



Board Meeting Agenda

Russ Baggerly, Director
Angelo Spandrio, Director
Brian Brennan, Director

Pete Kaiser, Director
James Word, Director

CASITAS MUNICIPAL WATER DISTRICT

Meeting to be held at the
Casitas Board Room
1055 Ventura Ave.
Oak View, CA 93022
April 10, 2019 @ 3:00 P.M.

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of §54954.2 of the Government Code and except that members of a legislative body or its staff may briefly respond to statements made or questions posed by persons exercising their public testimony rights under section 54954.3 of the Government Code.

1. Roll Call
2. Public comments (Items not on the agenda – three minute limit).
3. General Manager comments.
4. Board of Director comments.
5. Board of Director Verbal Reports on Meetings Attended.
6. Consent Agenda
 - a. Minutes from the March 27, 2019 meeting.
 - b. Minutes from the March 26, 2019 special meeting.
 - c. Recommend approval of professional services agreements with Rincon Consultants Inc. and Padre Associates Inc. for on-call environmental consulting services.
 - d. Recommend approval of professional services agreements with Oakridge Geoscience, Inc. and Yeh and Associates for on-call geotechnical services.

RECOMMENDED ACTION: Adopt Consent Agenda.

7. Review of District Accounts Payable Report for the Period of 3/21/19 - 4/03/19.

RECOMMENDED ACTION: Motion approving report.

8. Recommend approval of a Purchase Order to ERS Industrial Services, Inc. in the amount of \$62,717.02 for the removal, cleaning and reinstallation of media in pressure filter #7.

RECOMMENDED ACTION: Motion approving recommendation

9. Recommend authorizing the General Manager to sign a professional services contract with True North Research, Inc. in the amount of \$26,850.00 for services related to public surveys related to water resources issues.

RECOMMENDED ACTION: Motion approving recommendation

10. Information Items:

- a. Hydrology Report for March, 2019.
- b. Lake Casitas Recreation Area reports for January and February, 2019.
- c. Recreation Committee Minutes.
- d. HR Manager Recruitment Status Memo.
- e. Consumption Report.
- f. Investment Report.

11. Future Agenda Item Requests.

12. Closed Session

- a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (Government Code §54956.9(a) *Santa Barbara Channelkeeper v. State Water Resources Control Board; City of San Buenaventura*, San Francisco County Superior Court, Case No. CPF-14-513875.

13. Adjournment.

If you require special accommodations for attendance at or participation in this meeting, please notify our office 24 hours in advance at (805) 649-2251, ext. 113. (Govt. Code Section 54954.1 and 54954.2(a)).



Minutes of the Casitas Municipal Water District
Board Meeting Held
March 27, 2019

A meeting of the Board of Directors was held March 27, 2019 at the Casitas Municipal Water District located at 1055 Ventura Ave. in Oak View, California. The meeting was called to order at 3:00 p.m. President Kaiser led the group in the flag salute.

1. Roll Call

Directors Word, Spandrio, Baggerly, and Kaiser were present. Director Brennan was not present at the beginning of the meeting. Also present were Mike Flood, General Manager, Rebekah Vieira, Clerk of the Board, and Attorney John Mathews. There was one staff member and seven members of the public in attendance.

2. Public comments (Items not on the agenda – three minute limit).

Mark Bodycombe addressed the board stating I submitted a claim to the water district a month ago and I am here wanting to explain my case. He provided the board with a copy of the original claim to the district and a follow-up letter to Mr. Flood after he told me the district would not pay. My water meter was replaced in August 2017 and within several weeks a leak occurred on my side of the meter. The water district evaluated leak and determined the leak was caused by the installation of new meter and was the responsibility of the contractor. The contractor came back and repaired the leak. In February of this year the repair that the contractor did a year and half ago failed and began to leak again. The district turned off the water and the person indicated it was on our side of the meter and was our responsibility. There were phone conversations with staff that led me to believe that the district would cover the cost of the repair. I arranged for licensed plumber Max Reed to do the repair, photos of the leak and repair.

Director Brennan arrived at 3:04 p.m.

President Kaiser responded that Mr. Flood is investigating and will come up with a recommendation to the full board.

Bob McKinney, the second General Manager and Chief Engineer for the District, provided some information. I served from 1967-1987 and during that

time I made accomplishments to rename the district because of the lake and because the post office and others were confusing us with Ventura River County District. Then we were confused with Casitas Springs Mutual. Another accomplishment was that I helped the district sponsor the 1984 Olympics as the rowing venue. I also made water run over the spillway in March of 1978. We think we are low now but in 1962, four years after we starting storing water, 1962 was a wet year but Bob Music made arrangements to pump the small amount of water out of dead storage into the lower gate. Thank the good lord it rained. I am very pleased that you designated Mike Flood as new GM. Of the six general managers, five spent considerable time under the previous general manager since there is a large learning curve. The problems that existed with the one that did not have that advantage shows how important that is. I went to the State of the District last night and it was excellent. You have great staff and the presentations were terrific. It was well organized. I came to work for the district in 1964. There were sporadic comments that it would be a good idea to connect Rincon with Carpinteria County Water District. After we took over the administration of the Ventura County State Water contract we thought we should look at it. Congratulations on taking a serious look at it now. It is advantageous for both Casitas and Carpinteria.

Another speaker provided a hand out and stated that he believes that state water is a better route than pure water which will cost a lot. He added that there are advantages to state water and the City of Ventura is pushing state water off to the side.

President Kaiser thanked the mayor from City of Ventura for being at the meeting and serving as the liaison from the City Council.

3. General Manager comments.

Mr. Flood shared information on the reservoir conditions of the state water project. The reservoirs are brimming. Director Baggerly asked about the snowpack and Mr. Flood responded that he had not seen the latest snowpack reading. Mr. Flood then informed the board that the lake is at 505 feet, roughly 44.3% of capacity. The clean out is complete. We started back up around noon yesterday and are running now at about 75cfs.

Mr. Flood advised the board of a meeting invite for May 4th special meeting to develop the mission statement and discuss governance training hopefully with help from CSDA.

Clerk of the Board Vieira informed the board of the passing of former Board Member Bill Austin and former General Manager Lee Horn and requested that we adjourn the meeting in their memory.

4. Board of Director comments.

Director Word commented that he was impressed by the presentations and thanked staff for all of that effort. I was surprised that I noticed a few of those that have appeared before us who were most critical and vocal were not in attendance last night. They missed a good presentation. It was informative and good training for the department heads. Thank you.

Director Spandrio echoed Director Word's comments. It was a treat to be there and see and I learned some things that I didn't know. It is a tremendous opportunity for staff to get in front of the public. Thank you Director Kaiser for the impetus and I hope we do this every year. Thanks for the work it was a big effort. Mr. Flood added it was a team effort and hopefully we will do this in January of next year.

Director Brennan was very impressed with the level of expertise from staff. He suggested having the video tightened up and making it available for new employees to view

Director Baggerly added it was a great presentation. All the way through it I was thinking about what Governor Brown said and it is written in our psyche now – conservation is a way of life in So Cal. The drought is not over here, We have to continue conserving to make sure we have a secure water future and that is what we are doing.

President Kaiser thanked management, staff and the Director Spandrio on the ad hoc committee and Mr. Flood. From the many calls and comments that I have received, we hit the ball out of the park. It was a great team effort for everyone involved. Thanks to everybody.

5. Board of Director Verbal Reports on Meetings Attended.

Director Word reported that he attended AWA special issues meeting and the East Ventura commission meeting where Betsy Cooper said the city is moving forward with a commitment for the pure water issue. I also attended the Chamber's Economic Development session. The new city manager was there.

Director Spandrio reported on attending with Director Brennan and Mr. Flood the state water ad hoc meeting with United. It is interesting to hear the history and to hear what United has done this year and that United is broke or they would be buying more Article 21 water. I am curious on what their mission statement is as I am confused on what their roll is. It seems to a great opportunity to get something done, with coordination among agencies. If you only meet twice a year it is tough to be proactive.

Director Brennan attended the AWA meeting and the Waterwise breakfast meeting and attended the meeting with United.

Director Kaiser attended the AWA Waterside meeting last week.

6. Consent Agenda ADOPTED

- a. Minutes from the March 13, 2019 meeting.

The consent agenda was offered by Director Word, seconded by Director Baggerly and adopted by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

7. Review of District Accounts Payable Report for the Period of 3/07/19 - 3/20/19. APPROVED

On the motion of Director Brennan, seconded by Director Baggerly the Accounts Payable Report was approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

8. Consideration of the addition of three employee positions in two departments: APPROVED

- a. Administration: Full Time/Permanent Utility Billing Accounting Technician.
b. Public Relations/Conservation: Full Time/Limited Term (Two Years) – Water Conservation Specialist.
c. Public Relations/Conservation: Part Time – Water Conservation Technician.

On the motion of Director Word, seconded by Director Brennan, the above recommendations were approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

9. Recommend approval of Task Order for Professional Engineering Services from MNS Engineers in the not to exceed amount of \$72,230 for Ojai 12-inch Pipeline Alignment and Project Scoping Study.

APPROVED

On the motion of Director Brennan, seconded by Director Spandrio, the above recommendation was approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

10. Recommend authorization of Professional Environmental Consulting Services with Rincon Consultants in the not to exceed about of \$98,559 for the Ventura River-Santa Barbara Counties Intertie. APPROVED

On the motion of Director Brennan, seconded by Director Word, the above recommendation as approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

11. Recommend authorization of Professional Hydrogeologic and Construction Management Services to Pueblo Water Resources, Inc. in the not to exceed amount of \$109,241 for the District's Mutual Replacement Well. APPROVED

On the motion of Director Baggerly, seconded by Director Brennan, the above recommendation was approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None
ABSENT: Directors: None

12. Information Items: APPROVED

- a. Executive Committee Minutes.
- b. Finance Committee Minutes.
- c. Personnel Committee Minutes.
- d. Water Resources Committee Minutes.
- e. CFD 2013-1 Improvement, Bond Funds and Project Report.
- f. Investment Report.

On the motion of Director Brennan, seconded by Director Baggerly, the Information items were approved by the following roll call vote:

AYES: Directors: Word, Spandrio, Brennan, Baggerly,
Kaiser
NOES: Directors: None

ABSENT: Directors: None

13. Future Agenda Items.

Director Spandrio informed the board that the copy of the proposal for the HR Manager included a schedule and at week ten there was to be an interim report submitted by the contractor. Can we have the interim report on the next agenda? Mr. Flood replied that we are meeting on Monday to discuss candidates and a report can be made to the Board.

14. Adjournment.

President Kaiser adjourned the meeting in memory of Bill Austin and Lee Horn at 4:15 p.m.

Brian Brennan, Secretary



Minutes of the Casitas Municipal Water District
Special Board Meeting Held
March 26, 2019

A special meeting of the Board of Directors was held March 26, 2019 at the Oak View Resource Center located at 555 Mahoney in Oak View, California. The meeting was called to order at 6:03 p.m. President Kaiser led the group in the flag salute.

1. Roll Call

Directors Word, Spandrio, Brennan, Baggerly, and Kaiser were present. Also present were Mike Flood, General Manager, Rebekah Vieira, Clerk of the Board, and Attorney John Mathews. There were ten staff members and approximately 50 members of the public in attendance.

2. Public comments (Items not on the agenda – three minute limit).

None

3. State of the District including presentations from District Management.

Good evening; my name is Pete Kaiser and I am the President of the Board for the Casitas Municipal Water District.

Fellow Board members, elected officials, community leaders, members of the public and our district staff:

A warm welcome to all of you for being here at Casitas' First Inaugural State of the District.

I'd like to thank our Board and Staff for this opportunity to reach out to the public and provide key information about our operations since December 2017 and our plans for the future.

Thank you to those elected officials and representatives who have come tonight to join us for this presentation. Michelle Sevilla from Assembly member Monique Limon's office is well as Cindy Cantle from Supervisor Bennett's office.

I'd like to start by reminding everyone that although we've had a significant rain

season, our historic drought still presents ongoing and future challenges not to mention, one such extraordinary challenge--- unprecedented silt flow and debris load from the back country affected by the Thomas Fire. Several times this season our water diversion/fish ladder system was inundated by silt, yet our staff quickly resolved and conquered these obstructions to keep water running in the diversion canal.

Moreover, since hitting the low point of 30% in January 2019, Lake Casitas has risen over 23 feet and added over 33,000 acre-feet of additional water supply. Our groundwater wells are also replenishing due to the rainfall.

But we're not out of the woods yet. We definitely welcome the rain but know we will need a combination of more rainfall, in fact, probably several wet years, a public investment in new projects, programs to bring more water supplies to the district and continued conservation in order to truly have water security. We will be approaching communities throughout the District in the upcoming months to gauge support for critical capital projects funding to enable efforts for enhanced water security. We believe the time is right, and with public support from throughout the District, we can make it happen.

Nevertheless, our District staff is working diligently and will continue to manage our water resources and address the shared challenges for delivery of water to residents, business, and agriculture in this Mediterranean-like semi-arid climate we all enjoy and call home.

