jurisdictional wash habitats along proposed transmission and telecommunications line corridors for Southern California Edison's Eldorado-Ivanpah Transmission Project in the Mojave Desert. Identified and mapped potential California Department and Fish and Game (CDFG) and U.S. Army Corps of Engineers (ACOE) jurisdictional areas on over 60 miles of corridor and assisted in the preparation of the jurisdictional report (in support of ACOE Sections 401 and 404 permits as well as CDFG Code 1602 permits).

Crane Valley Riparian Monitoring Project, PG&E, Madera County, CA
Project Manager: The Crane Valley Project Riparian Area Monitoring Plan Requirements (Plan) were developed by Pacific Gas and Electric Company (PG&E) to manage and monitor vegetation, as required by Forest Service 4(e) Condition No. 19, as well as License Article 409, within their Crane Valley hydroelectric project watershed. The Plan requires monitoring the effects of project operations and maintenance on riparian vegetation within the Crane Valley Project Area. Assessments of the composition, cover, structural diversity, and age class of riparian vegetation, as well as other vegetation and site attributes are collected to determine whether these riparian communities fall within the normal range of variation for a normally functioning plant community. In 2012, Ms. Dewar oversaw the comprehensive baseline survey conducted at seven sites in the watershed to establish a new project area baseline for riparian vegetation; this survey and watershed assessment was repeated in 2017.

Living Shorelines Project at Giant Marsh, Contra Costa County, CA
Water Pollution Control Manager: Working for Triton Marine Construction, prepared construction Spill Prevention, Control, and Countermeasure Plan and Turbidity Monitoring Plan for the Giant Marsh restoration project. The construction activities associated with this Project included installation of pre-fabricated artificial reef structures in shallow intertidal waters of San Pablo Bay, including demolition and disposal of eight concrete encased timber piles to facilitate project access from a barge.

Sacramento Service Center Protocol Surveys for Vernal Pool Branchiopods, PG&E, Sacramento County, CA
Permitted Biologist/Project Manager: Ms. Dewar performed wet season protocol surveys for vernal pool branchiopods on behalf of PG&E at an undeveloped 6-acre parcel of land at the Sacramento Service Center site in Sacramento, California. Two species of federally listed large vernal pool branchiopods have moderate potential to occur in the survey area: vernal pool fairy shrimp (*Branchinecta lynchi*), and vernal pool tadpole shrimp (*Lepidurus packardi*). Dry soil analysis and wet season surveys were conducted per the 2015 U.S. Fish and Wildlife Service Survey Guidelines for the Listed Large Branchiopods. California fairy shrimp (*Linderiella occidentalis*) were observed.

West of Devers Upgrade Project, SCE (Barnard Construction) Riverside and San Bernardino Counties, CA
Project Manager/Restoration and Botany Lead. Ms. Dewar serves as project manager as a subconsultant to Barnard Construction for Southern California Edison's (SCE's) approximately 50-mile electric transmission line upgrade project. Pre-construction tasks included supporting preparation of the Integrated Weed Management Plan (IWMP), Habitat Restoration and Revegetation Plan (HRRP), Restoration Execution Plans, jurisdictional delineations, rare plant surveys, cactus and yucca mapping, and rare plant salvage. Ms. Dewar is currently overseeing rare plant salvage, restoration implementation, and long-term monitoring of completed restoration sites.

Tehachapi Renewable Transmission Project Restoration (Segments 6-11), SCE (ICF) Los Angeles County, CA
Seed and Plant Procurement Lead. The Tehachapi Renewable Transmission Project is a series of electrical transmission lines that deliver electricity from wind farms in the Tehachapi area to SCE customers and the California transmission grid. The project consisted of new and upgraded electric transmission lines and substations between eastern Kern County and San Bernardino County. Ms. Dewar was the Seed and Plant Procurement Lead for the project. She was responsible for development of management and work plans regarding seeding/planting implementation, coordination of seeding/planting activities, identification of efficiencies pertaining to minimizing the mobilization costs of the Restoration Contractor, and identification and resolution of planting material constraints.

Path 42 Reconductor Project, Riverside County, CA
Biological Project Manager and Lead Authorized Botanist. The Path 42 Reconductor Project involved reconductoring of approximately 15 miles of electric transmission lines on SCE's existing right-of-way in Riverside County from Devers Substation to Mirage Substation. Ms. Dewar was the Biological Project Manager and conducted/oversaw pre-construction surveys in desert tortoise (*Gopherus agassizii*), Coachella Valley fringe-toed lizard (*Uma inornata*), Palm Springs pocket mouse (*Perognathus longimembris bangsi*), flat-tailed horned lizard (*Phrynosoma mcallii*), burrowing owl (*Athene cunicularia*), and Coachella Valley milk vetch (*Astragalus lentiginosus* var. *coachellae*) habitats.

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Joseph Zilles, P.G. (CA)

Senior Geologist/Hydrogeologist

Mr. Zilles manages hydrogeologic projects throughout the United States and abroad. Mr. Zilles provides hydrogeologic evaluations, water supply assessments, pre-construction permitting (local and State), conducts well pumping tests, aquifer analysis and water quality investigations. Responsibilities include project management, personnel management, preparing specifications, well site permitting, construction management, coordination of design implementation, geophysical log interpretation, and report preparation.

Years of Experience

27 years

Education

BA, Geology, California State University System: Sacramento, California, 1998

Licensure

CA Professional Geologist No. 7787 (exp 4/30/22)

Well Drillers C-57 (RME) No. 467252 CA

Training

Fundamentals of Professional Practice, ASFE, 2006

ASCE Construction Dewatering and Groundwater Control Design and Application, 2012

Professional Affiliations

National Ground Water Association (member)

Groundwater Resource Association, Sacramento Branch (member)

American Water Works Association

(member)

Association of State Dam Safety Officials (member)

American Society of Civil Engineers/EWB (member)

Central Valley Branch, Vice President, 2010-2013

California Construction and Industrial Materials Association (member)

Publications

California Geology, 4th Edition

Summary of Managed Aquifer Recharge Concepts, Star Publishers, Menlo Park, California. (Co-author)

Selected Project Experience

HYDROGEOLOGIC ASSESSMENTS/WATER SUPPLY WELLS / GROUNDWATER RECHARGE

Deep Monitoring Well Installation, Los Alamos National Laboratory, Los Alamos, New Mexico. Site geologist during the installation of regional monitoring wells 2 and 26. Provided oversight of drilling, logging and installation of 1,000 foot deep monitoring well and preliminary logging of soils recovered from continuous coring operations.

Groundwater Investigation, City of Hughson, Hughson, California. In order for the client to avoid a fine from the Regional Water Quality Control Board (RWQCB), Mr. Zilles re-wrote a long standing contentious workplan prepared by another consultant. Mr. Zilles has managed this project which included the tasks of sampling, analysis, and report preparation.

Groundwater Monitoring and Reporting, Delicato Family Vineyards, Manteca, California. Project Manager for the evaluation of the shallow groundwater quality and potential impacts due to wastewater application on site. Additional components to the project include bioremediation pilot program. Tasks include implementing a project schedule, budget development, groundwater monitoring and reporting program. Project parameters RWQCB Standards for Monitoring and Reporting.

Groundwater Monitoring and Reporting, McManis Family Vineyards, Ripon, California. Project Manager for the evaluation of the shallow groundwater quality and potential impacts due to wastewater storage on site. Tasks include implementing a project schedule, budget development, groundwater monitoring and reporting program. Project parameters RWQCB Standards for Monitoring and Reporting.

City of San Leandro, Washington Manor Park Water Well, San Leandro, California. <DESIGN IN PROGRESS> Mr. Zilles is currently managing the well design of a new water supply well for the City of San Leandro. The Kleinfelder design team includes mechanical and electrical engineering preparing CADD plans for all above and below ground features including electrical and water main tie-in. Current scope also includes preparing the bidding specifications to be used by the City to secure a qualified drilling and general contractor(s) when construction begins.

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California State Fair and Exposition (Cal Expo) Well No 1A Design and Construction Project, Sacramento, California. Mr. Zilles managed the well design and construction of a new 16-inch diameter production well for the Cal Expo fairgrounds. Mr. Zilles managed the Kleinfelder design team CADD plans for all above and below ground features including electrical and water main tie-in and prepared the bidding specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of work included overseeing the drilling a pilot hole to 360 feet, lithologic logging, geophysical survey interpretation, final well design, and production testing. Well production is 1,000 gpm with a specific capacity of 16 gpm/ft.

CALPINE Landslide mitigation and Dewatering System Design and Installation Project, Lake County, California. Mr. Zilles was part of a team of professional geologists and engineers tasked with assessing an active landslide upon which rested an active geothermal power plant since the 1980's. Through a drilling exploration program and geologic investigation interpretation of soil and rock encountered beneath the power plant a detailed profile of fill material originating from an upslope cut overlying the Franciscan formation (metasandstone) and serpentinite was identified. Slope inclinometers were installed to aid in monitoring the activity of the slide (over 500,000 sqft area). Mr. Zilles designed a dewatering system consisting of thirteen dewatering wells, 100 feet deep to dewater the slide mass thereby decreasing hydrostatic pressure on the slide plane.

Hydrogeologic/Surface Water Infiltration Evaluation, Jaindl Land Company, Lower Macungie Township, Lehigh County, Pa. Mr. Zilles provided technical direction and evaluation of the proposed stormwater infiltration basins. Behind local project management, the infiltration analyses were performed for the proposed stormwater infiltration basin. The purpose of this infiltration investigation was to augment previous investigations to determine site suitability for infiltration. Due to site soil variability, and the relatively narrow target infiltration zone, a larger scale infiltration study was initiated to determine the long-term infiltration potential of the site and to gauge the potential for groundwater mounding. The supplemental investigation included performing two large-scale Pilot Infiltration Tests (PIT) in April 2014. Based on the results of the field investigation, it was determined that the Site was sufficiently suitable for large scale infiltration. The PIT results from both tests indicated that a design infiltration rate of 0. 6 inches/hour Basin D (for PIT 1) and 0.4 inches/hour for Basin A (PIT 2) should be used for the purposes of basin design.