The Board and staff are continually analyzing options for new infrastructure, including connecting to state water from multiple directions through new pipelines and accessing new sources of groundwater—just take a look at our project updates on the Casitas website. One such project, the Santa Barbara/Casitas interconnect for which we hope to secure grant funding shortly, would enable construction to commence in just a couple years.

We're also making progress in negotiations with State and Federal partners by revisiting bureaucratic decisions that limit our ability to maintain our facilities, maximize diversions from the Ventura River and steward the environment. I'm proud to report that the District has been recently allowed to increase its ability to divert more water during recent storms as a result of these negotiations and we will continue to press for adjustments as climactic conditions warrant. I want to thank our Federal and State elected officials who assisted us in expediting permitting efforts with many external governmental agencies.

Following a historic voter decision to transfer the Ojai City water system from Golden State to this District, we've embarked on significant upgrading of that System. This has rapidly taken place following acquisition by Casitas. We've handled weekly blow-outs, installed new lines and pumps, and are investing in the future, modernizing and making water delivery more effective in this area.

All of this in just two years of Casitas management -- thanks again to our teams of Operations and Engineering staff.

We're also emphasizing to other water districts and purveyors in the Ojai Valley (of which there are around 25 various water purveyors including mutuals) that we **all** have a shared responsibility to independently invest in new sources of water and the necessary infrastructure improvements to preserve the Lake. Lake Casitas was designed to be a back-up source of water for wholesale customers, an insurance policy of sorts, during extended droughts or emergencies. These customers should not defer investments in their primary supply systems and infrastructure which consequently may prematurely stress Lake Casitas.

For thousands of people throughout the region and beyond, Lake Casitas continues to be a destination of choice for recreational opportunities —even during the drought. And our capable staff work hard to keep a safe, clean environment for families to enjoy at campside as well as protect our Lake, water resources, and surrounding environment from contamination and infiltration of invasive species.

Meanwhile, while we're working on all these critical Casitas projects and programs, we're also continuing to modernize and expand our communication and transparency efforts to keep you informed. Our Board meetings are now live-streamed and also recorded to enable after-hours viewing. A new user friendly website is scheduled to be inaugurated by July of this year. And this year, as President, I instituted the initiation of the State of the District.

This Board is committed to be your fiduciary guardians, to carefully evaluate presentations, projects and associated expenditures, to be fiscally prudent and not throw money at every request or special interest that comes to us without considering the fiscal impact. We will always inquire whether an item or proposal effectively accomplishes our core mission and priority---to provide quality, reasonably priced water now and into the future. A special thanks is in order to our Finance administration staff for closely monitoring our budget and passing all independent financial audits.

We continue to be the public's champions in water delivery, to anticipate, be proactive, exercise foresight and respond to water challenges rather than hastily react. We will prospectively plan for rather than retrospectively contend with the future. And through these efficiencies, our team will tackle the challenges our District may face today, tomorrow and beyond.

Tonight, we've assembled our capable and knowledgeable staff to present our status report of various aspects of the District's operations including projects and issues critical to our water future. There's going to be a lot of detailed information - for those in the audience who have questions there will be a Q&A at the end, just fill out the cards that are being handed out. We're going to collect them in a little bit and try and answer as many of your questions as we can

tonight, and rest assured for those that we don't get to we will answer and post online along with the video recording of this State of the district.

Thank you again for coming tonight. I'm proud to now introduce our new General Manager Michael Flood, who will give you the order of the evening and presenter line-up.

Michael became the new District General Manager on the 23rd of January. He comes with:

- 17 years working for several water agencies in Southern California
- Twelve years overseeing imported State water supplies for the Antelope Valley East Kern Water Agency—which serves more than 350,000 people dependent on those supplies.
- And most recently 2 years with Casitas serving as Assistant GM, Operations & Maintenance Manager, Engineering Manager, Public Relations & Water Conservation Manager, and Interim GM (I must add he handled these previously mentioned responsibilities while the Interim and Assistant GM).

His Education/Certifications:

- Bachelor's Degree in Civil Engineering; Cal State Northridge
- Master's Degree in Public Administration; Cal State San Bernardino
- Civil Engineer Registered with the State of California

Mr. Flood addressed the audience and explained that when he looked at the details in the water system he was astounded in the investment that was made in the 1950's looking forward to the future and a lake that holds so much water for a population that uses a fraction of that each year. The \$32 million dollar investment then is around \$300 million in today's dollars. We are at a point in time when we may need to consider the need to invest in another source.

Presentations:

Public Relations/Conservation department

Mr. Flood explained that the area has done an outstanding job of conservation and have conserved above and beyond what the district asked for. Me went on to introduce Bryan Sandoval who previously worked with the Arizona Department of Water Resources and we are happy to have him on board.

Bryan Sandoval explained the three major functions of his area, Public Relations, Legislative and Conservation. An additional item of note is that water usage is 40% below our pre drought usage.

Recreation

Mr. Flood introduced Park Services Manager Carol Belser who has been with the district since 2009 and previously spent time with the city of Ojai and organization in Santa Barbara County.

Ms. Belser provided a history of the lake and explained the relationship with the Bureau of Reclamation. The recreation area serves over 665,000 customers per year and is tasked with protecting the resource, providing public education, inspects vehicles and manages the open space. Additionally, many youth in the area obtain their first job working at the recreation area.

Safety

Mr. Flood introduced Safety Manager Greg Romey who has been with the district since 2016. Prior to that Mr. Romey worked for Waste Management. He has obtained good results in our inspections with the Bureau which is important since the bureau owns the majority of the land and facilities.

Mr. Romey explained the scope of his area including Employee Safety, Compliance and Risk Management. In the last year with 196,000 hours worked, there was one lost time event and three OSHA recordable injuries. There is a continued focus on training. Over 2000 trainings have been done and a training and documentation platform is being implemented in order to obtain better compliance and usable metrics.

Operations & Maintenance

Mr. Flood introduced Operations Manager Michael Shields who holds Treatment V and Distribution V certifications. He has been with the district since 2006 and previously spent time with United and has worked with diversions. We are lucky to have him as our Operations Manager.

Mr. Shield explained that his area has six sections with a total of 28 well qualified employees holding certifications in Treatment and Distribution from the State Water Resources Control Board, AWWA Certifications for water quality, advanced driver licenses and pesticide applicators licensing. Mr. Shields explained that there is 28 million gallons in storage in 21 reservoirs. We have 16 pump stations, 5,800 connections and 160 miles of pipeline. The addition of the Ojai Water System has been challenging especially with the lack of information that was provided and the numerous leaks that system continues to have.

Fisheries

Mr. Flood introduced Scott Lewis our Fisheries Biologist who has been with us since 2006 and is responsible for research and keeping us in compliance with the Biological Opinion.

Mr. Lewis explained that his area is focused on Robles and the Biological Opinion requirements that were established by the National Marine Fisheries Service that we have to adhere to and follow the criteria. The annual progress reports and the BO are on the website if you want to review them. Mr. Lewis discussed the testing and monitoring that the department performs.

Mr. Flood added that this work is important. Regulators will regulate and won't give you more and usually will try to take things away. It is important to have data that shows what we are doing is working.

Administration

Mr. Flood explained that our Finance Manager is unable to be here tonight and he went on to explain the function of administration with customer service, utility billing, purchasing and payroll. There were operational challenges for this department as the acquisition of the Ojai System doubled the number of customer. Audits have been successful with no findings. In 2018 the department generated 70,000 customer bills; service orders went from 759 to 1,527 with the additional system.

Engineering

Mr. Flood introduced Engineering Manager Julia Aranda who came on board in 2018. Ms. Aranda previously spent some time working with Las Virgenes and worked in the competitive field of private consulting.

Ms. Aranda started her presentation saying she is not board. Every department is busy. Engineering has a staff of six. Four of them are new in the last year. Engineering provides support for all the other departments and is responsible for the capital Improvement Program. We have a long list of projects including the condition and assessment of the Ojai Water System. Goals for 2019 include water supply, environmental compliance and infrastructure improvements.

Mr. Flood explained that there was plant matter in Robles and we were unable to obtain a permit but it was eventually taken care of when we had to obtain an emergency permit when it filled up with silt and debris. About a week ago it filled up again and we removed the silt and debris under an emergency permit. We moved more than 32,000 AF thru the facility and had folks on the facility 24/7 to operate it during large events. We are working to get a permit to remove the approximately 70,000 cubic yards of silt and debris hopefully to be removed in August. The lake is over the 40% level and we have a huge amount of water in storage for a small population. The area has little growth pressures

on it. The district is facing decisions on future infrastructure. Do we need new water sources? Staff will go to the board next month to begin some polling work to understand people's level of interest in voting for a bond to pay for additional infrastructure. There are two projects on state water. One from north, and one from the south. Would help to keep the lake looking more full.

Mr. Flood then read and answered some questions that were turned in from the audience. There was a question on emergency management and Casitas Dam and risk mitigation. Mr. Flood explained that the Dam is owned by the Bureau of Reclamation. Regarding emergency response, there are specific actions to be taken. The majority of alerting of public would occur thru the Office of Emergency Services. Mr. Shields added that we will be holding a table top exercise in June and added that a Dam Tender lives at the dam and performs daily inspections of the dam.

The second question was does Casitas sell water to West Ventura. Mr. Flood answered Yes. Citizens of Ventura were a large part of making this project work. Right now they are taking around 2,300 AF per year. They have cut back considerably.

The third question was how is Meiners Oaks tied into Casitas? Mr. Flood explained there are three different connections. They have been 100% on Casitas as they have had difficulty with their wells. Ventura River is also tied in.

4. Adjournment.

President Kaiser thanked the audience for attending the meeting. He then introduced the directors and former Board member Bergen. He added that the questions that we didn't get to will be answered on our website. He then adjourned the meeting at 7:45 p.m.

Brian Brennan, Secretary

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: MIKE FLOOD, GENERAL MANAGER
FROM: JULIA ARANDA, ENGINEERING MANAGER
SUBJECT: ON-CALL ENVIRONMENTAL CONSULTING SERVICES
DATE: 04/10/19

RECOMMENDATION:

It is recommended the Board of Directors sign professional services agreements with: Rincon Consultants Inc. and Padre Associates Inc. for on-call environmental consulting services.

BACKGROUND:

The Engineering Capital Project budgets for fiscal years 2018-19 and 2019-20 include significant improvements to the Casitas and Ojai Water Systems. The number and scope of these improvements requires the assistance of outside environmental consulting services for compliance with the California Environmental Quality Act (CEQA) and permitting from regulatory agencies. District Engineering staff will coordinate the work of consultants for specific projects.

Rincon Consultants (Rincon) and Padre Associates Inc. (Padre) are currently providing services to the District including preparation of documents to comply with CEQA and permitting assistance with multiple agencies including the Regional Water Quality Control Board, US Army Corps of Engineers, and California Department of Fish and Wildlife. It is anticipated additional services will include construction phase monitoring (biological, archaeological, paleontological, and arborist), particularly for projects related to the Robles Diversion Facility and Ojai Water System Pipeline Improvements. The term will be until June 30, 2020 and may be extended at the District's option.

Task orders will be issued to firms on a rotating basis based on the expertise of the firm and their subconsultants. The consultant selected for the Task Order will provide a letter proposal to the District with a project understanding, approach, scope, fee, and schedule. A separate Task Order will be issued for each project with a negotiated scope, fee, and schedule. There is no designated minimum nor maximum value of services to be awarded to any one consultant. Task Orders above the General Manager's authorization limit will be presented to the appropriate Committee, if necessary, and the Board for approval.

BUDGET IMPACT:

Funding is included in the budgets for specific projects in the Casitas System and Ojai System Capital budgets for FY 2018-19 and 2019-20.

Attachments:

Statement of Qualifications for Professional Environmental Consulting Services, Padre Associates Inc.

Statement of Qualifications, Rincon Consultants, Inc.



Rincon Consultants, Inc.

180 North Ashwood Avenue
Ventura, California 93003

805 644 4455 OFFICE AND FAX

info@rinconconsultants.com
www.rinconconsultants.com

March 28, 2019
Project No: 19-07547

Julia Aranda, PE
Engineering Manager
Casitas Municipal Water District
1055 Ventura Ave
Oak View CA 93022

Subject: Statement of Qualifications for On-Call Environmental Consulting Services

Dear Ms. Aranda:

Rincon Consultants, Inc. (Rincon) is pleased to submit this Statement of Qualifications to the Casitas Municipal Water District (Casitas) to provide on-call environmental consulting services. A core business area for Rincon is water infrastructure projects and our firm has provided environmental consulting services for water resources projects for over 25 years. We have successfully completed the environmental analysis and permitting processes for a number of water, wastewater and stormwater conveyance, storage and treatment projects, and other water-related infrastructure projects throughout California. Our philosophy on all projects is to encourage early agency and public scoping, and to develop and maintain close communication between project owners, engineering consultants, regulatory agencies and other stakeholders to ensure technical adequacy and timely review of project deliverables. This approach enables us to avoid costly and time-consuming constraints early in the assessment process, minimizing or avoiding potential conflicts with funding or permitting deadlines.

We pride ourselves on our ability to work effectively with District staff, decision-makers and community groups to develop and implement efficient approaches and solutions to environmental resources issues. We believe our expertise acquired by maintaining long-term on-call agency contracts is critical and gives us a unique understanding of, and sensitivity to, the broad range of issues which will be important to the success of this program. The following features of our project team make us uniquely suited to this important on-call services contract.

- Local office in Ventura since 1994
- Extensive experience providing on-call environmental resources services, including to Casitas
- Proven project management expertise
- Adherence to successful internal quality assurance program
- Staff who are highly knowledgeable of key technical issues
- Familiarity with the community and relevant regulatory agencies
- Principal-level commitment to the success of all projects



We are confident you will find our team highly qualified in all technical and management areas required for successful implementation of this contract. We welcome the opportunity to meet with you to further discuss your needs and how our qualifications are well-suited to this program.

Sincerely,

Rincon Consultants, Inc.

A handwritten signature in blue ink, appearing to read "Jennifer Haddow".

Jennifer Haddow, PhD
Principal Environmental Scientist

A handwritten signature in blue ink, appearing to read "Steven Hongola".

Steven Hongola
Principal Biologist



Statement of Qualifications

Casitas Municipal Water District

On-Call Environmental Consulting Services

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Qualifications and Experience



Rincon is a multi-disciplinary environmental sciences, planning, and engineering consulting firm providing quality professional services to government and industry. Our professionals are experienced in urban, land use, and environmental planning; regulatory compliance;

biological resource evaluation and habitat enhancement; cultural resources evaluation and planning; soil evaluation and remediation; and related studies including problem-solving services in geology, hydrology, and waste management. Our approach is focused on well-designed solutions which respond to our clients' specific needs in a cost-effective manner.

The Rincon team has been designed to provide the key technical expertise necessary to provide a solid foundation of evidence to support environmental impact conclusions meeting the requirements of both CEQA and NEPA and provide expertise in the various regulatory permitting requirements relevant to Casitas projects and programs.

Our client portfolio contains water districts and municipal water providers across the state, including several in the Ventura County area: United Water Conservation District, City of Ventura, Ventura County Watershed Protection District, City of Thousand Oaks as well as Casitas. We also hold an on-call with the Metropolitan Water District of Southern California to provide environmental documentation and permitting services throughout their service area and have worked with a number of other districts serving smaller areas.

General Project Approach

Rincon will provide Casitas with a team of environmental professionals experienced in working with CEQA and NEPA compliance and regulatory permitting. In addition, Rincon will make available specific technical expertise in a range of environmental issue areas, including but not limited to, air quality, greenhouse gases, noise, hazardous materials/health risk, water supply and quality, biological resources, and cultural resources.

Our firm has successfully prepared hundreds of CEQA and NEPA documents for agencies throughout California. We have also authored hundreds of technical support documents, including noise, air quality, greenhouse gas inventories, and hazardous materials studies. Our team is familiar with the federal documentation requirements for projects using funding administered by the State Revolving Fund, FEMA/CalOES Hazard Mitigation Grant Program and the United States Department of Agriculture Rural Development Program.

Legal Name: Rincon Consultants, Inc.

Founded: 1994

Legal Form: California "S" Corporation

Professional Staff: 250+

California Offices: 13
(Ventura, Santa Barbara, Los Angeles, Redlands, Carlsbad, San Diego, Riverside Fresno, San Luis Obispo, Monterey, Santa Cruz, Oakland, and Sacramento)

Website:
www.rinconconsultants.com

Company Highlights:

- Received three Association of Environmental Professionals awards in 2019
- Named one of the "Best Places to Work" by Zweig-White (2009, 2015, and 2017)
- Named Hot 100 Firm list, recognizing revenue growth over time (2007, 2009, 2011, 2015, 2016, and 2017)
- Named to the Inc. 5000 list of the fastest-growing companies nationwide (2007, 2009, 2011, 2015, 2016, and 2017)
- Headquarters is LEED EBOM Certified



The preparation of environmental documentation commonly involves review of documents, attending meetings with the lead agency, interaction with regulatory agencies, preparation of reports, and attendance at public meetings and hearings. For the CEQA process, this task normally starts with a review of the CEQA Guidelines to assess whether or not a project is exempt from more detailed environmental review. Exemptions are relatively well-defined in the Guidelines and include the categories of projects which will not likely result in significant environmental effects (e.g. repairs or replacements of existing facilities, construction of small structures, construction of certain types and lengths of pipelines). If not exempt, we will complete an Initial Study Checklist to determine the appropriate environmental clearance document under CEQA. For projects where all impacts can clearly be mitigated and where there is not a strong base of public controversy, a ND or MND is prepared. For projects which may result in a significant environmental impact or has strong public controversy an EIR is typically the appropriate CEQA document. When an EIR is required, we utilize the Initial Study and scoping process to focus the document on impacts with the potential to result in significant impacts. While the focus of our work is on preparing the required CEQA documentation, we also provide components necessary to fulfill the federal documentation requirements for funding sources provided at the federal-level for water supply projects.

Rincon will also assist Casitas with various environmental permit applications. The permit process associated with impacts to protected jurisdictional waters, wetlands, or biological resources can be a veritable maze. Construction activities may require permits because of potential impacts to individual biological resources, such as listed species, nesting birds, and jurisdictional drainages and wetlands. We will work closely with Casitas to determine which permitting options are available, discuss beneficial project design alternatives, and clearly communicate the cost, schedule, and requirements associated with each permit. Our solid working relationship with resource agencies allows us to effectively streamline the permitting process. Specific tasks during permit acquisition include identifying those specific permits and approvals necessary, completing the applications, negotiating conditions concerning applicable issues, pursuing approval, and planning and implementing the final permit requirements.

Key Staff Qualifications

Rincon staff has considerable experience providing environmental analysis and permitting for water resources projects. We have a high level of professional expertise, which includes the integration of senior management and oversight in all phases of each project. This ensures a consistent high-quality product, whether it involves writing a report, negotiating with resources agencies, or preparing for and attending public outreach events. In addition, our cost structure minimizes unnecessary overhead expenses, allowing us to be highly cost-competitive for both large, complex projects, as well as smaller, more conventional projects. Biographies of key staff for this contract are provided below.

Jennifer Haddow, PhD, MSc - Principal Environmental Scientist



Role: Principal in Charge, QA/QC
Education: Ph.D., Biogeochemistry, University of Aberdeen, UK; M.Sc., Environmental Science, University of Aberdeen, UK; B.Sc., Environmental Policy Analysis and Planning, University of California, Davis; Associate, Institute of Environmental Management and Assessment

Dr. Haddow will serve as the Principal-in-Charge for this on-call contract. She will oversee administration of the contract, ensure company resources are available to meet the required deadlines and provide quality assurance/quality control (QA/QC) for project deliverables. She has over 15 years of professional



experience in the field of environmental science and assessment and has prepared and coordinated all levels of environmental documentation for large and small-scale infrastructure projects, with an emphasis on water supply, storage, conveyance and quality projects, as well as watershed planning studies. Her philosophy is to provide excellent, “no-surprises” consultancy advice and expertise to her clients and she uses her strong project leadership skills and exceptional QA/QC guidance to achieve this goal. Dr. Haddow currently manages Rincon’s Environmental On-Call Contract with the Metropolitan Water District of Southern California and has served as project manager on a number of projects under the contract. In addition, she has managed or served as the Principal-in-Charge for the environmental documentation/compliance processes for a number of Rincon’s water-related clients, including Water Replenishment District of Southern California, West Basin Municipal Water District, United Water Conservation District, Coachella Valley Water District, Casitas Municipal Water District and Las Virgenes Municipal Water District.

Lindsay Griffin, CISEC, QSP - Senior Biologist



Role: Program Manager, Biological Resources Studies - Aquatic Resources Lead
Education: M.S., Evolutionary Ecology, University of New Mexico, Albuquerque, New Mexico; B.S., Biology, California State University, Bakersfield

Ms. Griffin has over six years’ experience in environmental consultancy, focusing on coastal watershed resources and providing support to clients on biological resources analysis, regulatory permitting, project management, and CEQA and NEPA related assignments statewide. Lindsay graduated from the University of California, Santa Barbara with a Bachelor’s of Science degree in Environmental Studies with an emphasis in Ecology, Evolution and Marine Biology. Lindsay has extensive training with the fauna and flora of the California coast. She has received specific training in survey protocols, habitat requirements and natural histories of the tidewater goby, steelhead, Santa Ana sucker, arroyo chub and California red-legged frog, as well as federally and state listed coastal avian species such as the California least tern and western snowy plover. She holds a United States Fish and Wildlife Service Recovery Permit 10(a)(1)(A) for tidewater goby. Lindsay has conducted extensive surveys and provided monitoring for the above species throughout southern California. Additionally, Ms. Griffin is a water quality specialist and a qualified CISEC (Certified Inspector of Erosion and Sediment Control) and a QSP (Qualified SWPPP Practitioner). She has managed and implemented numerous water quality and storm water compliance projects. She is responsible for oversight and implementation of fieldwork, data collection, compilation, client and agency contact, report preparation, and project management.

Melissa J. Whittemore, - Senior Project Manager



Role: CEQA/NEPA Project Manager, Senior CEQA Analyst
Education: B.S., Biology with an emphasis in Ecology, San Diego State University; Graduate Certificate, National Environmental Policy Act, Utah State University

Melissa Whittemore has more than 16 years of experience in the environmental planning field. To date, she has worked on over 100 projects throughout California. Her responsibilities include managing and preparing environmental compliance documents and associated technical studies in accordance with CEQA and NEPA. Her clients include federal, state, regional, and local government agencies; water districts; and private companies. Ms. Whittemore specializes in infrastructure projects, including both transportation (e.g., railway tracks and yards, freeways, ports of entry, roadways, bikeways, trails) and utilities (e.g., water and sewer lines, pump stations, reservoirs, recharge basins,



wastewater treatment plants). Ms. Whittemore excels at conducting QA/QC reviews on documents prepared by others.

Chris Duran, MA, RPA - Principal Archaeologist



Role: Cultural Resources Lead/Principal Investigator
Education: M.A., Anthropology, Northern Arizona University; B.S., Anthropology-Cultural Resources Management, California State Polytechnic University, Pomona
Registration: Registered Professional Archaeologist (ID# 415730)

Mr. Duran meets and exceeds the Secretary of the Interior’s Professional Qualification Standards and is listed on the Register of Professional Archaeologists. He has worked throughout California for various municipalities and water districts assisting in cultural resources investigations for new installations and infrastructure updates. Mr. Duran is an expert in State and federal regulations as they pertain to cultural resources and serves as Principal Investigator for Rincon’s CEQA-Plus related projects providing resource recommendations and mitigation measures allowing clients to remain in sound compliance with applicable regulations. He has also assisted various clients in consultation with the State Water Resources Control Board and understands the unique requirements of the State Water Resources Control Board regarding cultural resources investigations. Mr. Duran has extensive experience with various water districts including the Metropolitan Water District of Southern California, Las Virgenes Municipal Water District, Water Replenishment District of Southern California, Casitas Municipal Water District, United Water Conservation District and Eastern Municipal Water District.

Steven J. Hongola - Principal Biologist/Senior Ecologist



Role: Biological Resources Studies - QA/QC, Regulatory Permitting
Education: B.S., Evolution and Ecology (Minor: History), University of California, Davis
Certifications: Federal 10(a)(1)(A) Permit TE 091463-3, Coastal California Gnatcatcher; CA Scientific Collecting Permit (801034-01); Trained California Rapid Assessment Method (CRAM) for Wetlands Practitioner; Trained Wetland Delineator: Difficult Wetland Situations, Arid West Supplement, Wetland Delineation Manual; Trained Practitioner

Mr. Hongola has more than 14 years of professional experience in the environmental field. His areas of expertise include biological resources assessments, focused surveys for sensitive species, jurisdictional waters and wetlands delineations, habitat restoration and management, conservation planning, regulatory permitting, and biological compliance monitoring. He specializes in avian field studies and holds a federal 10(a)(1)(A) permit to conduct protocol surveys for coastal California gnatcatcher. Mr. Hongola has professional experience with several large public agency projects including overseeing Rincon’s team of scientists implementing the compliance monitoring program for Metropolitan Water District of Southern California’s Palos Verdes Reservoir Upgrade Project, Santa Ana River Bridge Upgrades Project, Foothill Feeder Dewatering Project and F.E. Weymouth Treatment Plant Upgrades Project. Currently Mr. Hongola is preparing a Multiple Species Habitat Conservation Plan, technical studies, and regulatory permitting for the Freeman Diversion Fish Passage Project and long-term Operations and Maintenance activities on behalf of the United Water Conservation District.