Integrated Water Management Plan, Groundwater Recharge, South Stockton, California. Project Hydrogeologist and Project Manager responsible for preparing the IWMP for 3,800-acre multi-use development. The IWMP included an assessment of non-potable water demand and supply, groundwater level and quality assessments, installation of monitoring wells, deep aquifer analysis, groundwater modeling, and preparing a long-term monitoring plan for the implementation of a groundwater recharge program.

Water Supply Assessment, California Flats Energy Project, Central, California. Mr. Zilles conducted a water supply assessment in a challenging Central California arid region covering approximately 151,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additionally, a constant rate pumping test was conducted using an existing high production well on site to assess groundwater drawdown in a pumping well and model the radial impacts on surrounding wells in the basin.

Water Supply Assessment, Catalina Wind Energy Project, Antelope Valley, California. Mr. Zilles conducted a water supply assessment in a very challenging arid Mohave Desert region over 27,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with innovative spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additional services included aquifer testing of water supply wells, radial impacts analysis, and groundwater modeling.

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Integrated Water Management Plan, Groundwater Recharge, North Stockton, California. Project Hydrogeologist responsible for preparing the IWMP for 538-acre residential development. The IWMP addressed the use and management of all water for the project and included an assessment of the water demand and supply, groundwater level and quality, development of a stream bed infiltration gallery.

City of Clovis, Municipal Test Well (Dewitt and Santa Ana Avenues). Mr. Zilles managed the installation of a new test well for the City of Clovis. The project included providing specifications in order to secure a qualified drilling subcontractor. The scope of the test well included drilling to a depth of 620 feet, evaluating the geophysical log for zone testing, coordinating multiple (5) zone tests of water bearing zones, coordinating laboratory analyses, and preparing a technical report for use in preliminary design of the new municipal well.

Del Monte Foods Industrial Well #5, Hanford California. Mr. Zilles managed the well design and construction of a new production well for Del Monte Foods. Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of work included overseeing the drilling a pilot hole to 1,500 feet, lithologic logging, geophysical survey interpretation, zone testing, well design, and production testing. Well production was 1,500 gpm.

City of Salem New Jersey, Emergency Water Supply Well. Mr. Zilles and team provided a high level of hydrogeologic expertise for the City of Salem, New Jersey. The city was in need of an emergency water supply well and Kleinfelder provided, under Mr. Zilles' direction, well drilling, construction, and testing specifications for a new well 283 feet deep. The specifications included bidding detail, construction management, and the installation of two monitoring wells (310 and 320 feet). Under high scrutiny from the State of New Jersey, the new well and was installed on time and has been performing as planned. Five Weeks after operation of the well began we received the following information form the client: *"…the well has been operating continuously for over 5 weeks now at a pumping rate of about 250 gpm, which has achieved the goal of allowing the City to meet demand without the use of surface water. As a result, there have been no T&O complaints." – Fred Mucci – City of Salem.*

City of Fresno, Renewal and Replacement Project. Kleinfelder supported the Akel Engineering team and the City of Fresno, California, in developing a low-cost maintenance strategy for its 240 active groundwater wells using the principles of asset management. The plan balanced multiple levels of service including water quality, environmental compliance, emergency preparedness and reliability, and overall asset portfolio risk.

The team assessed the anticipated performance of wells in achieving the city's identified objectives - energy efficiency, water quality, and reliability - using an adaptable optimization model, Kleinfelder identified the set of Fresno's groundwater wells within each service area that could effectively address three objectives, in aggregate, while providing the necessary quantity of drinking water to meet demand. Kleinfelder consolidated and updated multiple datasets, created key performance indicators and analyzed performance against those models, developed visualizations of the results using ArcGIS and Power BI dashboards, and summarized the findings and recommendations in a clear and defensible capital improvement plan that balances multiple goals related to water quality, energy efficiency, and asset risk.

Water Supply Well Assessment, Permitting, and Rehabilitation, University of California, Davis Medical Center, Sacramento, California. Kleinfelder prepared the specifications for assessing and rehabilitating two of the campus wells and coordinated all subcontractor activities and discharge permitting through multiple agencies including the City, County, and the State. Kleinfelder's assessment and rehabilitation strategy included pre-rehabilitation video inspection, rehabilitation with brushing, swage patch of an identified hole in the casing and post repair video inspection. Our data evaluation showed only a brushing and patch was needed, saving the UCDMC the cost of replacing the well.

City of Sacramento, Well Evaluation/Rehabilitation (20 wells), North Beach and Sump 132, Sacramento, California

The City of Sacramento maintains 50 pressure relief wells at the North Beach levee site and 10 pressure relief wells at the Sump 132 location. Kleinfelder provided well inspection and testing services which included the assessment

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of the well surface conditions, down-well video inspection, and pumping test (20-200 gpm) to assess each wells specific capacity.

Los Angeles County, Acton Well No. 37-5, Water Supply Well Consulting Services. Mr. Zilles provided a high level of service for the development of a new groundwater supply well in Acton, California. Working with Los Angeles County and under the supervision and project management of Mr. Zilles, Kleinfelder assisted the County to prepare detailed well drilling specifications, conducted a pre-bid construction meeting, responded to Requests for Information (RFI), and select a drilling contractor. Kleinfelder's future scope also includes field oversight and logging during drilling of the pilot bore, geophysical log interpretation, zone testing for water quality, final well design, and production test analysis to assist the County in determining the specific capacity, transmissivity, and well efficiency.

Los Angeles Department of Water and Power (LADWP), Van Norman Complex Test Well Assessment. Mr. Zilles provided high level technical support to LADWP to re-develop and test two deep 1,400-foot artesian groundwater exploration/supply wells located at the Van Norman Complex. Both wells, each with seven screen intervals, have been re-developed and short-term pumping tests performed. Kleinfelder was tasked to prepare well re-development and aquifer testing work plans and technical memorandums; and oversee the pre- and post-development video inspections, re-development tasks which included high pressure rotational jetting, dual swab isolation air-lifting, and pumping; and spinner flow tests. The upcoming long-term aquifer testing will include isolation packer installations and pumping for several months to evaluate for potential groundwater supply. Kleinfelder is assisting LADWP procure Line-shaft turbine pumps based on our analysis for each well. The information is anticipated to provide the basis for a regional 3D numerical model to fully evaluate water-supply potential in the area.

Tracy Cemetery District Well, Tracy, California. Mr. Zilles has managed the bidding, specifications preparation and oversight for the drilling and installation of a new water supply well for the Tracy Cemetery District, Tracy, California. Additional technical services include, geophysical log interpretation, well screen and filter pack design, water quality testing and final production testing. The well is 500 feet deep and is planned to produce up to 350 gpm.

Water Supply Assessment, Well Design/Construction Specifications and Construction Management, California Flats Energy Project, Central, California. Mr. Zilles conducted a water supply assessment in a challenging Central California arid region covering approximately 151,000 acres. In this water supply assessment, the standard approach of estimating precipitation, evaporation, run-off, and underflow was used in conjunction with spatial climatic GIS data analyses. The results of this innovative analysis differentiated precipitation levels per elevation within the watershed and provided a quantitative evaluation of water that could be available for groundwater recharge originating in the upper watershed not previously shown. Additionally, a constant rate pumping test was conducted using an existing high production well on site to assess groundwater drawdown in a pumping well and model the radial impacts on surrounding wells in the basin. Mr. Zilles provided well design and construction specifications for two new wells being developed for this project and will oversee construction of the new wells.

City of Modesto, On-Call Hydrogeologic Services. Mr. Zilles managed the on-call contract for hydrogeologic services at the City of Modesto. Services Kleinfelder was chosen to provide to the City include water well installation, specifications preparation, monitoring well installation, groundwater modeling, groundwater recharge evaluations, and general City support as part of the Groundwater Sustainability Agency.

Fresno County, On-Call Water Resource Services. Mr. Zilles managed the on-call contract for water resource services at Fresno County. Services Kleinfelder was chosen to provide to the County include water treatment, infrastructure pipeline evaluations, surface water evaluations, water well installation, specifications preparation, monitoring well installation, groundwater modeling, and groundwater recharge evaluations.

Commercial Water Supply Well, Bogle Winery, Clarksburg, California. Mr. Zilles managed the well design and construction of a new production well for the Bogle Vineyards winery facility. Mr. Zilles prepared the bidding

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specifications used to secure a qualified drilling contractor and provided project management/oversight during construction activities. The scope of the included overseeing the drilling a pilot hole to 1,500 feet, lithologic interpretation and logging, geophysical survey interpretation for design, zone testing, well design, and production testing. Well production was >500 gpm.

City of Vista, Brengle Terrace Park Well, Vista, California. Mr. Zilles managed the well drilling project for the City of Vista (2015-2016). Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and managed the construction oversight during drilling activities. The scope included drilling a pilot hole to 856 feet and providing technical analysis of geologic conditions encountered which included a thick shallow layer of sapprolite and deeper fractured gabbro bedrock. *"Kleinfelder was responsive to our needs and executed the project in a very collaborative / professional manner. Their expertise and thorough review of available information of the project area revealed potential issues not previously considered. Throughout the project, as new information or challenges occurred, Kleinfelder was quick to revise their recommendations when needed to meet the project site conditions and goals which resulted in a successful project". Skip Hammann - City of Vista*

City of San Diego Well ECPW-2 Hydrogeologic Evaluation, Lakeside, California. Mr. Zilles was the Technical Lead providing technical well construction and testing specifications for the development of a new groundwater resource in fractured bedrock. The scope of services included the implementation of a phase/step approach to include engineering efforts to confirm well production capacity, ground water quality, and preparation of the implementation documents, including design plans and specifications, and engineering support during well construction activities. The geologic setting for the new well is in the granitic rocks of the region in which flow occurs within the fractures of the rock. The drilling depth is anticipated to be approximately 1,000 feet and include a full suite of analytical tools to best engineer the new water supply well such as advanced geophysics and flow estimations.