Matthew Long, MESC, MPP



Senior Environmental Scientist

Role: CEQA/NEPA Project Manager, Hydrology and Water Quality Lead

Education: M.E.Sc., Water Resources Specialization, Yale School of Forestry & Environmental Studies; M.P.P., Natural Resource Management Concentration, University of California, Los Angeles Luskin School of Public Affairs; B.A., Comparative Literature, University of California, Berkeley

Mr. Long has over 14 years of experience providing robust environmental analyses on complicated projects, including water conveyance projects. His experience includes water quality, benefit-cost analysis, GIS modeling, and database management. Mr. Long conducts environmental impact analyses for a wide variety of projects throughout California and Arizona. Some key areas of experience include: potable and recycled water pipeline construction, upgrade, and replacement projects; potable reuse, groundwater injection, and groundwater recharge projects; Low Impact Development and stormwater management projects; flood control, dam operation, and dredging projects; large- and small-scale renewable energy construction projects; high-voltage transmission line construction, upgrade, and maintenance projects; and county- and region-wide planning for renewable energy siting. Mr. Long is currently managing the environmental documentation for Casitas Municipal Water District’s Ojai Water System Upgrade Project.

Eric W. Schaad, MS



Senior Biologist

Role: Biological Resources Studies - Terrestrial Biology Lead, Regulatory Permitting

Education: M.S., Evolutionary Ecology, University of New Mexico, Albuquerque, New Mexico; B.S., Biology, California State University, Bakersfield

Mr. Schaad has 15 years of experience as a biological researcher, educator, and environmental consultant. His experience extends to conducting biological research and fieldwork based on agency protocols and preparing and consulting on regulatory permits. Mr. Schaad has extensive experience in technical report preparation and review, habitat conservation plan preparation, compensatory mitigation planning, CEQA environmental documents, and technical project management. He possesses expertise in preparing CEQA- and NEPA-level biological assessments and document preparation. Mr. Schaad’s project experience involves commercial development, transportation, transmission, oil and gas development, renewable energy, and water utility and infrastructure projects. His specific area of species expertise includes fish and reptiles, and he also has extensive experience with birds, mammals, and amphibians.

Innovative Consulting

For each of our on-call service agreements, we strive to achieve an outstanding and enduring consultant/client relationship. This starts with our goal of becoming the “best consultant” each client works with. One of the keys to our high level of success in this area has been our development of client-specific management programs outlining the focused needs of the client and our tailored approach to meeting those needs. These programs include but are not limited to defining reporting structure and protocols, quality control procedures, systems development (billing, progress reporting, etc.) and other technical and operational elements which will be followed throughout the duration of the program.



We are also adept at developing internal databases for tracking contract status, project specifics, natural resources, GIS data and general performance and will apply our experience towards the implementation of tasks under this contract. For example, Rincon developed an in-house management tracking tool in Microsoft® Access tailored to track multiple small utility projects and developed a Project Management and Tracking Data Base for use by project managers to track permit acquisition and long-term monitoring requirements for hundreds of individual projects. As part of our internal project accounting, we were able to provide a large utility with a better accounting of their mitigation requirements and identify the need for additional endangered species coverage. Our field staff utilize state-of-the-art PC tablets and applications for field data collection, mapping, and reporting. These tools streamline data collection and have significantly reduced cost and reliability for recording field data. Additionally, we understand the importance of safety and accessibility. To ensure staff and clients have access to Principal-level support we have established an after-hours call system which provides one number for important calls, after regular company hours. The phone system relays phone calls to five Principals. The delivery ensures the phone is answered or a message is delivered to all five phones. The first Principal to receive the call or message is equipped to respond or relay the needs to the appropriate personnel.

Project Management

In every project we complete, we endeavor to provide our client with a high-quality product which meets or exceeds expectations, and for which all applicable professional standards and regulatory requirements are met. To meet this standard, we have developed a Casitas Municipal Water District Management Plan detailing a systematic project management approach which commences with receipt of a work order and concludes upon submittal of a completed report. Project management will provide the necessary interface with Casitas, other responsible agencies, and the consultant project team. The major components of our management plan include technical direction, communication and documentation, cost and schedule control, project reporting, quality assurance and quality control, problem anticipation, and staff selection.

Project Experience

On-Call Engineering Services

Reference Info:

Julia Aranda, Engineering Manager
Casitas Municipal Water District
1055 North Ventura Avenue
Oak View, California 93022
jaranda@casitaswater.com

Staff: Jennifer Haddow (Principal-in-Charge), Steve Hongola (Principal Biologist), Eric Schaad (Senior Biologist/Regulatory Permitting), Melissa Whittemore (CEQA Analyst), Lindsay Griffin (Senior Biologist/Regulatory Permitting), Matthew Long (CEQA Analyst/Project Manager), Chris Duran (Principal Investigator – Cultural Resources)

Dates: May 2018 – Ongoing

As a subconsultant to three engineering Primes, Rincon was awarded a one year on-call contract to provide Environmental Consulting services to support compliance with CEQA for capital projects and provide assistance with regulatory permitting.

The following is a list of three projects currently in progress under this contract.

- **Lake Casitas Vegetation Management Plan CEQA and Permitting**
Rincon has prepared a permitting strategy and is currently assisting Casitas Municipal Water District in obtaining a long-term vegetation management plan for the shores of Lake Casitas. The lake is 44 percent full and the significant drought has exposed the vegetated slopes along the edges of the lake. The removal of this vegetation will decrease the organic loading in the lake once lake levels



rise, which will likewise decrease the amount of chemical treatment required to reduce algal blooms and disinfect the water for potable uses. Lake Casitas is under the jurisdiction of the United States Bureau of Reclamation. A Management Agreement between the federal government and Casitas Municipal Water District for the Administration, Operation, Maintenance and Development of Recreational Uses and Facilities was executed in October 2011 requiring compliance with the approved Resource Management Plan and Final Environmental Impact Statement and Record of Decision. This poses challenges in the project and may require environmental documentation under NEPA. Rincon will prepare all necessary environmental documents including the preparation of an Initial Study-(Mitigated) Negative Declaration, a Jurisdictional Delineation Report, and a Biological Resources Assessment.

▪ **Robles Dam Diversion Rebuild CEQA Documentation and Regulatory Permitting**

Rincon completed a Biological Review and a Statutory Exemption under CEQA for the rebuilding of the timber cut-off wall at the Robles Dam Diversion damaged during the Thomas Fire of 2017. The Robles Dam Diversion is located on the Ventura River, 1.5 miles downstream of the confluence of Matilija Creek and North Fork Matilija Creek, in unincorporated Ventura County, California. The Robles-Casitas Canal carries water to Lake Casitas from the Robles Dam Diversion on the Ventura River. The timber cut-off wall is an original feature of the Robles Dam Diversion traversing the Ventura River from the diversion gate structure to the east embankment of the river. The timber cut-off wall is intended to reduce seepage under the diversion. The project involved preparation of application materials for coverage under an applicable Regional General Permit (RGP63, Repair and Protection Activities in Emergency Situations) through the United States Army Corps Engineers and its associated Water Quality Certification through the Regional Water Quality Control Board. The California Department of Fish and Wildlife emergency notification procedure was completed pursuant to Sections 1600 et seq. The United States Army Corps Engineers denied RGP63 and required permitting under the Nationwide Permit 3 process. As such, a 401 Certification from the Los Angeles Regional Water Quality Control Board was required. Challenges were encountered due to unexpected permitting requirements but were quickly overcome and the project was completed in a timely manner and within a dry channel as recommended in the Biological Opinion issued by National Oceanic and Atmospheric Administration for the operation of the diversion to address effects on endangered steelhead.

▪ **Environmental Support for the Upper Rincon Main Replacement Feasibility Study**

Rincon contributed to the Feasibility Study for the Upper Rincon Main Replacement Project, which considered a 2,400-foot segment of the Upper Rincon Main, a portion of which passes over Rincon Creek on a steel support structure. The project assessed three options for the project: an alignment drilled/tunneled under the creek; an alignment through the creek (i.e. support structures placed in the creek); and an alignment over the creek (i.e. from a bridge with no footings in the creek). Rincon completed an environmental considerations and constraints analysis and was integral to developing approaches for CEQA compliance and resource permitting. Rincon developed a schedule to outline required permitting and CEQA clearance timelines.

The following is an example of a project where Rincon is contracted directly to Casitas Municipal Water District.



Ojai Water System Upgrade Project IS-MND

Reference Info:

Julia Aranda, Engineering Manager
Casitas Municipal Water District
1055 North Ventura Avenue
Oak View, California 93022
jaranda@casitaswater.com

Staff: Jennifer Haddow (Principal-in-Charge), Matthew Long (Project Manager), Eric Schaad (Senior Biologist), Steve Hongola (Principal Biologist), Chris Duran (Principal Investigator – Cultural Resources)
Dates: September 2018 - Present



Rincon is preparing an Initial Study-Mitigated Negative Declaration (IS-MND) to assess proposed pipeline replacements and well, storage tank, and booster pump upgrades throughout the Ojai Water System. The project involves replacing or rehabilitating aging and/or undersized infrastructure located in multiple jurisdictions to restore system capacity and meet fire flow requirements. While elements of the project—including potential new tank and well construction sites—are still being finalized, Rincon has completed a thorough Biological Resources Assessment, Cultural Resources Technical Report, and public review draft of the IS-MND. Throughout the process, Rincon has worked with Casitas to ensure the document reflects the evolving project description and meets the applicable regulatory requirements of both the City of Ojai and County of Ventura. With regular client coordination, Rincon’s approach to project analysis results in a robust environmental review while providing flexibility for Casitas to refine the project description to meet its needs.

On-Call Environmental Consulting Services

Reference Info:

Maryam Bral, Chief Engineer
United Water Conservation District
106 North 8th Street
Santa Paula, California 93060
(805) 525-4431

Staff: Jennifer Haddow (Principal-in-Charge), Steve Hongola (Principal Biologist), Eric Schaad (Senior Biologist), Chris Duran (Principal Investigator – Cultural Resources)
Dates: 1998 - Present

Rincon has provided on-call and project specific consulting services to the United Water Conservation District since 1998. United is located in Ventura County and serves as the conservator of groundwater resources used by the cities of Oxnard, Port Hueneme, Ventura, Santa Paula, and Fillmore, and several mutual water districts, farms, and individual pumpers. Projects undertaken for United include:

- Recycled Water Pipelines Project CEQA-Plus IS-MND
- Santa Felicia Dam FERC License Amendment Projects Project Management Support
- Pothole Trailhead Parking Area IS-MND
- Santa Clara River Multiple Species Habitat Conservation Plan and Regulatory Permitting
- Seawater Barrier Pilot Program IS-MND
- Saticoy Groundwater Storage Management Project IS-MND
- Del Norte Pipeline IS-MND
- Piru Spreading Grounds 2.5MW Solar Project IS-MND



Santa Ana River Bridge Upgrade Environmental Services

Reference Info:

Brenda Marines, Associate Environmental Specialist
Metropolitan Water District of Southern California
700 North Alameda Street
Los Angeles, CA 90012
213-217-7902, bmarines@mwdh2o.com

Staff: Jennifer Haddow (Principal-in-Charge), Steve Hongola (Principal Biologist), Lindsay Griffin (Senior Biologist – Aquatic Resources)
Dates: 2012 to Present



Rincon prepared an IS-MND with technical peer review and incorporation of a biological technical report, provided permitting support, and conducted focused avian and bat surveys. The methodology included in the IS-MND incorporated the assessment of several possible alternatives, providing a needed level of flexibility to meet the overall project deadlines. To date, Rincon has prepared two addenda to the IS-MND to reflect minor alterations in the project since it was approved. Following preparation of the CEQA

document, Rincon assisted Metropolitan with preconstruction surveys, compliance monitoring, and reporting during the construction phase. This included preparation of a Nesting Bird Plan, implementation of the plan, weekly monitoring, and compliance reporting. Key sensitive resource issues included the protection of riparian habitat and wetlands within the Santa Ana River and avoidance of endangered species such as the Santa Ana sucker and least Bell’s vireo.

Rincon also recently completed the environmental compliance monitoring component of the Expansion Joint Replacement project to ensure compliance with IS-MND mitigation measures and agency permits, including a California Department of Fish and Wildlife Streambed Alteration Agreement, United States Army Corps of Engineers Nationwide Permit, and United States Fish and Wildlife Service Biological Opinion. Rincon prepared a master environmental compliance monitoring checklist to document compliance with all relevant project conditions and conducted preconstruction surveys and full-time environmental monitoring to minimize impacts to nesting birds, riparian vegetation, and special status species such as Santa Ana sucker. As part of this effort, Rincon worked closely with Metropolitan and the project contractor to develop a comprehensive multi-species management and monitoring strategy to ensure all sensitive resources were protected in compliance with project permits while minimizing excess burden to the project team and avoiding delays to construction. Rincon’s expedient response to unexpected changes in project conditions allowed the crews to complete project activities with minimal delays while remaining in compliance with regulatory permits and avoiding impacts to sensitive aquatic species.