Commercial Well Siting Study, Sonoma County, California. Mr. Zilles was the technical lead providing the evaluation of two sites over several hundred acres for the development of a groundwater resource. Scope included reviewing technical data from state and federal sources, development of evaluation criteria such as geologic setting, infrastructure, water quality, and costs; and providing recommendations for the development of a groundwater well.

City of Modesto, Test Well Program. Mr. Zilles managed several test well operations for the City of Modesto (2015-2016). Mr. Zilles prepared the specifications, secured a qualified drilling contractor and has provided oversight during pre-construction activities. The scope of the test well program has included thus far included drilling three test wells to depths of 600 feet, zone testing of water bearing zones, providing technical analysis geophysical logging, and preparing preliminary well designs.

City of Manteca, Test Well Program. Mr. Zilles managed the test well program for the City of Manteca (2014-2015). Mr. Zilles prepared the bidding specifications used to secure a qualified drilling contractor and has provided oversight during pre-construction activities. The scope of the test well program includes drilling three test wells to depths of 400 feet, zone testing of water bearing zones, and providing technical analysis geophysical logging. Water blending analyses, and preliminary well design.

Water Supply Well, Travis Air Force Base, California. Under the project management of Mr. Joe Zilles, Kleinfelder provided a high-level review of the existing groundwater pumping model for the Travis Air Force Base well field and simulated (with use of a computer model) the addition of a new well and the drawdown and radial impacts to the existing well field in several scenarios. Based on the optimum placement of a new well Mr. Zilles prepared bid specifications and schematics in accordance with Unified Facilities Guide Specifications (Federal Guidelines) for the installation of a 16-inch diameter water supply well approximately 1,000 feet deep with a pumping capacity of 1,000 gpm. Design features included multiple screen zones, dielectric pipe section couplers, and a compression section.

Water Supply Well, Sonoma County Agricultural Land Preservation and Open Space District, Sonoma County, California. Prepared bid specifications and managed site construction activities which included pilot hole drilling, logging, construction, quality control and production testing. Mr. Zilles coordinated weekly progress meetings, reviewed sub-contractor submittals and provided construction schedule. Depth 380 feet, yield >300 gpm.

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Client Rep quote: *"Thanks so much for all your help—it's been great to work with you." - Kathleen Marsh – Sonoma County Agricultural Preservation and Open Space District.*

Deep Monitoring Well Installation, Los Alamos National Laboratory, Los Alamos, New Mexico. Site geologist during the installation of regional monitoring wells 2 and 26. Provided oversight of drilling, logging and installation of 1,000 foot deep monitoring well and preliminary logging of soils recovered from continuous coring operations.

City of Lincoln, Municipal Water Supply Well, Lincoln, California. Mr. Zilles conducted the lithologic logging during drilling operations and oversaw several key component issues during well construction to include the development and testing of the new 300 foot deep well.

City of Concord Parks Department, Concord, California. Site geologist responsible for drilling oversight and e-logging of new Park irrigation well. In-situ testing of formations via the pilot hole allowed Kleinfelder to reduce potential for anomalous boron concentrations in well, in area of known high boron concentrations. Eight-inch diameter casing and screen was installed to about 300 feet, yielding about 80 gallons per minute, or twice desired amount. This work saved the City about $30,000 to connect to a local water line.

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PUBLICATIONS AND PRESENTATIONS

Joe Zilles, P.G. No. 7787 (CA)

California Geology, 4th Edition, Summary of Managed Aquifer Recharge Concepts, Star Publishers, Menlo Park, California. (Co-author), 2017.

Career Pathways: Professional Geologist Licensure Requirements, and Strategies for Success in Environmental & Engineering Geology Jobs, Geological Society of America, Webinar April 29, 2020.

Pressure Relief Wells Operations and Maintenance, Geotechnical Levee Group Meeting, U.S. Army Corps of Engineers, Sacramento District, June 11, 2018.

Managed Aquifer Recharge, Concepts and Implementation, Groundwater Resource Association/Association of Engineering Geologists, Sacramento Section, June 20, 2017.

Well Siting Evaluations, An Engineering Perspective, RemTEC Summit/National Driller Conference, Denver, CO, 2017.

Water Supply Project, Spring Box Construction, Shissasari, Kenya, Engineers Without Borders. American Society of Civil Engineers, Central Valley Branch, Stockton, CA, 2015.

The Sustainable Groundwater Management Act, and What it Means to the Aggregate Mining Industry, California Construction and Industrial Materials Association, Monterey, CA, 2015.

Water Supply Assessments in Arid Environments, California Construction and Industrial Materials Association, San Diego, CA, 2014.

Water Supply Assessments, Poster Presentation, Association for Environmental Health and Sciences, Annual Conference, San Diego, CA, 2013.

Water Supply Assessment in Arid Environments, As Innovative Weather Data/GIS Approach – Solution Oriented, 26th Professional Development and Technical Training Seminar, Denver, Colorado, February 22-23, 2012.

Construction Dewatering, Dewatering the Delta, Delta Water Supply Pipeline Project, 26th Professional Development and Technical Training Seminar, Denver, Colorado, February 22-23, 2012.

Water Supply Assessments, An Innovative Approach, Association of Environmental and Engineering Geologists, 2012 Annual Meeting Salt Lake City, UT, September 2012.

Well Construction Management and Rehabilitation Work Shop, Santa Rosa, 2007.

Well Construction Management and Rehabilitation Work Shop, Sacramento, 2007.

Water Supply Assessment in California, Senate Bills 610 and 221, Association of Environmental Professionals, Bay Area Chapter, Cotati, California, 2007.

Water Supply Assessment in California, Senate Bills 610 and 221, Kleinfelder Inc. 21st Professional Development and Technical Training Seminar, Los Angeles, California, March 23-24, 2007.

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Erin Abendroth

Staff Geologist

Years of Experience
1 years

Education
Bachelors, Geology, University of California, Riverside, 2016

Masters, Geology, California State University, Sacramento, 2022

Certifications
8-Hour HAZWOPER Refresher

Ms. Abendroth has experience in field sampling and logging for hazardous materials such as lead and asbestos containing materials. She is responsible for conducting environmental and geotechnical investigations and preparing reports. She has been involved on a multidisciplinary design team to complete project tasks for local electrical utility providers and flood control agencies. Her problem-solving abilities make her an asset to the project team.

Selected Project Experience

CEMEX West Sacramento Phase 1 ESA, West Sacramento, California, From January 8, 2024 To February 9, 2024
Conducted an environmental assessment of a former cement terminal located in an industrial area of West Sacramento. The investigation included review of the site history and associated documents from regulatory agencies, as well as an in-depth investigation of potential environmental impacts resulting from the presence of several bulk fuel terminals located at adjacent properties. This assessment supported environmental due diligence prior to a potential sale of the property.

Smith Canal Gate Stop Logs Phase I ESA, Stockton, California, From December 11, 2023 To January 12, 2024
Conducted an environmental assessment of a former industrial facility located in the Port of Stockton. The investigation included an in-depth review of previous investigations, risk assessments, and regulatory letters. This assessment supported the development of a conceptual site model as well as soil characterization sampling and analysis for the purpose of risk management prior to a large infrastructure improvement project. All on-site work was coordinated with the property owner to minimize impacts to site operations.

Montlake IG Paving, Phase I Environmental Site Assessment, Sacramento, CA. , From 03/2023 To 03/2023
Staff Geologist. Performed initial site walk, recorded detailed notes of observations, and compiled photographs into a photo log.

Costco, Soil Cleanup for Proposed Costco Warehouse, Loomis, CA, From 03/2023 To 04/2023
Staff Geologist. Pre-field and field activities associated with the excavation and disposal of lead and arsenic contaminated soils prior to construction activities. Oversaw excavation activities of four areas of known soil contamination and monitored immediate area for fugitive dust. Completed confirmation sampling of excavation sidewalls and bottom. Sampled resultant soil stockpiles for the purpose of disposal profiling.

Sacramento Area Flood Control Agency, Sacramento, California, From December 5, 2022 To December 16, 2022
Safely conducted above-water work which included the use of small, motorized boats and a barge-mounted drill rig to collect lake-bottom soil samples from a private 60-acre lake. Other tasks included health and safety plan preparation and communication of daily progress updates to the project management team.

Private Client, From 10/28/22 To 11/22/22
Conducted historical research, prepared conceptual site model and draft of the work plan discussing sampling plan, sample collection methods, laboratory testing, comparison of data against screening levels to assess historical agricultural airstrip.

Kleinfelder Lab, Rancho Cordova, CA, From 10/10/2022 To Present
Completed geotechnical sample analyses including extracting samples from Shelby tubes, measuring sample dimensions and weights, and preparing samples prior to oven-drying. Additional lab experience includes performing sieve analyses.

SMUD, Sacramento, CA, From 10/10/2022 To Present
As part of an on-call contract, completed soil sampling and waste characterization profiling for various utility improvement projects. Conducted pre-field planning activities such as: preparing health and safety plans (HASPs), utility clearance marking, coordinating with subcontractors, planning activities for fieldwork. Experience collecting soil samples from stockpiles and pre-characterization soil borings. Analyzed data, completed data reports that compared date to various screening levels.

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Lisa Achter

Senior Biologist and Project Manager

Years of Experience
17 years

Education
Bachelors; Wildlife Management & Conservation, Humboldt State University, Arcata, CA, 2007

Certifications and Affiliations
- USFWS Giant Gartersnake and California Tiger Salamander Recovery Permit, No. TE-05665B-2
- CDFW Giant Gartersnake and California Tiger Salamander Scientific Collection Permit (SCP) and Memorandum of Understanding (MOU), No. SC-12693
- Wetland Delineation Training
- The Wildlife Society (Western Section and Sac-Shasta Chapter, 2013-Present)

Lisa Achter is a wildlife biologist and project manager with over 17 years' experience in several ecological fields within California and Nevada, specializing in conducting habitat assessments, general and focused biological surveys, and trapping and relocation studies for a number of special-status and common wildlife species. She has managed multiple projects and led field crews projects with varying degrees of complexity in large- and small-scale settings. In addition to writing numerous biological sections of environmental impact reports (EIR), USFWS Biological Assessments (BA), Biological Technical Reports (BTR), Natural Environment Studies (NES), Initial Studies (IS) and Mitigated Negative Declarations (MND) and other survey and analysis reports and documentation, she is familiar with environmental laws and regulations to include the California Environmental Quality Act (CEQA), National Environmental Policy Act (NEPA), state and federal Endangered Species Acts (CESA and ESA), federal Migratory Bird Treaty Act (MBTA), and the California Fish and Game Code. She also develops permitting strategies under the federal Clean Water Act (Sections 404 and Section 401) and California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration Agreements (1600). Ms. Achter regularly provides senior review and direction for field surveys and the documents listed above, and develops mitigation and avoidance techniques for vernal pool and wetland communities and special-status plant and wildlife species.

Selected Project Experience

Travis Air Force Base – Taxiway November and Ramp 400 Repair Project, Solano County, California.
Serves as the lead biologist and project manager for a runway repair project at Travis AFB. Ensures compliance with environmental documents and permits to avoid impacts to California tiger salamander, special-status plants and wetlands.

Altamont Landfill Resource Recovery Facility, Fill Area 2 Expansion Project, Livermore, Alameda County, CA.
Manages a long-term project involving compliance with state and federal agency issued permits and MMP. Performs biological tasks including preconstruction biological surveys to determine the presence of special-status species including CTS, CRLF, American badger, San Joaquin kit fox, and burrowing owl. Performs CTS salvage operations for development of ponds within the landfill. Conducted annual botanical and wetland surveys and general biological reconnaissance surveys, as well as periodic construction monitoring.

California Tiger Salamander Salvage and Relocation, Potrero Hills Landfill Expansion Project, Fairfield, Solano County, CA.
Managed a long-term project involving trapping and relocation of the state and federally threatened California tiger salamander. Managed scheduling and supply inventory, as well as trap checking and processing (weighing and measuring) captured CTS. Ensured long-term compliance with project permits and the Mitigation and Monitoring Program (MMP), participated in egg surveys, larval sampling, trained staff and helped maintain project site, while adjusting success criteria as necessary.

Napa County Major Structures, Yountville Cross Road Bridge Repair Project, Napa County, CA.
Conducted a biological constraints analyses and prepared a subsequent Natural Environment Study (Minimal Impacts) for a bridge repair project over the Napa River in Napa County. Determined impacts to special-status bird, reptile and amphibian species, as well as NMFS Essential Fish Habitat and listed species.

Napa County Storm Repair Projects, Napa County, CA.
Serves as project manager and conducts biological constraints analyses for several sites within Napa County to determine constraints related to repairs on roads and culverts that were damaged during an earthquake in 2014 and winter storms in 2017-2023. Drafts state and federal permits for development impacts to wetlands and waters under the jurisdiction of ACOE, CDFW, and RWQCB. Serves as a biological monitor during construction where

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special-status species could be present, performs roosting bat surveys, coordinates and provides protocol-level northern spotted owl surveys, provides environmental trainings to crews.

Beale Air Force Base Tricolored Blackbird Habitat Restoration Plan, Yuba County, CA.
Prepared a draft NEPA environmental assessment to determine constraints to and potential impacts of restoring habitat for tricolored blackbird at Beale Air Force Base.

Grizzly Forebay Access Project, PG&E, Plumas County, CA
Performed protocol-level California spotted owl surveys in the vicinity of a dam site prior to repair work on the dam. Organized field crews to assist with surveys and oversaw safety call in/out with PG&E. Prepared summary reports at the conclusion of surveys.

Renewable Properties LLC, Multiple Small-Scale Solar Projects, throughout California.
Performs biological resource assessments on multiple small-scale solar projects throughout California. Assists with the development of mitigation measures to avoid impacts to special-status species and sensitive habitats. Prepares responses to comments and works with the client and federal and state agencies to develop permitting strategies.

Newell Creek Dam Outlet Conduit Replacement, City of Santa Cruz, Santa Cruz County, California.
Conducted a biological constraints analysis for a dam repair project and prepared a biological technical report detailing the results of the analysis. Determined potential impacts to special-status avian and amphibian species and developed mitigation strategies for avoidance.

Calaveras County, Jenny Lind Wastewater Treatment Plant Pretreatment Upgrades Project, Valley Springs, CA.
Performed a BRA of a wastewater treatment plant to determine potential constraints to plant upgrades related to biological resources and aquatic features potentially under jurisdiction of USACE, CDFW, and RWQCB. Prepared a BTR and conducted a habitat assessment for Sierra Nevada yellow-legged frog (Rana sierra, SNYLF), California red-legged frog (Rana draytonii, CRLF), and western pond turtle, and performed a preconstruction nesting bird survey. Prepared and presented a Worker Environmental Awareness Training (WEAT).

Ponderosa West Grass Valley Defense Zone Extension Project, Nevada County, California.
Conducted a biological constraints analysis of several parcels included in a fuels reduction project to support a NEPA EA. Developed a mitigation strategy minimize impacts to special-status plant and wildlife species.

Bolinas Community Land Trust, Ranchworkers Co-Housing Project, Marin County, CA.
Conducted a biological constraints analysis for a site in Bolinas to determine constraints related to development of an affordable housing community. Performed a jurisdictional delineation to define the boundaries of wetlands and waters on the site that could potentially be under the jurisdiction of ACOE, CDFW and RWQCB.

Estero Public Trail Easement, Sonoma County Parks and Recreation, Bodega Bay, CA.
Conducted a BRA to determine potential constraints to development of the property related to special-status species and aquatic features potentially under the jurisdiction of USACE, CDFW, and RWQCB. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site, and constraints to development regarding CEQA, CESA, and MBTA. Performed surveys for and positively identified CRLF.

Alameda Whipsnake and California Tiger Salamander Habitat Assessment, Moore Biological Consultants, Alameda County, CA.
Conducted a habitat assessment on a private parcel to determine habitat suitability for Alameda whipsnake and CTS. Prepared a BRA to document the findings of the assessment and potential biological constraints due to development of the parcel.

Biological Resources Assessment for the Copeland Creek Detention Basin and Trail Project, Rohnert Park, Sonoma County, CA.
Assessed a property in Sonoma County to determine potential biological resources on the site that could pose constraints to development of a detention basin and public trail. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site, and constraints to development regarding CEQA, CESA, and MBTA. Positively identified burrowing owls on the site.

NorCal Self Storages, Napa Airport Self Storage Project, Napa, CA.
Conducted a BRA of a parcel in Napa County to determine potential constraints to development of the property. A BTR was prepared that included habitat suitability for special-status species, potentially jurisdictional waters found on site and constraints to development regarding CEQA, CESA, and the MBTA. Performed subsequent preconstruction nesting bird surveys.

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Jordan Annand

Mr. Annand has served as a responsible staff level geologist of geologic & hydrogeologic investigations for many projects throughout California. Some of his experience includes: writing geohazard reports and geologic sections of technical reports; borehole/test pit logging; soil/rock classification; dewatering/monitoring well installations; well rehabilitation; pump testing; aquifer analysis; groundwater and surface water monitoring/sampling; Phase II site assessments, lab testing soils; and construction observation, testing, and inspection.

Years of Experience

7 years

Education

BS Geology, California State University Stanislaus, Turlock, CA, 2017

Registrations

CA Geologist-In-Training (GIT)

Certifications

40-Hour HAZWOPER

30-Hour Construction Safety, No. 21-602052157

8-Hour HAZWOPER Refresher, Kleinfelder

Select Project Experience:

Bogle Vineyards Groundwater Monitoring, Clarksburg, CA

Prepared quarterly groundwater monitoring reports assessing the groundwater quality near the process wastewater land application area (LAA) in accordance with Waste Discharge Requirements (WDR). Responsible for the field preparation and field groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, project reporting and creation of data tables, charts, and appendices.

California Natural Products, Lathrop, CA

Responsible for the field preparation and field groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, project reporting and creation of data tables, charts, and appendices.

City of Sacramento: Relief Well Rehabilitation and Pump Testing, Sacramento, CA

Provided hydrogeologic services and oversite during the rehabilitation of relief wells for the City of Sacramento. Oversaw pre/post well rehab downhole videos, well rehabilitation, turbidity monitoring, sand content monitoring, pumping test oversite. Coordinated field activities with subcontractors and assisted with data analysis, video review, report writing, and other project deliverables.

California Rice Commission, Colusa County, CA

Conducted surface and groundwater water sampling to assess water quality in accordance with Rice Waste Discharge Requirements (Rice WDR) Program, the Rice Pesticide Program (RPP), and Rice Groundwater Trend Monitoring Program. Responsible for the field preparation and field surface and groundwater sample collection, measurement of water column and flow metering, analytical data analysis, project reporting and creation of data tables, charts, and appendices.

Buena Vista Rancheria, Ione, CA

Oversaw pre/post well rehab downhole videos, well rehabilitation, turbidity monitoring, sand content monitoring, pumping test oversite. Coordinated field activities with subcontractors and assisted with data analysis, video review, report writing, and other project deliverables. Responsible for the field preparation and field groundwater sample collection.

Sun Dry Products, Vernalis, CA

Provided environmental services and oversite of a site remediation project in Vernalis, California. Oversaw the drilling and excavation of contaminated soil and obtained soil samples for laboratory analysis.

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Darryl Berberi-Hill, P.G (CA)

Mr. Berberi-Hill is a geologist with 11 years of experience working on hydrogeologic, geotechnical, and environmental projects. His project experience ranges in size from multi-year, hydrogeologic and environmental investigations of abandoned mine sites, to large scale geotechnical levee assessments, to small-scale pre-construction geotechnical assessments. Mr. Berberi-Hill's focus has been on a combination of hydrogeologic characterization (groundwater quality data evaluations, flow direction, gradient, storage, recovery, and general drinking water quality), and subsurface geotechnical investigations for levee assessments and roadway transportation improvements. Mr. Berberi-Hill is experienced in applying multiple groundwater sampling techniques to address the unique conditions of various sites. He is also experienced in applying mud rotary, air rotary, sonic, hollow stem auger, direct-push, and cone penetrometer testing drilling techniques to various groundwater and geotechnical investigations.