Palos Verdes Recycled Water Pipeline Project CEQA-Plus Documentation

Reference Info:

Uzi Daniel, Environmental Compliance Supervisor
West Basin Municipal Water District
17140 South Avalon Blvd, Suite 210
Carson, CA 90746-1296
(310) 660-6245, uzid@westbasin.org

Staff: Jennifer Haddow (Principal-in-Charge), Steve Hongola (Principal Biologist)
Dates: 2012 to Present



Rincon assisted West Basin Municipal Water District with preparation of the environmental documentation for the Palos Verdes Recycled Water Pipeline Project located in Los Angeles County. The project involves construction of a recycled water pipeline to deliver water from the existing Anza Lateral pipeline in the city of Torrance to the Palos Verdes Golf Club in the city of Palos Verdes Estates. Specifically, Rincon prepared a series of technical studies and a CEQA Plus-compliant IS-MND as required by the State Water Resources Control Board. The IS-MND included a focused analysis of temporary construction noise impacts for approximately four miles of recycled water pipeline adjacent to sensitive receptors over a five-month construction period. Other technical studies included a biological resources assessment, cultural resources assessment, federal Air Quality Conformity Analysis, and paleontological resources assessment.

Fee Schedule

Rincon Consultants will provide environmental consulting services on a time-and-materials basis per our attached fee schedule.

Classification*	Name	Hourly Rate**
Professional/Support Services		FY 2018 - 2019
Principal II / Director II	Jennifer Haddow	235
Principal I / Director I	Steve Hongola, Chris Duran	215
Senior Supervisor II		200
Supervisor I		190
Senior Professional II	Melissa Whittemore, Matthew Long	170
Senior Professional I	Lindsay Griffin, Eric Schaad	156
Professional IV		140
Professional III		125
Professional II		112
Professional I		100
Associate III		92
Associate II		86
Associate I		80
Project Assistant		75
Senior GIS Specialist		136
GIS/CADD Specialist II		120
GIS/CADD Specialist I		108
Technical Editor		110
Production Specialist		86
Clerical		75

*Professional classification includes: environmental scientists, urban planners, biologists, geologists, marine scientists, GHG verifiers, sustainability experts, cultural resources experts and other professionals. Expert witness services consisting of depositions or in-court testimony are charged at the hourly rate of \$350.

**Rincon reserves the right to adjust our rates on an annual basis. Rincon will notify Casitas prior to each task order proposal of any requested adjustments to rates.



Direct Costs	Rate
Photocopies – Black and White	\$0.20 (single sided) & \$0.36 (double sided)
Photocopies – Color	\$1.50 (single sided) & \$3.20 (double sided)
Photocopies – 11 x 17	\$0.80 (B & W) & \$3.20 (color)
Oversized Maps	\$8.00/square foot
Reproduction: CDs	\$10 / disc
Light duty /Passenger Vehicles**	\$85/day
4-WD/Off-Road Vehicles**	\$135/day

** \$0.65/mile for mileage over 50 and for all miles incurred in employee-owned vehicles.

Other Direct Costs

Other direct costs associated with the execution of a project are billed at cost plus 15% to cover General and Administrative services. Other direct costs associated with completing a project not included in the hourly billing rates described above may include, but are not limited to, laboratory and drilling services, subcontractor services, permit charges and filing fees, mailings and postage, performance bonds, sample handling and shipment, rental equipment and vehicles other than covered by the above charges, etc.

Appendix A

Resumes



Jennifer Haddow, PhD, MSc, AIEMA

PRINCIPAL

Dr. Haddow serves as a Principal Environmental Scientist in Rincon's Environmental and Sciences and Planning group. In this role, she manages the day-to-day work program of planning and environmental documents and specialized technical studies, including CEQA, CEQA-Plus, and NEPA compliance documentation, environmental assessments, and sustainability analysis. She has prepared and coordinated all levels of environmental documentation for infrastructure projects with an emphasis on water supply, conveyance and quality projects, as well as watershed planning studies.

EDUCATION

Ph.D., Biogeochemistry,
University of Aberdeen, UK
M.Sc., Environmental Science,
University of Aberdeen, UK
B.Sc., Environmental Policy
Analysis and Planning,
University of California, Davis
Associate Institute of
Environmental Management
and Assessment

EXPERIENCE

Rincon Consultants, Inc. (2012
– present)
RPS Group Ltd, Dublin, Ireland
(2007 – 2012)
Bord na Móna Plc, Newbridge,
Ireland (2006 – 2007)
Rincon Consultants, Inc. (1998
– 2000)

PROJECT EXPERIENCE

CONTRACT MANAGEMENT

- United Water Conservation District On-call Environmental Services
 - Recycled Water Pipelines Project IS-MND
 - Pothole Trailhead Parking Area IS-MND
 - Santa Felicia Dam Project Management Services
 - Piru Spreading Grounds 2.5MW Solar Project IS-MND
- Coachella Valley Water District On-Call Environmental Services
 - Palm Desert Groundwater Replenishment Project EIR
 - Whitewater River Stormwater Channel Flood Easement Renewal IS-MND/EA
 - New Non-Potable Water Connections IS-MND
- Metropolitan Water District of Southern California On-Call Environmental Services
 - Prestressed Concrete Cylinder Pipe Rehabilitation Program – Second Lower Feeder Addendum Technical Studies and Construction Monitoring
 - Palos Verdes Reservoir Relining Project IS-MND and Addenda
 - Santa Ana River Bridge Seismic Retrofit Routine Maintenance Project IS-MND and Environmental Compliance Monitoring
 - Jensen Water Treatment Plant 1 MW Solar Project IS-MND
 - Lakeview Pipeline Environmental Constraints Analysis and Biological Resources Assessment
 - Lakeview/Inland Feeder Intertie Connection Environmental Compliance Monitoring
 - Lakeview Pipeline Bernasconi Tunnel No. 2 Steel Liner Installation Environmental Compliance Monitoring
 - F.E. Weymouth Water Treatment Plan Upgrades Project Environmental Compliance Monitoring

WATER AND WASTEWATER FACILITIES PROJECTS

- City of Los Angeles Sanitation District (LASAN) LA-Glendale Wastewater Treatment Plant IS-MND and Technical Studies, subcontract to Kennedy/Jenks Consultants
- Water Resource Recovery Facility Project, CEQA-Plus EIR and Permitting Services, City of San Luis Obispo



PROJECT EXPERIENCE, CONT'D

- Central Coast Blue Advanced Water Purification Project, CEQA-Plus EIR and Permitting Services, City of Pismo Beach
- Maywood Mutual No. 2 Water System Construction Project CEQA-Plus Technical Studies, Water Replenishment District of Southern California/subcontract to KEH & Associates
- Palos Verdes Recycled Water Pipeline Project CEQA-Plus Documentation, West Basin Municipal Water District/subcontract to KEH & Associates
- Memorial Park Water Treatment Project CEQA Documentation, San Mateo County Parks Department
- Wastewater Treatment Plant Bed Improvements Project CEQA Documentation, Ojai Valley Sanitary District
- Claremont Water System Acquisition Project EIR, City of Claremont/subcontract to Best Best & Krieger (BB&K)
- Apple Valley Ranchos Water System Acquisition Project EIR, Town of Apple Valley/subcontract to BB&K

OTHER WATER INFRASTRUCTURE PROJECTS

- Monterey/Pacific Grove Area of Special Biological Significance EIR, City of Monterey/subcontract to Fall Creek Engineering
- Urban-Runoff Diversion Project - Phase 3 Project IS-MND, City of Pacific Grove
- Lower Santa Clara River Salt and Nutrient Management Plan Substitute Environmental Document, County of Ventura Watershed Protection District/subcontract to Larry Walker and Associates
- Medea Creek Restoration Project IS-MND, City of Agoura Hills/subcontract to Questa Engineering





EDUCATION

B.S., Biology with an emphasis in Ecology, San Diego State University

Graduate Certificate, National Environmental Policy Act, Utah State University

Melissa J. Whittemore

SENIOR PROJECT MANAGER

Melissa Whittemore has more than 16 years of experience in the environmental planning field. To date, she has worked on over 100 projects throughout California. Her responsibilities include managing and preparing environmental compliance documents and associated technical studies in accordance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA). Her clients include federal, state, regional, and local government agencies; water districts; and private companies. Ms. Whittemore specializes in infrastructure projects, including both transportation (e.g., railway tracks and yards, freeways, ports of entry, roadways, bikeways, trails) and utilities (e.g., water and sewer lines, pump stations, reservoirs, recharge basins, wastewater treatment plants). She also regularly works on other types of projects, including residential (ranging from small condominiums to large single-family developments), commercial (large malls, other retail centers, offices), industrial (industrial parks, mining quarries), and institutional (universities/colleges, healthcare clinics, educational/research facilities). Her projects have required a variety of discretionary approvals, including general plan amendments, rezoning, conditional use permits, coastal development permits, specific plans, and tentative subdivision maps. Ms. Whittemore also excels at conducting quality assurance/quality control (QA/QC) reviews on documents prepared by others.

PROJECT EXPERIENCE

WATER PROJECTS

- Rick Engineering Company - Campo Road Sewer Replacement Project IS/MND, San Diego County, California
- Olivenhain Municipal Water District - Village Park Recycled Water Project IS/MND, Encinitas, California
- Kennedy/Jenks Consultants - Littlerock Creek Groundwater Recharge and Recovery Project Constraints Letters, Palmdale, California
- Kennedy/Jenks Consultants - Eastside Water Banking and Blending Project IS/MND, Los Angeles County, California
- City of San Diego - Pure Water San Diego Program Biological Survey Report, San Diego, California
- Lee & Ro - North/South District Interconnection System EIR, Chula Vista, California
- Eastern Municipal Water District - East Diamond Valley Lake Recycled Water Storage Pond Demonstration Project IS/MND, Hemet, Riverside County, California
- Brown and Caldwell - Hollister Street Pipeline Phases 2 and 3 IS/MND, San Diego, California
- City of San Diego Public Utilities Department - Old Town McCoy House Sewer Repair Project Cultural Monitoring Program, San Diego, California
- City of San Diego Public Utilities Department - Robinson Avenue and 8th Avenue Pipe Replacement Cultural Monitoring Program, San Diego, California



PROJECT EXPERIENCE, CONT'D

- Kennedy/Jenks Consultants - Sun City Force Main and Recycled Water Pipelines IS/MND, Menifree and Perris, California
- Brown and Caldwell - Mid City Pipeline Phase 2 Environmental Issues Memorandum, San Diego and La Mesa, California
- City of San Diego - Storm Water System Maintenance Program EIR, San Diego, California
- Olivenhain Municipal Water District - Northwest Quadrant Reclaimed Water Pipelines IS/MND, Encinitas and Carlsbad, California
- Olivenhain Municipal Water District - 4S Ranch Pipeline North IS/MND, San Diego, California
- Eastern Municipal Water District - Hemet/San Jacinto Integrated Recharge & Recovery Project EIR, Riverside County, California
- Olivenhain Municipal Water District - Santa Fe Pump Station IS/MND, Encinitas, California
- City of San Diego Water Department - Torrey Pines Road/La Jolla Boulevard Water Main Replacement IS/MND, La Jolla and Pacific Beach, California

TRANSPORTATION PROJECTS

- Goodyear Tire & Rubber Company - Goodyear Airship Operations Center Improvements Project IS/MND, Carson, California
- Metropolitan Airpark, LLC - Metropolitan Airpark Project EA, San Diego, California
- California Department of Transportation - High Desert Corridor EIR/EIR and Habitat Mitigation and Monitoring Program, Los Angeles and San Bernardino County, California
- HNTB - Baticuitos Lagoon Double Track Project Environmental Constraints Report Technical Studies, and Regulatory Permitting, San Diego County, California
- HNTB - San Dieguito Bridge Replacement, Double Track, and Del Mar Fairgrounds Special Events Platform EA and Regulatory Permitting Applications, San Diego County, California
- HNTB - Control Point (CP) East Brook to CP Shell Double Track Project Categorical Exclusion, Technical Studies, and Regulatory Permitting, San Diego County, California
- HNTB - CP San Onofre to CP Pulgas Double Track Project (Stage 1: MP 218.2 to MP 216.5) Technical Studies and Regulatory Permitting, San Diego County, California
- HNTB - CP San Onofre to CP Pulgas Double Track Project (Stage 2: MP 216.5 to 218.2) Technical Studies and Regulatory Permitting, San Diego County, California
- AECOM - Interstate 5/Sorrento Valley Road Interchange Improvements Project Technical Studies, San Diego, California
- San Diego County Bicycle Coalition - Rose Creek Watershed Bicycle Path and Bridge Due Diligence, San Diego, California
- City of Poway - Espola Road EIR, Poway, California
- Kimley Horn and Associates - Interstate 5/Genesee Avenue Interchange IS/EA, San Diego, California
- City of San Diego - University Avenue Mobility Plan EIR, San Diego, California
- Dokken Engineering - Interstate 805 Managed Lanes South EIR/EA, Chula Vista, National City, and San Diego, California
- David Evans and Associates, Inc. - San Ysidro Freight Rail Yard Improvement Project MND/CE, San Diego, California
- Melrose Drive Extension, City of Oceanside, Oceanside, California
- Dokken Engineering - State Route 163/Friars Road Interchange Improvement Project EIR, San Diego, California
- US General Services Administration - San Ysidro Land Port of Entry Improvements Project EIS, San Diego, California





Christopher A. Duran

PRINCIPAL INVESTIGATOR/CULTURAL RESOURCES LEAD

Chris Duran will assist with cultural resources on this contract. Mr. Duran has more than 10 years of professional experience and meets and exceeds the SOI's Professional Qualification Standards. In addition, he has worked throughout California for various municipalities and water districts assisting in cultural resources investigations for new installations and infrastructure updates. Mr. Duran also has extensive experience with the NEPA-equivalent CEQA-Plus process completing several projects for various water districts including Las Virgenes Municipal Water District, Eastern Municipal Water District, West Basin Municipal Water District, Water Replenishment District of Southern California and the Metropolitan Water District of Southern California. Mr. Duran is an expert in State and Federal regulations as they pertain to cultural resources and serves as Principal Investigator for Rincon's projects providing resource recommendations and mitigation measures allowing clients to remain in sound compliance with applicable regulations. Mr. Duran has also assisted various clients in consultation with the SWRCB and understands the unique requirements of the SWRCB regarding cultural resources investigations.