Years of Experience

11 years

Education

Bachelors, Geology, University of California, Davis, CA, 2013

Registrations

CA Professional Geologist (PG), No. 9772

Certifications

40-Hour HAZWOPER

8-Hour Supervisor Training, No. 16502737

24-Hour New Miner Training Certificate

CPR & First Aid

8-Hour HAZWOPER Refresher, Kleinfelder

Select Project Experience:

Mission Bell Winery, Constellation Brands, Inc. Madera CA

Assist client in update of Record of Waste Discharge permit through conduct thorough groundwater quality assessment. Assessment included review of historical groundwater and wastewater analytical data, as well as historical groundwater elevations. Statistical analyses performed to determine significance of increasing or decreasing trends in groundwater analytical data. Produced a report showing findings of groundwater quality assessment including relative to wastewater discharge analytical data, including recommendations for adjustments and expansion of current monitoring well network.

Confidential Mine Superfund Site, EPA Region 9, Lyon County, NV

Task lead for preparation of quarterly and annual sitewide groundwater and domestic well monitoring reports for monitoring well network of over 300 wells. Reporting included a six-step groundwater quality data evaluation where statistical analyses were applied to current and historic groundwater data identify statistically significant increasing or decreasing trends in select analytes. The data evaluation included screening for potential outside influences (primarily agricultural) to groundwater quality on site. Field lead for multiple remedial investigation activities including quarterly groundwater monitoring, domestic well sampling and Pit Lake surface water sampling efforts, waste rock pile drilling, sampling, logging, etc.

Confidential Mine Superfund Site, EPA Region 9, Alpine County, CA, From 2016 To 2022

Worked as a member of a Remedial Investigation project team. Provided oversight of monitoring well installation using sonic drilling technology as well as development and sampling of installed wells. Performed aquifer “slug” testing using pneumatic and conventional methods on monitoring wells. Task lead for collection and management of sitewide water level data collected with transducers. Conducted surface water quality monitoring and sampling upstream and downstream of the site. Applied Field Portable X-Ray Fluorescence technology to onsite and offsite soil sampling events to establish naturally occurring background levels of various elements. Assisted in onsite and offsite characterization of contamination footprint due to historic mining activities.

Woodbridge Winery Groundwater Monitoring, Acampo, CA

Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for field preparation and execution of groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

California Natural Products, Lathrop, CA

Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for groundwater sample collection, analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

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Oakwood Lake Groundwater Monitoring Report, Stockton, CA
Draft quarterly groundwater monitoring report to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsible for analytical data analysis, groundwater elevation and groundwater flow direction determination, production of text and appropriate table, charts, and appendices.

Bogle Vineyards, Clarksburg, CA
Quarterly groundwater monitoring and reporting to ensure client is in compliance with waste discharge requirements set forth by the Central Valley Regional Quality Control Board. Responsibilities include groundwater sample collection, groundwater laboratory data evaluation, and production of quarterly groundwater monitoring reports.

Perchlorate Investigation and Remediation, Confidential Client, Morgan Hill, CA
Lead field geologist responsible for oversight of direct push Cone Penetrometer Testing (CPT) investigation. Determined the lateral and vertical extent of multiple aquifers that extend downgradient of the site. Groundwater sample collection adapted from Hydropunch™ sampling techniques was used to characterize the lateral extent of perchlorate migration.

Regulatory Review Environmental Support Services, Confidential Client, Chico, CA
Responsible for field preparation, coordination, and execution of quarterly groundwater monitoring, well gauging, and groundwater sampling. Regulatory review and litigation-related environmental support services for former industrial building products manufacturer. Services include subsurface characterization, groundwater quality testing and sampling pertaining to characterizing the extent of a groundwater plume impacted by the historic disposal of solvents (PCE and TCE).

Resource Conservation and Recovery Act Power Plant Investigation, Confidential Client, Antioch, CA
Lead geologist responsible for field oversight and direction of site investigation activities, including advancing soil borings, soil and grab groundwater sample collection, monitoring well installation, and lithologic identification and soil logging.

Air Force Civil Engineer Center, Castle Air Force Base, Atwater, CA
Assisted in site investigation of potential per- and polyfluorinated alkyl substance (PFAS) releases at multiple areas throughout the site due to historical use of aqueous film forming foam (AFFF) for fire suppression activities. Provided oversight for drilling activities including continual logging of soil cores and collection of grab groundwater samples. Applied strict sampling techniques to account for low detection levels while seeking to prevent cross contamination of groundwater samples due to prevalent use of PFAS in common products such as clothing, equipment, and personal hygiene products.

Bear River Supply Inc, Yuba City, CA
Assisted in development and execution of environmental site investigation for ~5,000-gallon spill of U-32 agricultural fertilizer which resulted from a ruptured above ground storage tank. Responsibilities included workplan development, fieldwork coordination and for multiple soil sample collection events, data processing, interpretation and plume delineation of nitrate-impacted soils.

Newark Sierra Paperboard Facility, Caraustar, Stockton, CA
Field Lead for semi-annual groundwater sampling event to address diesel and TCE-impacted subsurface and groundwater underlying the facility. Provided drilling oversight and conducted groundwater sampling for additional field investigation to determine lateral extent of contamination and possible off-site plume migration.

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Nicole Carpenter

Biologist

Ms. Carpenter is a Biologist with experience in native plant restoration and botanical field work in California. She has experience with botanical surveys and working with plant communities in the northern Sierra Nevada mountain range. She has assisted in restoration planning and monitoring, rare plant surveys, invasive plant surveys and monitoring, and biodiversity monitoring.

Years of Experience

3 years

Education

Bachelors, Ecology and Evolutionary Biology, University of California, Santa Cruz, 2010

Masters, Environmental Management, University of San Francisco, 2020

Certifications

Wetland Delineation Training

Professional Affiliations

California Invasive Plant Council, Member, From date: 08/01/2023

California Native Plant Society, Member, From date: 10/01/2012

Selected Project Experience

Lakeville-Ignacio Emergency Tower Repair, PG&E, Sonoma County
Monitored construction activities of a transmission tower repair in tidal marsh habitat for salt marsh harvest mouse, Ridgway's rail, and California black rail.

PG&E Vegetation Management, Sierra and North Valley Regions
Provide land planning support for proposed vegetation management work. Prepare notification packages to be submitted to federal and state agencies detailing the proposed work. Enter data and maintains current work package details in a database. Review Biological Constraints Reviews (BCR) to determine biological support requirements for proposed work. Draft Environmental Release to Construction (ERTC) documents, which include necessary biological and cultural support, Best Management Practices (BMPs), and resource specific Avoidance and Minimization Measures (AMMs).

PG&E Noxious Weed Projects, Sierra Nevada, Shasta to Kern County
Ms. Carpenter provides botanical support to assist with noxious weed management on PG&E hydroelectric projects throughout the Sierra Nevada. Ms. Carpenter performs post-treatment weed monitoring surveys, flagging of noxious weeds for treatment, flagging of special status plants for avoidance, hand pulling of select noxious weed populations, and water sampling. Specific PG&E hydroelectric projects include Spring Gap-Stanislaus, Crane Valley, Bucks Creek, and Pit 3, 4, 5.

Avenue 26 Solar, Renewable Properties LLC, Madera County, California
Conducted a targeted plant survey for native milkweed prior to the installation of a small-scale solar farm. Occurrences of milkweed were flagged and mapped for avoidance during construction.

Bucks Lake Special Status Plant Surveys, PG&E, Plumas County
Participated in a baseline botanical survey for the Bucks Creek hydroelectric project (FERC Project No. 619). Collected data and mapped known and new occurrences of special status plants. Updated floristic plant lists from the previous baseline survey. Mapped new occurrences of invasive plants for future management.

Invasive Plant Survey, PG&E, Amador County
Conducted a targeted plant survey for medusahead and yellow star-thistle along transmission lines for PG&E Vegetation Management program. Flagged locations of medusahead and yellow star-thistle for avoidance during vegetation management work. Provided an invasive plant tailboard to help the crew to identify common invasive plant species and reviewed best management practices (BMPs).

Sierra Monitoring Project, CDFW, northern Sierra Nevada, California
Collected biodiversity and habitat data for a long-term monitoring project in the northern Sierra Nevada. Data collection included documenting and photographing the habitat type, woody vegetation surveys, bird and bat acoustics, and baited camera stations.

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Constance Ganong

Regulatory Specialist, Senior Plant Ecologist

Years of Experience
21 years

Education
Bachelors, Physical Anthropology, University of Pennsylvania, Philadelphia, PA, 1993

Masters, Ecology Evolution Systematics and Pop Biology, San Francisco State University, San Francisco, CA, 2003

Ms. Ganong is a plant ecologist with over 19 years of experience in floristic and biological field work in California, including ecological surveying and monitoring, environmental permitting and regulatory compliance, and construction monitoring of restoration projects. Her expertise encompasses Rare Plant Surveys, Vegetation Classification and Mapping, Wetland Delineation/Assessment, Restoration and Mitigation Planning and Monitoring and Project Management.

Certificates: 18-hour Advanced Wetland Delineation (WRA Environmental) certification, 2009. 40-hour Jurisdictional Delineation of Waters of the U.S., including wetlands on the California Coast (Elkhorn Slough Coastal Training Program & WSP) certification, 2008

Selected Project Experience

Twin Pine Solar Project, RPCA Solar 6, LLC, Laytonville, CA
Conducted formal aquatic resources delineation within 48 acres of vernal pool grasslands for potential U.S. Army Corps Engineers (USACE) Section 404 jurisdictional wetlands and other waters.