EDUCATION

M.A., Anthropology, Northern Arizona University (2009)

B.S., Anthropology-Cultural Resources Management, California State Polytechnic University, Pomona (2007)

AFFILIATIONS

Registered Professional Archaeologist (ID# 415730)
Section 106 Compliance (2010)
Advanced Section 106 (2013)
Society for American Archaeology
Society for California Archeology

EXPERIENCE

Rincon Consultants, Inc. (2015 – present)
Leidos, Inc. (2014 – 2015)
CH2M HILL (2013 – 2014)
Epsilon Systems Solutions, Inc. (2009 – 2013)
National Park Service (2008)

PROJECT EXPERIENCE

- Goetz Road Water Storage & Pipeline Project Cultural Resources Study, Riverside County
- Prestressed Concrete Cylinder Pipe Rehabilitation Program – Second Lower Feeder Addendum Technical Studies and Construction Monitoring, Metropolitan Water District, Riverside County
- Municipal Water District - 001B Turn-out Structure and Basin No. 2 Inlet/Turn-out Structure Projects, Los Angeles County
- Allesandro Recycled Water Storage Ponds Optimization Project Cultural Resources Study, KS Dunbar & Associates, Riverside County
- Groundwater Reliability Improvement Program Advanced Water Treatment Facility, Cultural Resources Monitoring, Water Replenishment District of Southern California, Los Angeles County
- Woodland Hills Country Club Recycled Waterline System Extension Project, Las Virgenes Municipal Water District/ subcontract to Woodard and Curran (formerly RMC Water and Environment), Los Angeles County
- Sharon Heights Satellite Treatment Facility Project, West Bay Sanitary District subcontract to Woodard and Curran, San Mateo County
- Water Resource Recovery Facility Project, City of San Luis Obispo
- Wastewater Treatment Facility Redundancy Project, South San Luis Obispo County Sanitation District, San Luis Obispo County
- Jensen Water Treatment Plant Solar Project, Los Angeles County, California
- Piru Spreading Grounds 2.5 MW Solar Project, Piru, Ventura County, California.
- Medea Creek Channel Reconstruction Cultural Resources Investigation, Agoura Hills, Los Angeles County, California
- Archeological Monitoring Project for the Santa Barbara Desalination Facility, Santa Barbara, California



PROJECT EXPERIENCE, CONT'D

- Yerba Buena Guard Rails Project Archaeological Study, Ventura County, California. Transmission Line Rating Remediation Program Tower Replacement Project Cultural Resources Study, Southern California Edison, Los Angeles, Riverside, San Bernardino, and Ventura Counties
- Grove Incident Cultural Resources Monitoring, City of Ventura
- Clark Avenue/HWY 101 Interchange Improvement Project Cultural Resources Investigation, Santa Barbara County, CA.
- Guadalupe Intersection Improvement Project Cultural Resources Investigation, Santa Barbara County, California.
- Ortega Hill-Ortega Ridge Road Anomaly Pipeline Cultural Resources Monitoring Project, City of Carpinteria, Santa Barbara County, CA.
- Line 122 Storage Facility Cultural Resources Monitoring Project, Santa Barbara County, California.
- Westpark Community Center Project Cultural Resources Study, City of Ventura, California
- Partial or Complete Closure of Defense Fuel Support Point Cultural Resources Investigation, San Pedro, Los Angeles County
- Santa Ana Arts Collective Project Cultural Resources Study, City of Santa Ana, Orange County
- Roosevelt Walker Community Center Cultural Resources Study, City of Santa Ana, Orange County
- 6th Street & Lacy Street Park Project, City of Santa Ana, Orange County
- Raitt & Myrtle Street Park Project, City of Santa Ana, Orange County
- Magunden-Springville Phase I Cultural Resources Study, Southern California Edison, Kern County
- Trumark Homes Mixed Use Development Project Cultural Resources Investigation, City of Chino Hills
- Lemonwood elementary School Reconstruction Phase I Cultural Resources Investigation, Caldwell Flores Winter, Inc., Ventura County
- Hollister Avenue Road Widening Project Cultural Resources Investigation, Cities of Goleta and Santa Barbara, Santa Barbara County
- Archaeological Sensitivity Process Review for the County of Ventura Grading Permit Approval Process, County of Ventura
- Kenny Road Cultural Resources Study, Caltrans District 7 Local Assistance Project, Ventura County, CA
- Santa Ana Road Cultural Resources Study, Caltrans District 7 Local Assistance Project, Ventura County, CA
- Ewiiapaayp Reservation Road Construction Cultural Resources Inventory, Bureau of Indian Affairs, San Diego County
- La Posta Reservation Road Construction Cultural Resources Inventory, Bureau of Indian Affairs, San Diego County
- Courtyard and Townplace Suites Hotel Cultural Resources Investigation, City of Agoura Hills, Los Angeles County
- Phase I Archaeological Resources Report for 220 West Gutierrez Street Project, City of Santa Barbara, California
- Thacher School Dining Hall Cultural Resources Study, Ventura County, California
- Thacher School Master Conditional Use Permit Cultural Resources Study, Ventura County, California





Steven J. Hongola

PRINCIPAL ECOLOGIST

Steven J. Hongola serves as a Principal and Senior Ecologist with more than 15 years of professional experience in the environmental field. His areas of expertise include program management, biological resources assessments, focused surveys for sensitive species, jurisdictional waters and wetlands delineations, habitat restoration and management, conservation planning, regulatory permitting, and biological compliance monitoring. Mr. Hongola has direct experience managing on-call contracts with multiple concurrent assignments and large numbers of field staff. He understands the importance of fulfilling assignments when requested and working with staff to resolve issues as they arise.

EDUCATION

B.S., Evolution and Ecology
(Minor - History), University of
California, Davis

TRAINING

California Tiger Salamander
Larval Survey Techniques
Southwestern Willow
Flycatcher Workshop and
Training
Desert Tortoise Council
Surveying, Monitoring, and
Handling Techniques Workshop
CNPS Vegetation and Habitat
Rapid Assessment Method
Workshop

CERTIFICATIONS/ REGISTRATIONS

Federal 10(a)(1)(A) Permit -
Coastal California Gnatcatcher,
TE 091463-3
SCCWRP, California Rapid
Assessment Method: Riverine
Module
Wetland Training Institute:
Difficult Situations, Arid West
Supplement, and Wetland
Delineation Manual

EXPERIENCE

Rincon Consultants, Inc. (2008
– present)
Michael Brandman Associates
(2003 – 2008)
California Waterfowl
Association (2002)
University of California, Davis
(2002)

PROJECT EXPERIENCE

WATER UTILITIES AND INFRASTRUCTURE PROJECTS

- Santa Ana River Bridge Seismic Retrofit and Routine Maintenance Project Compliance Monitoring, Metropolitan Water District, Riverside County
- Prestressed Concrete Cylinder Pipe Rehabilitation Program – Second Lower Feeder Addendum Technical Studies and Construction Monitoring, Metropolitan, Riverside County
- Pala Force Main Project Biological Resource Assessment, Eastern Municipal Water District & K.S. Dunbar & Associates, Temecula, Riverside County
- Wilson Creek Basins Water Recharge Project Biological Resources Assessment, Yucaipa Valley Water District, San Bernardino County
- Copper Sulfate Applications to Copper Basin and Gene Wash Reservoirs Biological Assessment, Metropolitan Water District, San Bernardino County
- F.E. Weymouth Treatment Plant Environmental Compliance Monitoring, Metropolitan Water District, City of La Verne, Los Angeles County
- Sepulveda Temporary Pump Station Project Nesting Bird Surveys, Metropolitan Water District, City of Los Angeles
- Palos Verdes Reservoir Upgrades Project Compliance Monitoring, Metropolitan Water District, Los Angeles County
- Woodland Hills Water Recycling Project Biological Services, Las Virgenes Municipal Water District/subcontract to Woodard and Curran (formerly) RMC Water and Environment, Los Angeles County
- New Non-Potable Water Connections IS-MND and Biological Resources Assessment, Coachella Valley Water District
- Whitewater Stormwater Flood Easement Project EIR and Biological Resources Assessment, Coachella Valley Water District
- City of Los Angeles Sanitation District (LASAN) LA-Glendale Wastewater Treatment Plant Biological Technical Study, subcontract to Kennedy/Jenks Consultants
- Mulholland Highway to Tapia Water Reclamation Facility Pipeline Project Environmental Monitoring, Las Virgenes Municipal Water District
- Recycled Water System Construction Project Biological Studies, City of Hesperia



PROJECT EXPERIENCE, CONT'D

JURISDICTIONAL WATERS AND WETLANDS DELINEATIONS AND CRAM SURVEYS

- J Street Drain Improvement, Ventura County Watershed Protection District, Ormond Beach, Ventura County
- Supplemental Geotechnical Investigations on the Santa Clara River, United Water Conservation District, Ventura County
- Ortega Bridge Project CRAM Surveys, Mission Creek, City of Santa Barbara
- Access Road Water Crossings QA/QC, San Diego Gas and Electric, San Diego County
- California Avenue Widening Project, University of California, Irvine, Orange County
- San Joaquin Student Housing Project, University of California Santa Barbara
- Triton Substation Project, Southern California Edison, City of Temecula / Riverside County

SENSITIVE SPECIES SURVEYS

- Coastal California Gnatcatcher Surveys, Southern California Gas Company, Pipeline Safety Enhancement Program (PSEP), Thousand Oaks, Ventura County
- Least Bell's Vireo and Southwestern Willow Flycatcher Focused Surveys, , Ventura County Watershed Protection District, Conejo Creek and Santa Clara River Maintenance Projects, Ventura County
- Sensitive Wildlife Surveys, Palm Springs Wastewater Treatment Plant Solar Project, SolarCity, Palm Springs, Riverside County
- Coastal California Gnatcatcher Habitat Assessments, Various Flood Control Basins, San Bernardino County Flood Control District, San Bernardino County

BIOLOGICAL RESOURCE ASSESSMENTS

- Distributed Solar Projects (Confidential Client), Central Valley and Mojave Desert
- Comprehensive Biological Resources Study, More Mesa, Santa Barbara County
- Conejo Mountain Memorial Park, Initial Study Biological Assessment, Ventura County
- Scripps Park West, Phase II, City of San Diego, San Diego County
- Lechuga Beach Access Expansion Project, Mountains Recreation and Conservation Authority, Malibu, Los Angeles County

HABITAT RESTORATION, MANAGEMENT, AND CONSERVATION PLANNING

- Habitat Conservation Plan, Freeman Diversion Fish Passage, Santa Clara River, United Water Conservation District, Ventura County
- Long Grade Canyon Creek Restoration, CSU Channel Islands, Ventura County
- The Crosby Habitat Management Program, The Crosby at Rancho Santa Fe Homeowners Association, San Diego County
- Coastal Region Conservation Program, Southern California Gas Company, Southern California
- Hollywood Water Quality Improvement Project, LADWP, City of Los Angeles





Matthew Long, MEd, MPP

SENIOR ENVIRONMENTAL SCIENTIST

Matthew Long is an Environmental Scientist for Rincon's Environmental Sciences and Planning group responsible for managing and preparing CEQA and NEPA documentation and technical impact analyses for a diverse range of projects. His experience includes water quality and coastal impacts analysis, benefit-cost analysis, and GIS modeling. Mr. Long conducts environmental impact analyses for a wide variety of projects throughout California and Arizona. Some key areas of experience include: recycled water infrastructure, flood control, dam operation, and dredging projects; large- and small-scale renewable energy construction projects; high-voltage transmission line construction, upgrade, and maintenance projects; oil and gas regulation and planning; and county- and region-wide planning for renewable energy siting.