Livorna Road Storm Damage Project, Caltrans, Contra Costa County, CA
Conducted vegetation mapping, rare plant and habitat assessment, and waters delineation for this slope repair project adjacent to San Ramon Creek. Helped prepare the Natural Environmental Study and Biological Assessment, which included potential impacts to Alameda whipsnake and California red-legged frog.

Pit 3, 4, and 5 Hydroelectric Weed Management and Botanical Surveys, PG&E, Shasta County, CA.
Conducted annual post-treatment weed monitoring surveys and participated in field surveys for special-status plants.

Crane Valley Hydroelectric Project Noxious Weed Management and Botanical Survey, PG&E, Madera County, CA.
Conducted annual post-treatment noxious weed monitoring surveys.

Grizzly Island Pole Maintenance Project, PG&E, Solano County, CA
Conducted wetland assessments and delineations within Suisun Marsh on Grizzly Island Wildlife Area and private property for this electric distribution pole replacement project. Conducted field inventories and habitat assessments of all 28 pole replacements with PG&E General Construction and contractor. Assisted with determining environmental issues, avoidance and minimization measures, and BMPs for each pole with the PG&E biologist and Land Planner and CDFW personnel. Coordinated access for each pole with CDFW and Suisun Resource Conservation District for PG&E and contractor. Managed and coordinated the biological monitors for each pole. Provided the environmental tailboard about salt marsh harvest mouse and monitored pole replacements done by PG&E General Construction.

MacArthur Maze Vertical Clearance Project, Caltrans, Alameda County, CA.
Conducted formal wetland delineation for potential U.S. Army Corps Engineers (USACE) Section 404 jurisdictional waters, including wetlands; wrote the Preliminary Jurisdictional Determination report which was sent to USACE. Met with USACE liaison for field verification.

Mococo Wetland Restoration Project, Caltrans, Contra Costa County, CA.
Conducted quantitative monitoring using linear transect-quadrat sampling to assess hydrophytic and non-native, invasive plant species cover. Qualitative monitoring includes site visits to visually assess plant establishment, watering and maintenance needs, weed control, and to identify problems. In 2020 the final mitigation year, conducted formal wetland delineation to determine the boundaries of U.S. Army Corps Engineers (USACE) jurisdictional wetlands. Annual reports prepared for Caltrans for agency review.

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County of Marin Five Bridges Project, Marin County, CA.
Conducted vegetation mapping, tree surveys, protocol-level rare plant surveys, and wetland delineations for biological study areas at five bridge relocation or rehabilitation sites. Two bridge sites are within National Park Service lands: Muir Woods National Monument and Point Reyes National Seashore. Technical reports written for rare plant surveys and wetland delineation submitted to resource agencies.

Vegetation Monitoring, Crystal Geyser, Water Bottling Facility Project, Inyo County, November 2018-Present.
Conduct habitat monitoring annually for 5 years. Monitoring includes assessment of vegetation health, measurement of riparian and wetland vegetation and woody riparian species regeneration, and vegetation sampling. Methods include point intercept along transects, quadrat sampling of absolute percent cover, and Daubenmire cover scale.

Butterfly Host Plant Surveys, PG&E Vegetation Management and PG&E Transmission. San Mateo and Marin Counties, CA.
Surveys for rare butterflies larval host/food plants: Federal Endangered callippe silverspot butterfly (*Speyeria callippe callippe*) and Johnny jump-up (*Viola pedunculata*); Federal Endangered Mission blue butterfly (*Plebejus icarioides missionensis*) and silver lupine (*Lupinus albrifrons*), varied lupine (*L. variicolor*) and summer lupine (*L. formosus*); Federal Endangered San Bruno elfin butterfly (*Callophrys mossii bayensis*) and broadleaf perennial stonecrop (Sedum spathulifolium), and Federal Threatened Bay checkerspot butterfly (*Euphydryas editha bayensis*) and California plantain (*Plantago erecta*).

Caldecott Tunnel Wetland Mitigation Project, Caltrans, Alameda County, CA
Conducted quantitative monitoring using linear transect-quadrat sampling to assess hydrophytic and non-native, invasive plant species cover. Qualitative monitoring included site visits to visually assess plant establishment, watering and maintenance needs, weed control, and to identify problems. Annual reports prepared for Caltrans for agency review. During Year 5, conducted formal wetland delineation for potential USACE Section 404 jurisdictional waters, including wetlands. Met with Corps liaison for verification of delineation.

State Route 4 Capital Preventative Maintenance Project, Caltrans, Contra Costa County
Conducted formal aquatic resources delineation within 497 acres of Caltrans right-of-way for State Route 4 from Hercules to Concord, CA for potential USACE Section 404 jurisdictional wetlands and other waters; wrote the Preliminary Jurisdictional Determination report which was sent to USACE.

Caltrans Pigeon Pass Onsite Wetland Mitigation Project, Alameda County, CA
Conducted formal wetland delineations in 2012, 2015, and 2019 to determine the boundaries of 10 U.S. Army Corps Engineers (USACE) jurisdictional wetlands at six mitigation sites along State Route 84 in Alameda County. Prepared the wetland delineation and mitigation report for USACE and SFRWQCB. Conducted an annual wetland assessment and report in 2013, 2014 and 2017. Met with USACE liaison for field verification in 2019.

Vegetation and Aquatic Assessments, SLAC National Accelerator Laboratory, San Mateo County, CA
In 2018 conducted rare plant habitat field assessments along 5 miles for this vegetative management project under the SLAV 230kV transmission line. Mapped aquatic features during the surveys. In 2023 conducted an aquatic resources assessment for drainages in an area for potential new buildings.

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Jennifer-Lynn Kellerman

Wildlife Biologist

Years of Experience
8 years

Education
Associates, Mathematics, Palomar College, San Marcos, CA, 2013

Bachelors, Wildlife Management & Conservation, Humboldt State University, Arcata, 2016

Professional Affiliations
California Native Plant Society, Member, From date: 12/01/2022

Jepson Herbarium, Member, From date: 11/11/2022
California Associate of Environmental Professionals, Member, From date: 02/10/2020

Ms. Kellerman has a broad range of experience with eight years of work in the environmental compliance and research fields including academic, tribal, and non-profit sector projects working with special status and invasive species. Mrs. Kellerman has experience with task management as an assistant project manager, field lead for large and small scale projects, report writing, and pre-activity surveys and reports. Her field experience includes but is not limited to environmental clearance surveys, biological monitoring, and environmental compliance on Bureau of Land Management (BLM), U. S. Forest Service (USFS), Western Riverside County Multihabitat Conservation Plan (WR - MHCP), San Diego Gas and Electric Subregional Natural Community Conservation Plan (SDGE - NCCP) and private lands. She has conducted habitat assessments, pre-construction surveys, and monitoring for avian, small mammal, amphibian, reptile, and invertebrate, as well as raptor and mesocarnivore capturing, handling, and monitoring. Based in Southern California, she also has worked in the Bay Area and Pacific Northwest.

Selected Project Experience

Point Blue Conservation Sciences - Marin County, CA
NSO Technician Assisted with monitoring Northern spotted owls (*Strix occidentalis caurina*) in Marin County for the Marin Municipal Water District and Marin Open Space District. Conducted protocol-level surveys and monitoring for Northern spotted owls. Responsible for scheduling and monitoring 19 sites following strict protocols. Coordinated with landowners and hiked into sites to conduct surveys to assess presence/absence, determine pair status, and locate nests. Utilized ArcGIS to create maps of detected owls and survey routes.

Hoopa Tribal Forestry - Hoopa, CA
Wildlife Technician Provided field and office support for long-term studies of the local Northern Spotted Owl, Barred Owl, and Fisher populations. Assisted passively monitoring northern spotted owls (*Strix occidentalis caurina*) using acoustic recorders. Maintained and managed equipment in the field and data in the office as well as analyzed acoustic data using Kaleidoscope. Assisted training coworkers to conduct field and office work required for the acoustic recorder project. Assisted with the long-term demographic study on fishers (*Martes pennanti*) by providing the following field support: 1. capturing and collecting physiological measurements and samples from fishers, 2. radio telemetry tracking the collared fisher population in Hoopa. Assisted with surveying for willow flycatchers (*Empidonax traillii*) using a point count survey method.

Pacific Gas and Electric (PG&E), Noxious Weed Projects, Sierra Nevada and Cascade Mountain Ranges
Biologist. Ms. Kellerman conducts botanical and wildlife surveys to assist with noxious weed control efforts for PG&E throughout the California side of the Sierra Nevada mountain range, to include several forest service lands such as Sierra, Stanislaus, El Dorado, Plumas, and Shasta Trinity National Forests. As a botanist, Ms. Kellerman provides support for baseline botany surveys, special status plant species surveys, flagging for noxious weed removal, assisting with hand pulling select target weed populations, monitoring noxious weed removal success, and water sampling. Ms. Kellerman has provided botany support for the following PG&E Noxious Weed Projects: Crane Valley, Spring Gap-Stanislaus, Mokelumne, Rock Creek Cresta, Caribou, and Pit 3, 4, 5. As a wildlife biologist, Ms. Kellerman provides western pond turtle (Actinemys marmorata) surveys within areas containing suitable habitat where noxious weed treatment activities are scheduled to occur for the Crane Valley project. Additionally, Ms. Kellerman has assisted with report preparation for the annual and comprehensive reports for the Mokelumne and Crane Valley projects.

CalRecycle, 2021 Wildfire Cleanup and Recovery Project, Northern California
Biologist. Kleinfelder teamed with Tetra Tech for the CalRecycle 2021 Wildfire Cleanup and Recovery Project. This project included the removal of destroyed structures within the Project footprint and hazardous trees within the right-of-way of public roads across the following 16 counties: Alpine, Butte, El Dorado, Kern, Lake, Lassen, Mendocino, Nevada, Placer, Plumas, Shasta, Siskiyou, Tehama, Trinity, Tulare, and Tuolumne. Several special status species were identified to potentially occur within the Project footprint, including but not limited to California red-legged frog, Sierra Nevada yellow-legged frog, and Northern spotted owl. Ms. Kellerman assisted with a variety of roles ranging

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from biological field lead to report preparations. Ms. Kellerman conducted report preparations throughout Project operations for biological assessment memorandums in support of permit applications for proposed temporary water crossings and laydown yards in support of Project operations. Additionally, Ms. Kellerman assisted with the preparation of the Section 7 Report after Project operations completed. As the field lead, Ms. Kellerman coordinated and provided guidance to the biological monitors, monitored project activities, summarized potential non-compliance events, continuously communicated with field and office teams as project guidance changed, and attended field meetings to discuss mitigation plans for sensitive biological resources requiring additional consideration beyond what was provided in the Project's Environmental Protection Plan.

Klamath Biological Research Station and Colorado State University, Northern Spotted Owl Demography Study, Six Rivers National Forest, Humboldt and Trinity Counties, CA.
Northern Spotted Owl Research Assistant. Ms. Kellerman conducted surveys for a long-term population ecology study of northern spotted owls (*Strix occidentalis caurina*) in Northern California where she determined nesting and reproductive status of owls. Ms. Kellerman banded, collected morphometric measurements, and extracted blood from captured owls. She conducted night calling on forest roads independently and with a partner to determine owl residency. She completed, organized, and reviewed data forms. She conducted snorkel surveys in the South Fork Trinity River for Northwestern pond turtles (*Emys marmorata*).

CalRecycle, 2020 Northern Branch Wildfire Cleanup and Recovery Project, Northern California
Lead Biologist. Kleinfelder is teamed with Tetra Tech for the CalRecycle Northern Branch Wildfire Cleanup and Recovery Project. This project included the removal of destroyed structures within the project footprint and hazardous trees within the right-of-way of public roads across nine counties: Butte, Del Norte, Lassen, Nevada, Plumas, Shasta, Siskiyou, Trinity, and Yuba. Several special status species were identified to potentially occur within the project footprint, including but not limited to California red-legged frog, Sierra Nevada yellow-legged frog, and Northern spotted owl. As the field lead, Ms. Kellerman coordinated and provided guidance to the biological monitors, reviewed biological monitoring reports, monitored project activities, provided a daily memorandum of project activities, and wrote biological assessments in support of permit applications for proposed water crossings and laydown yards. After Project operations were completed, Ms. Kellerman assisted with the preparation of the Section 7 Biological Report.

Pacific Gas and Electric (PG&E), San Buno Mountain Natural Gas Pipeline Project, Brisbane, CA
Biologist. Kleinfelder provided biological support for excavation efforts of a natural gas pipeline within San Buno Mountain County and State Park in San Mateo County. Biological support provided included targeted botanical surveys and subsequent monitoring. Ms. Kellerman assisted with conducting daily pre-construction survey and monitoring Project operations to ensure minimal impacts to biological resources occurred.

Pacific Gas and Electric (PG&E), Grizzly Forebay California Spotted Owl Surveys, Plumas County, CA
Biologist. Pacific Gas & Electric Company (PG&E) plans to construct access improvements to the downstream side of Grizzly Dam, Plumas County. Prior to work occurring, California spotted owl surveys are required to be completed. to determine presence and breeding status of California spotted owls within the area. Ms. Kellerman conducted California spotted owl night surveys at Grizzly Forebay along established calling stations (approximately 0.25 to 0.5 miles apart) and survey routes, using a speaker to broadcast calls and vocal hooting methods.

Costco Development Project, Murrieta, CA
Biologist. The Costco Development Project in Murrieta is proposed to include construction of a Costco Wholesale warehouse and fuel station. Ms. Kellerman coordinated with construction to ensure all preconstruction surveys were completed within the appropriate time frames. In compliance with the project MMRP, biological mitigations measure MM-BIO-2 and MM-BIO-3, Ms. Kellerman conducted burrowing owl surveys in accordance with the Burrowing Owl Survey instructions for the Western Riverside Multiple Species Habitat Conservation Plan Area and preconstruction nesting bird surveys for the Costco Development Project in Murrieta, California. Upon completion of each survey, a memorandum was written to be included in the grading permit request, followed later by a detailed report containing a description of the project and background information, survey methods, a compilation of all survey results, an inventory of wildlife species observed, a map representing survey routes, and photographs of the project site.

City of Anaheim, Holden Anaheim Hills Senior Living Facility Project, Anaheim, CA.
Biologist. Ms. Kellerman conducted a biological constraints analysis, reviewing databases including California Natural Diversity Database (CNDDB), California Native Plant Society (CNPS) Inventory of Rare Threatened and Endangered Plants of California, and U.S. Fish and Wildlife Service (USFWS) information, Planning and Conservation (IPaC) List, in support of the CEQA Class 32 Exemption document for the development of a Senior Living Facility in Anaheim, Orange County, California.

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EXHIBIT C

PAYMENT RATES

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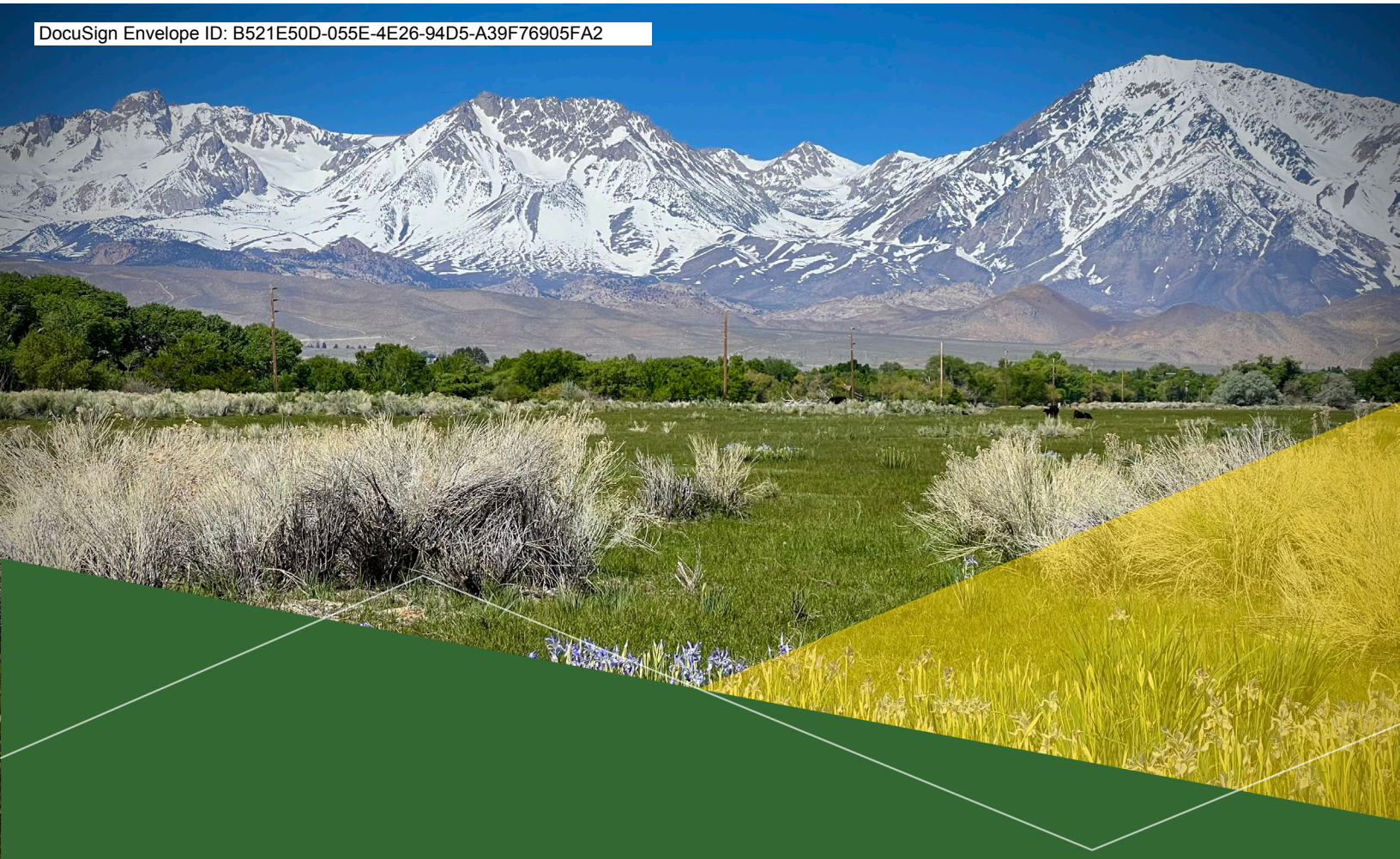

City of Bishop

On-Call Environmental Services 2024 Price Statement

March 12, 2024

717 Market Street, Suite 400
San Francisco, CA 94103
650-373-1200 **panoramaenv.com**

PANORAMA ENVIRONMENTAL, INC.

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PANORAMA ENVIRONMENTAL, INC.