EDUCATION

M.E.Sc., Water Resources Specialization, Yale School of Forestry & Environmental Studies (2013)

M.P.P., Natural Resource Management Concentration, UCLA Luskin School of Public Affairs (2006)

B.A., Comparative Literature, UC Berkeley (2000)

AFFILIATIONS

Member, American Water Resources Association

EXPERIENCE

Rincon Consultants, Inc. (2015 – present)

Aspen Environmental Group (2007 – 2010; 2014 – 2015)

The Nature Conservancy (2013 – 2014)

Yale Center for Earth Observation (2012 – 2013)

Los Angeles Regional Water Quality Control Board (2005 – 2006)

Institute of the Environment, UCLA (2005)

ADDITIONAL PROJECT EXPERIENCE

CEQA/NEPA PROJECTS

- Programmatic Environmental Assessment for the Presidio of Monterey Integrated Water Sustainability Concept Plan, Monterey, California
- Central Coast Blue Project EIR, City of Pismo Beach, San Luis Obispo County, California
- Santa Ana River Bridge Seismic Retrofit and Routine Maintenance Project IS-MND Addendum No. 3, Metropolitan Water District
- Berth Deepening and Wharf Improvement Project IS-MND, Port of Hueneme
- Non-potable Water Connection Project IS-MND, Coachella Valley Water District
- Analytical and Supportive Services for Part 58 Environmental Reviews, City and County of San Francisco Mayor's Office of Housing and Community Development
- Stadium Improvement Project EIR, San Mateo Union High School District
- San Marin High School Athletic Field Upgrade Project EIR, Novato Unified School District

RENEWABLE ENERGY

- Panoche Valley Solar Project Supplemental EIR, San Benito County
- San Luis Obispo County Renewable Energy Streamlining Program and EIR
- Imperial County General Plan Open Space and Conservation Element Update
- Del Sur Ranch Solar Project, Los Angeles County
- Aspiration Solar G Solar Generating Facility IS/MND, Fresno County
- Competitive Renewable Energy Zone (CREZ) Analysis for E3 and TransCanyon
- Alta-Oak Creek Mojave Project EIR, Kern County



ADDITIONAL PROJECT EXPERIENCE, CONT'D

TRANSMISSION LINES AND SUBSTATIONS

- San Luis Transmission Line Project EIR/EIS, Alameda, San Joaquin, Stanislaus, and Merced counties
- SCE West of Devers Upgrade Project EIR/EIS, Riverside and San Bernardino counties
- Valley South Subtransmission Project EIR, Riverside County
- Vine 69/12 Kilovolt (kV) Substation Project IS/MND, San Diego County
- Parker-Headgate Rock and Parker-Bouse Reroute Project EA, California/Arizona border near Parker, AZ
- Electrical District #2-Saguaro #2 (ED2-SGR2) 115-kV Transmission Line Rebuild EA, Pinal County, AZ
- Tehachapi Renewable Transmission Project EIR/EIS, Kern, Los Angeles, and San Bernardino counties
- Parker-Davis Transmission System Routine O&M Project and Proposed IVM Programmatic EA, Arizona, California, and Nevada
- Antelope-Pardee 500 kV Transmission Project EIR/EIS, Los Angeles County
- Antelope Transmission Line Project Segments 2 and 3 EIR, Kern and Los Angeles counties
- Distributing Station 144 Project IS/MND, Los Angeles County
- North Area Right-of-Way Maintenance Project EA, California and Oregon
- El Casco System Project EIR, Riverside and San Bernardino counties
- Sunrise Powerlink Project EIR/EIS, Imperial and San Diego counties

OTHER PROJECTS

- Senate Bill 4 Analysis of Oil and Gas Well Stimulation Treatments EIR, California
- BLM Hollister Field Office Oil & Gas Leasing and Development EIS, California
- CEQA Program Guidance and Template Development Program, City of Palo Alto
- Coachella Valley Trails Development Project IS/MND, Riverside County
- District Cooling Plant and Distribution System Project IS/MND, Los Angeles County
- Central Region Elementary School #14 EIR, Los Angeles County
- South Region Span K-8 No. 1 School EIR, Los Angeles County

SELECT PROJECT EXPERIENCE

Carmel Rio Road Project EIR (Monterey County, California)

Rincon staff prepared an EIR examining a 7-acre housing development in the Carmel area. Mr. Long prepared the Hydrology/Water Quality analysis for the project which included analyses of drainage, flooding, water quality, and water supply.

Integrated Water Sustainability Concept Plan Programmatic EA, Presidio of Monterey, California

Mr. Long is assisting with preparation of a Programmatic EA examining an Integrated Water Sustainability Concept Plan for the Presidio of Monterey. The IWSCP identifies a series of improvements to capture and utilize non-potable water supplies to off-set current and future potable water demands at the POM installation.

Flood County Park EIR, Menlo Park, California

Mr. Long prepared the Hydrology and Water Quality section of an EIR examining the County of San Mateo's long-term plan to improve recreational facilities at the 24.5-acre Flood County Park in the city of Menlo Park.





Eric W. Schaad, MS

SENIOR BIOLOGIST

Mr. Schaad has 15 years of experience as a biological researcher, educator, and environmental consultant. His experience extends to conducting biological research and fieldwork based on agency protocols and preparing and consulting on regulatory permits. Mr. Schaad has extensive experience in technical report preparation and review, habitat conservation plan preparation, compensatory mitigation planning, CEQA environmental documents, and technical project management. He possesses a high working knowledge of CEQA- and NEPA-level biological assessments and document preparation. Mr. Schaad's project experience involves commercial development, transportation, transmission, oil and gas development, renewable energy, and water utility and infrastructure projects. His specific area of species expertise includes fish and reptiles, and he also has extensive experience with birds, mammals, and amphibians.

EDUCATION

M. S., Evolutionary Ecology,
University of New Mexico,
Albuquerque, NM, 2011

B.S., Biology, California State
University, Bakersfield, CA, 2005

CERTIFICATIONS

California Department of Fish and
Wildlife, Level II Blunt-Nosed
Leopard Lizard Surveyor

Reef Check Foundation Certified
Surveyor – Invertebrate, Algae,
UPC, and Fish

Instructor Development Course
(IDC) Staff Instructor, Inst#
343833, Professional Association
of Dive Instructors (PADI), USA

Technical Diving Certification,
PADI#14070W7241, TDI#594374

Emergency First Responder
Instructor, Primary Care
(CPR/AED), Secondary Care (First
Aid), International Liaison
Committee on Resuscitation
(ILCOR), USA

PROJECT EXPERIENCE

CEQA AND NEPA COMPLIANCE:

- Santa Felicia Dam Spillway and Outlet Works Improvement Project, Ventura County, CA
- BayFair BART TOD Specific Plan EIR, City of San Leandro
- Tours/Syracuse Solar Project, Rosamond, CA
- Wildwood II Solar, Kern County, CA
- Belridge T13 – Blocks 3 & 5-B Project, Bakersfield, CA
- Cymric T11 – South Properties - A&C Projects, Bakersfield, CA
- Bio-technical Report Kern County Oil and Gas EIR, Kern County, CA

BIOLOGICAL RESOURCES ASSESSMENTS TECHNICAL REPORTING:

- Old Creek Pipeline Replacement, Oak View, CA
- Robles Diversion Timber Cut-off Wall Repair, Ventura County, CA
- Lake Casitas Vegetation Management Plan, Ventura County, CA
- Upper Rincon Main Replacement, Ventura County, CA
- Robles Diversion Fish Screen Repair, Ventura County, CA
- Robles Diversion Fish Passage LSA, Ventura County, CA
- Manor Street Bridge Improvement, Bakersfield, CA
- Cherry Avenue Road Widening (TO37), Bakersfield, CA
- Aspire II Housing Tract, Arvin, CA
- Solari Sand and Gravel Project, Bakersfield, CA
- Arvin Quarry, Revegetation Plan, Bakersfield, CA.
- Water Treatment Plan, Pinon Pines, CA
- Belridge T13 – Blocks 3 & 5-B Project, Bakersfield, CA
- Cymric T11 – South Properties - A&C Projects, Bakersfield, CA
- James Road Borrow Pit Restoration, Kern County, CA
- Biological Consultation Services, NSM Recycling, City of Bakersfield, CA



PROJECT EXPERIENCE(CONT'D)

- Biological Services for Well Re-abandonment Project, Brea, CA
- Bio-technical Report Kern County Oil and Gas EIR, Kern County, CA
- Wildwood II Solar, Kern County, CA
- City of Delano Waste Water Treatment Plant, Delano, CA
- Transmission Line Expansion/Upgrade Project, Tulare County, CA
- Photovoltaic Solar Project, Maricopa, Kern County, CA
- Hayward Industrial Development Park, Hayward, CA
- Capri Calistoga Hotel, Calistoga, CA
- 300 Vintage Way, Novato, CA

WORKER ENVIRONMENTAL TRAINING

- Arvin Quarry, Threatened and Endangered Species Training, Bakersfield, CA
- Cherry Avenue Road Widening (TO37), Bakersfield, CA
- Panama Buena Vista Union School District – Bakersfield, CA
- San Joaquin Kit Fox Training, Sing Lum Elementary School, Bakersfield, CA
- Transmission Line Expansion/Upgrade Project, Tulare County, CA
- Gaskell West Solar Project, Kern County, CA

BIOLOGICAL COMPLIANCE AND PERMITTING

- Old Creek Pipeline Replacement, Oak View, CA
- Robles Diversion Timber Cut-off Wall Repair, Ventura County, CA
- San Joaquin Kit Fox Surveys, Sing Lum Elementary School, Bakersfield, CA
- James Road Borrow Pit Restoration, Kern County, CA
- Cherry Avenue Road Widening (TO37), Bakersfield, CA
- Biological Services for Well Re-abandonment Project, ExxonMobil, Brea, CA
- Panama Buena Vista Union School District, Bakersfield, CA
- City of Delano Waste Water Treatment Plant, Delano, CA
- Middlewater Natural Gas Pipeline Incidental Take Permit Application, Belridge, CA
- Transmission Line Expansion/Upgrade Project, Tulare County, CA
- Maricopa Sun Solar Complex Project, Kern County, CA
- Photovoltaic Solar Project, Kern County, CA

SPECIES EXPERT CONSULTATION

- Natural Heritage New Mexico, Museum of Southwest Biology, University of New Mexico, Albuquerque, NM
- Alameda Whipsnake Habitat Assessment, Michael Baker International, Orinda, CA
- Aspire II Housing Tract, small mammal trapping, Arvin, Ca
- Cherry Avenue Road Widening (TO37), small mammal trapping, Bakersfield, CA





Lindsay Griffin, CISEC, QSP

SENIOR BIOLOGIST/PROJECT MANAGER

Lindsay Griffin serves as a Biologist and Project Manager in Rincon's Natural Resources Group, where she focuses on coastal watershed resources and provides support on biological, regulatory permitting, project management, CEQA and NEPA related assignments statewide. Lindsay graduated from the University of California, Santa Barbara with a Bachelors of Science degree in Environmental Studies with an emphasis in Ecology, Evolution and Marine Biology. Lindsay has extensive training with the fauna and flora of the California coast. She has received specific training in survey protocols, habitat requirements and natural histories of the tidewater goby, steelhead, and California red-legged frog, as well as federally and state listed coastal avian species such as the California least tern and western snowy plover. She holds a USFWS Recovery Permit 10(a)(1)(A) for tidewater goby. Lindsay has conducted extensive surveys and provided monitoring for the above species throughout southern California. Lindsay provides support to Team Leads for various project assignments including general biological resources assessments, construction monitoring, mitigation monitoring, ecological restoration, compliance program organization and support, field data management, habitat suitability assessments, plant and animal species inventories and mapping, special status plant and animal species surveys, jurisdictional delineations, resource constraints analysis and nesting bird and tree surveys. Additionally, Lindsay is a water quality specialist and a qualified CISEC (Certified Inspector of Erosion and Sediment Control) and a QSP (Qualified SWPPP Practitioner). She has managed and implemented numerous water quality and storm water compliance projects. She is responsible for oversight and implementation of fieldwork, data collection, compilation, client and agency contact, report preparation, and project management.

EDUCATION

B.S., Environmental Studies,
University of California, Santa
Barbara

CERTIFICATIONS/ REGISTRATIONS

USFWS Recovery Permit
10(a)(1)(A) for tidewater goby
Certified Inspector of Sediment &
Erosion Control (CISEC)
Certification (1/13)
Qualified SWPPP Practitioner
(QSP)
Scientific Collecting Permit (SC-
12409)

AFFILIATIONS

Member, American Cetacean
Society (ACS)

EXPERIENCE

Rincon Consultants, Inc. (2012 -
present)
Community Property
Management (2011-2012)
POD (Protect Our Dolphins) of
Santa Barbara (2010 – 2012)
Real Support Property
Management (2005 – 2011)
Parkstone Companies (2003 –
2005)

PROJECT EXPERIENCE

WILDLIFE AND BOTANICAL SURVEYS/RESEARCH

- Tidewater Goby Presence/Absence Surveys, McGrath State Park Campground Water Siphon, Santa Clara River estuary, Ventura, California.
- Tidewater Goby Surveys and Relocation of 131 TWG's, for McGrath State Park Campground Water Siphon, Santa Clara River estuary, Ventura, California.
- Tidewater Goby Surveys and Relocation of 383 TWG's, for Chapala Creek Bridge Replacement Project, Santa Barbara, CA
- California red-legged frog presence/absence survey, San Luis Obispo Creek, San Luis Obispo, CA (protocol day/night surveys)
- California least tern nest surveys and monitoring- United Water Conservation District, Saticoy, CA
- Western snowy plover and California least tern nest surveys- Ormond Beach, CA (66 adult plovers, 2 brood, 3 chicks, 14 nests with eggs observed)
- Construction Monitoring for avoidance of Western snowy plover- Los Angeles County Beaches & Harbors, Los Angeles Beaches, CA (43 adult plovers observed).