2024 Standard Rates and Charges

Hourly Personnel Charges

Position	Rate
Tech Editor I	$110
Technical Editor II	$120
Administration/Document Production	$120
Contract Manager	$155
Environmental Analyst I	$125
Environmental Analyst II	$135
Environmental Scientist I/Planner I	$140
Environmental Scientist/Planner II	$155
Environmental Scientist/Planner III	$170
Cartographer /GIS Analyst	$125
Cartographer/GIS Specialist	$155
Cartographer/GIS Manager	$170
Project Manager I/Sr. Planner I	$180
Project Manager II/Sr. Planner II	$190
Senior Project Manager I	$200
Senior Project Manager II	$205
Senior Manager I	$220
Senior Manager II	$235
Director	$250
Principal	$265

Other Charges

Mileage is charged at the IRS Standard Rates for the current year. Travel expenses are billed at cost. Outside services, equipment, and facilities not furnished directly by Panorama will be billed at cost plus 15% including, but not limited to:

- Shipments and express delivery
- Printing and photographic reproductions
- Rental of equipment
- Special fees, permits, insurance, etc.
- Subcontractors
- Supplies

KLEINFELDER, INC – NorCal Pacific, Environmental Permitting & Planning
2024 RATE SCHEDULE

Developed for: City of Bishop

PROFESSIONAL STAFF RATES

Professional*	$	98/ hour
Staff Professional I*	$	106/ hour
Staff Professional II*	$	118/ hour
Project Professional*	$	128/ hour
Senior Professional	$	148/ hour
Principal Professional	$	195/ hour
Senior Principal Professional	$	295/ hour
Project Manager I	$	155/ hour
Project Manager II	$	179/ hour
Program Manager	$	255/ hour
Senior Project Manager/Senior Program Manager	$	290/ hour
GIS/Designer/Drafter*	$	122/ hour
Senior GIS/Designer/Drafter	$	158/ hour
Project Controls Professional*	$	144/ hour
Senior Project Controls Professional	$	198/ hour

ADMINISTRATIVE STAFF RATES

Administrator*	$	90/ hour
Project Administrator	$	131/ hour

PREVAILING WAGE (ON-SITE AND TRAVEL) RATES

Group 1^* (Lead Insp - NC 63-3-9-2023-1)	$	244/ hour
Group 2^* (Inspector/General Environmental Monitoring & Surveys - NC 63-3-9-2023-1)	$	238/ hour
Group 3^* (Soils - NC 63-3-9-2023-1)	$	216/ hour
Group 4^* (Concrete - NC 63-3-9-2023-1)	$	197/ hour

- ✓ Public works projects or projects receiving public funds may be subject to Prevailing Wage laws. The above rates marked ^ are in accordance with NC 63-3-9-2023-1. Group 3 rate may be used for any professional staff handling soil during pre-construction, construction, or demolition activities in accordance with California AB1768. Second shift rates (not shown) apply to any work starting after 2pm and before 4am and will incur a separate rate in accordance with California AB1768.
- ✓ Prevailing wage billing rates will increase according to the predetermined schedule included in determination NC 63-3-9-2023-1 on July 1st of each year.
- ✓ Travel time will be charged, including at the prevailing wage rate, as required per the determination and the Public Works Manual Section 4.1.5.
- ✓ If at any time during the term of this contract any categories of work are determined by the DIR to require payment of prevailing wage, and where the existing non-PW hourly billing rate is lower, the hourly billing rate will increase to $238.00 the Group 2 Rate.

KLEINFELDER, INC – NorCal Pacific, Environmental Permitting & Planning
2024 RATE SCHEDULE

Developed for: City of Bishop

- ✓ PW rates will be charged, including retroactively, for the covered scope items if the DIR directs that this is covered work at any time during the life of this agreement, or thereafter.
- ✓ Hourly rates assume that other direct costs will be billed and reimbursed by the client. Kleinfelder reserves the right to adjust the rate schedule on projects where other direct costs are not reimbursed.

Subcontractor fees and Other Direct Costs to be reimbursed at cost plus 10%.
Travel related costs to be reimbursed at cost.
Mileage to be billed at current IRS rate.

***Time worked in excess of 8 hours per day and weekend/holiday work will be charged at 1.5X the hourly rate shown above. Overtime applies to (*) rates only.**

Hourly rates shall be escalated annually on January 1 of each calendar year, starting 1/1/2025. Labor Escalation Rate to be 5%.

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ASM AFFILIATES

2024 STANDARD BILLING RATES

Classification	***Hourly Rate***
Principal/Project Manager IV	$ 200.00
Principal/Project Manager III	$ 190.00
Principal/Project Manager II	$ 180.00
Principal/Project Manager I	$ 165.00
Senior Archaeologist III	$ 155.00
Senior Archaeologist II	$ 140.00
Senior Archaeologist I	$ 125.00
Architectural Historian/Historian III	$ 150.00
Architectural Historian/Historian II	$ 130.00
Architectural Historian/Historian I	$ 110.00
Associate Archaeologist III	$ 120.00
Associate Archaeologist II	$ 110.00
Associate Archaeologist I	$ 105.00
Assistant Archaeologist III	$ 95.00
Assistant Archaeologist II	$ 90.00
Assistant Archaeologist I	$ 85.00
Archaeological Crew III	$ 95.00
Archaeological Crew II	$ 90.00
Archaeological Crew I	$ 85.00
GIS Administrator II	$ 135.00
GIS Administrator I	$ 110.00
Graphics Supervisor	$ 95.00
Word Processor II	$ 90.00
Word Processor I	$ 70.00
Accountant	$ 110.00
Admin II	$ 85.00
Admin I	$ 70.00

Cultural Monitoring: Any hours worked up to 4-hours in a day, including travel, will be billed at a half day rate. A minimum 48-hour notice is required for cancellation of any scheduled monitoring. Should scheduled monitoring be cancelled within 12-hours of the scheduled start time, a half day rate will be charged. Should monitors be called to the field and no ground disturbing work occur, a half day rate will be charged. Any hours worked above 4-hours and up to 8-hours in a day will be billed at the 8-hour daily rate. Any hours worked above 8-hours and up to 10-hours in a day will be billed at a 10-hour daily rate. Any hours worked over 10-hours and up to 12-hours in a day will be will at an hourly rate of $200.00 per hour. Any hours worked over 12-hours in a day will be billed at $250.00 per hour.

EXHIBIT D

INSURANCE REQUIREMENTS

Without limiting Consultant's indemnification of Agency, and prior to commencement of Work, Consultant shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to Agency.

General liability insurance. Consultant shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services Office form CG 00 01, in an amount not less than $1,000,000 per occurrence, $2,000,000 general aggregate, for bodily injury, personal injury, and property damage. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO "insured contract" language will not be accepted.

Automobile liability insurance. Consultant shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the Consultant arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than $1,000,000 combined single limit for each accident.

Professional liability (errors & omissions) insurance. Consultant shall maintain professional liability insurance that covers the Services to be performed in connection with this Agreement, in the minimum amount of $1,000,000 per claim and in the aggregate. Any policy inception date, continuity date, or retroactive date must be before the effective date of this Agreement and Consultant agrees to maintain continuous coverage through a period no less than three (3) years after completion of the services required by this Agreement.

Workers' compensation insurance. Consultant shall maintain Workers' Compensation Insurance (Statutory Limits) and Employer's Liability Insurance (with limits of at least $1,000,000).

Consultant shall submit to Agency, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of Agency, its officers, agents, employees and volunteers.

Umbrella or excess liability insurance. [Optional depending on limits required]. Consultant shall obtain and maintain an umbrella or excess liability insurance policy with limits that will provide bodily injury, personal injury and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability, automobile liability, and employer's liability. Such policy or policies shall include the following terms and conditions:

- A drop down feature requiring the policy to respond if any primary insurance that would otherwise have applied proves to be uncollectible in whole or in part for any reason;
- Pay on behalf of wording as opposed to reimbursement;
- Concurrency of effective dates with primary policies;
- Policies shall “follow form” to the underlying primary policies; and
- Insureds under primary policies shall also be insureds under the umbrella or excess policies.

Other provisions or requirements

Proof of insurance. Consultant shall provide certificates of insurance to Agency as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers’ compensation. Insurance certificates and endorsements must be approved by Agency’s Risk Manager prior to commencement of performance. Current certification of insurance shall be kept on file with Agency at all times during the term of this contract. Agency reserves the right to require complete, certified copies of all required insurance policies, at any time.

Duration of coverage. Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by Consultant, his agents, representatives, employees or subconsultants.

Primary/noncontributing. Coverage provided by Consultant shall be primary and any insurance or self-insurance procured or maintained by Agency shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of Agency before the Agency’s own insurance or self-insurance shall be called upon to protect it as a named insured.

Agency’s rights of enforcement. In the event any policy of insurance required under this Agreement does not comply with these specifications or is canceled and not replaced, Agency has the right but not the duty to obtain the insurance it deems necessary and any premium paid by Agency will be promptly reimbursed by Consultant or Agency will withhold amounts sufficient to pay premium from Consultant payments. In the alternative, Agency may cancel this Agreement.

Acceptable insurers. All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders’ Rating of A- (or higher) and Financial Size Category Class VI (or larger) in accordance with the latest edition of Best’s Key Rating Guide, unless otherwise approved by the Agency’s Risk Manager.

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Waiver of subrogation. All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against Agency, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow Consultant or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. Consultant hereby waives its own right of recovery against Agency, and shall require similar written express waivers and insurance clauses from each of its subconsultants.

Enforcement of contract provisions (non estoppel). Consultant acknowledges and agrees that any actual or alleged failure on the part of the Agency to inform Consultant of non-compliance with any requirement imposes no additional obligations on the Agency nor does it waive any rights hereunder.

Requirements not limiting. Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the Consultant maintains higher limits than the minimums shown above, the Agency requires and shall be entitled to coverage for the higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the Agency.

Notice of cancellation. Consultant agrees to oblige its insurance agent or broker and insurers to provide to Agency with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.

Additional insured status. General liability policies shall provide or be endorsed to provide that Agency and its officers, officials, employees, and agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.

Prohibition of undisclosed coverage limitations. None of the coverages required herein will be in compliance with these requirements if they include any limiting endorsement of any kind that has not been first submitted to Agency and approved of in writing.

Separation of insureds. A severability of interests provision must apply for all additional insureds ensuring that Consultant’s insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer’s limits of liability. The policy(ies) shall not contain any cross-liability exclusions.

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Pass through clause. Consultant agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by Consultant, provide the same minimum insurance coverage and endorsements required of Consultant. Consultant agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. Consultant agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to Agency for review.

Agency's right to revise specifications. The Agency reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the Consultant ninety (90) days advance written notice of such change. If such change results in substantial additional cost to the Consultant, the Agency and Consultant may renegotiate Consultant's compensation.

Self-insured retentions. Any self-insured retentions must be declared to and approved by Agency. Agency reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by Agency.

Timely notice of claims. Consultant shall give Agency prompt and timely notice of claims made or suits instituted that arise out of or result from Consultant's performance under this AGREEMENT, and that involve or may involve coverage under any of the required liability policies.

Additional insurance. Consultant shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the work.