PROJECT EXPERIENCE, CONT'D

- Nesting bird surveys – Private Residential Coastal Development on Padaro Lane in Carpinteria, CA
- Nesting bird and special-status species survey, Arundell/Barlow Culvert Lining Project, Ventura, California
- Nesting bird surveys, Cardno ATC, Cell Tower Sites in Riverside, Los Angeles & San Bernardino Counties, California
- Nesting bird surveys, Private Residential Coastal Development on Padaro Lane in Carpinteria, California
- Evaluation of Habitat Restoration Project on UCSB Lagoon Bluffs, The Cheadle Center for Biodiversity & Ecological Restoration (CCBER), Santa Barbara, California
- Native Plant Restoration Monitoring & Maintenance Oversight, private residence, Santa Monica Mountains, California
- Desert Species Botanical Surveys, Recurrent Energy, Mojave, California
- Pre-construction surveys for sensitive species including Desert tortoise, Blunt-nosed leopard lizard, Burrowing owl, Western snowy plover, San Joaquin Valley kit fox, Giant kangaroo rat, breeding bird surveys, various locations, Southern California
- Sensitive species surveys for California least tern, United Water Conservation District, Saticoy, California
- Marine Mammal Research (acoustic analysis, photo identification, mapping of distribution, boat-based behavioral identification), POD (Protect Our Dolphins) of Santa Barbara, Santa Barbara, California & Okeanis – Monterey Bay, California
- Aquarist/Animal Husbandry Intern with Heal the Bay, Santa Monica, California
- Volunteer with Wishtoyo Foundation to collect and analyze water samples throughout the Calleguas Creek watershed, Ventura, California

WATER QUALITY MONITORING/WATER DIVERSION

- Surface water and ground water sampling (401/404), Ventura County Watershed Protection District, Various flood control channel improvement projects, Ventura County, California
- SWPPP Compliance Inspections- Westlake Village Community Park, Westlake Village, CA
- Volunteer with Wishtoyo Foundation to collect and analyze water samples throughout the Calleguas Creek watershed, Ventura, California

PERMIT COMPLIANCE MITIGATION IMPLEMENTATION

- Biological Manager, Plains All American Pipeline L.P. Line 2000 (various anomalies) and Line 63 Anomalies Repair Project
- Various Culvert Improvement/Replacement Projects, Ventura County Watershed Protection District, Ventura, California
- Construction Monitoring Lead for Arundell Barranca Culvert Project, Ventura County Water Protection District, Ventura, California.
- Construction Monitoring for Western Snowy Plover- Los Angeles County Beaches & Harbors, Los Angeles, California
- Construction Monitoring for Chapala Creek and Mason Street Bridge Replacement Project, City of Santa Barbara, California
- Construction Monitoring/Biologist Lead for McGrath State Park Campground Water Siphon, Santa Clara River estuary, Ventura, California
- Construction Monitoring for compliance with Coastal Development Permit– Private Residential Coastal Development on Padaro Lane in Carpinteria, CA
- Restoration of oak woodlands – City of Agoura Hills, Agoura Hills, CA
- Biological Resources Assessments, Cardno ATC Associates, Var. Locations, CA



STATEMENT OF QUALIFICATIONS

FOR PROFESSIONAL ENVIRONMENTAL CONSULTING SERVICES



Prepared for:

Casitas Municipal Water District
1055 Ventura Avenue
Oak View CA 93022

Prepared by:

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1861 Knoll Drive
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2019

padre
associates, inc.
ENGINEERS, GEOLOGISTS &
ENVIRONMENTAL SCIENTISTS

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1.0 INTRODUCTION

Padre Associates, Inc. (Padre) is a multidisciplinary consulting firm that assists clients in the fields of environmental sciences and geoenvironmental services. We also have in-house civil engineering and geotechnical engineering capabilities to support projects under our primary service areas, as well as Geographic Information System (GIS) services. At Padre, we pride ourselves in providing cost-effective consulting and contracting services that meet or exceed our clients' requirements.



Padre is a certified small business in the State of California. We are also registered as a small business with the federal government.

1.1 LOCATION

Padre is headquartered in the City of San Buenaventura (Ventura), California. We have additional offices located in Goleta, San Luis Obispo, Sacramento, and Bakersfield.

1.2 FIRM HISTORY AND APPROACH

Padre was formed in late 1996 by four senior professionals who are committed to the continued development of Padre as a multi-service, consulting firm focused mainly on local and regional projects. Although Padre has been in business for over 20 years, the Principals of Padre and many of our key staff each have more than 30 years of local professional experience, and over 25 years working together. The four Principals and the employees of Padre have extensive training and hands-on experience in their areas of specialty.

Padre believes that the following points set us apart from our peers.

- Commitment to our Clients
- Technical Capabilities
- Involvement of Senior Staff
- Key Staff with Proven Track Record
- Breadth of Staff Resources
- Providing Customized Services
- Strong Relationships with Regulatory Agencies
- Open, Honest and Consistent Communication
- Commitment to Providing Quality Services Safely

Padre was founded upon the principle of providing "end-point" driven services where successful project completion and client satisfaction are paramount. We value our professional relationships with our clients and depend upon providing continued services to our clients to ensure the continued success of Padre. Through the years, Padre has developed longstanding working relationships with numerous public and private clients including many that we serve under

Master Services Agreements. However, we continue to seek and value opportunities to develop new and productive working relationships.

1.3 EXECUTIVE MANAGEMENT

The founding Principals of the firm and three additional Principals provide the executive management of Padre. Each of these individuals are committed to providing hands-on management of day-to-day and long-term operations of the firm. Additionally, each of our offices has a Principal or senior staff member who provides the executive office management and regional project management services for their specific office.

Firm Principal, Mr. Simon A. Poulter, manages Padre's environmental sciences group and serves as the Principal-in-Charge for environmental services projects (e.g., National Environmental Policy Act [NEPA]/California Environmental Quality Act [CEQA] documentation, special studies, mitigation monitoring, and permitting). Firm Principal, Mr. Jerome K. Summerlin C.E.G., C.Hg., manages Padre's geoenvironmental services group and serves as the Principal-in-Charge for geoenvironmental projects (e.g., hazardous and toxic substances investigations). Firm Principal, Firm Principal, Mr. Jeffrey Damron manages staff responsible for civil engineering and geotechnical engineering projects or tasks. The Principals-in Charge are responsible for all contract issues, ensuring that the appropriate project team is assembled for each Padre project and that quality control is ensured.

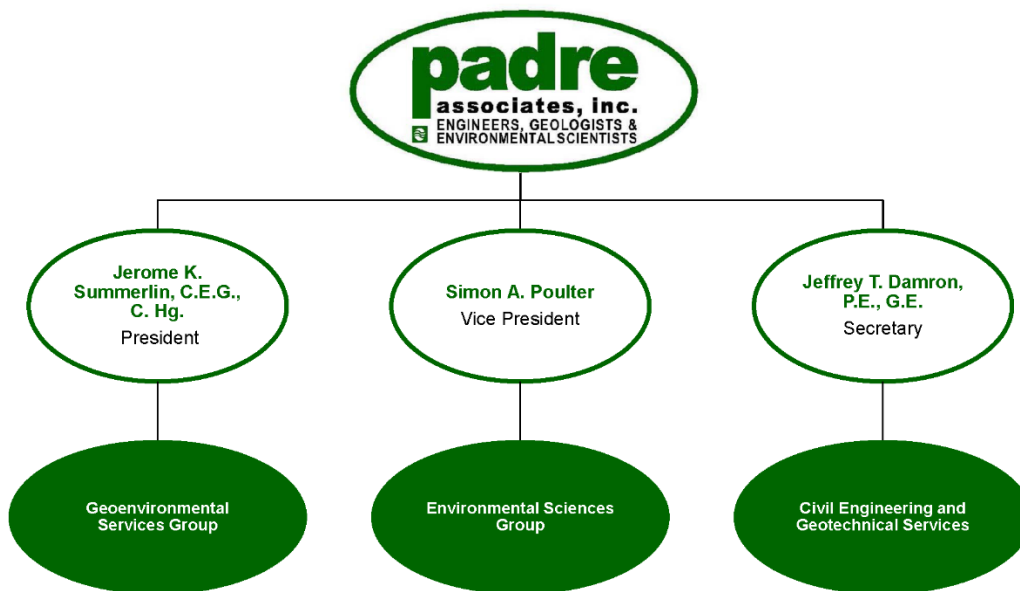


Figure 1-3. Padre Executive Management Organizational Structure

The Principals of Padre manage the firm with an approach that focuses on client satisfaction, and includes a commitment to continuing education for staff, community involvement, illness and injury prevention, flexibility in the work environment and appropriate use of technology.

2.0 TECHNICAL CAPABILITIES AND SERVICES

2.1 GENERAL CAPABILITIES AND SERVICES

Currently our offices are staffed with over 80 professionals. Our personnel include professionals in the specialty areas identified below:

- Certified Ecologists;
- Botanists;
- Wildlife Biologists;
- Certified Wetland Scientists;
- Environmental Scientists;
- Environmental Analysts;
- Marine Biologists;
- Certified SCUBA Divers;
- Certified Caulerpa Survey Specialists;
- Registered Professional Archaeologists;
- California-licensed Professional Civil Engineers, and Geotechnical Engineers;
- Professional Geologists;
- Certified Engineering Geologists;
- Certified Hydrogeologists;
- Certified Professional Soil Scientists;
- Certified Environmental Managers;
- Certified Erosion Sediment Stormwater Inspectors;
- Qualified Stormwater Pollution Prevention Plan Developers/Practitioners;
- Lead Based Paint (LBP)/Asbestos Containing Material (ACM) – Certified Asbestos Consultant (CAC) and Certified Site Surveillance Technician (CSST) Professionals;
- Certified GIS Professionals; and
- Registered Environmental Property Assessors.



Padre provides consulting services to a wide array of clients including: local, state and federal agencies; special districts (e.g., water, sanitation, waste management and schools); industry; and commercial clients. We provide our clients with expertise in multiple areas of environmental sciences and geoenvironmental consulting. Specifically, we provide services in the areas identified below in Table 2-1 supplemented by civil engineering and geotechnical engineering capabilities.

Table 2-1. Padre Services

ENVIRONMENTAL SCIENCE SERVICES	GEOENVIRONMENTAL SERVICES
<ul style="list-style-type: none"> • National Environmental Policy Act (NEPA)/California Environmental Quality Act (CEQA) Documentation • Permitting Assistance <ul style="list-style-type: none"> – Coastal Development Permitting – Discretionary Permitting • Biological Services 	<ul style="list-style-type: none"> • Phase I Environmental Site Assessments • Phase II Environmental Site Assessment and Site Characterization • Remedial Design and Oversight • Ecological and Human Health Risk Assessment • Health and Safety Management

ENVIRONMENTAL SCIENCE SERVICES	GEOENVIRONMENTAL SERVICES
<ul style="list-style-type: none"> - Biological Resource Inventories and Mapping - Habitat Restoration - Special-status Species' Surveys - Bird Breeding Surveys - Wetland Delineations - Biological Resource Monitoring During Construction - Marine Wildlife Plans and Onboard Monitoring - Inter - and Subtidal Surveys • Mitigation Monitoring and Reporting • Cultural Resources/Archaeological Services • Other Focused Specialty Studies • GIS, Mapping and Spatial Services 	<ul style="list-style-type: none"> • Stormwater Pollution Prevention Plan (SWPPP) Preparation and Compliance Monitoring • LBP/ACM Surveys and Abatement Monitoring • GIS, Mapping and Spatial Services

2.2 ENVIRONMENTAL SCIENCE SERVICES

The following sub-sections describe the Environmental Sciences Service areas that Padre staff are well experienced with and have successfully provided on behalf of our clients.

2.2.1 California Environmental Quality Act and National Environmental Policy Act Compliance

Padre has extensive experience partnering with clients to assure legally defensible compliance with CEQA as well as NEPA. Padre provides all aspects of documentation, analysis and support required pursuant to these Acts. Padre has worked on joint CEQA/NEPA projects and is familiar with compliance requirements promulgated by numerous federal agencies and state agencies administering federal funds. Specifically, Padre prepares the following documentation for its clients:

- | | |
|--|--|
| <ul style="list-style-type: none"> • Categorical Exemptions/Categorical Exclusions; • Initial Studies (IS')/Negative Declarations (NDs)/Mitigated Negative Declarations (MNDs); • Project and Program Environmental Impact Reports (EIRs); • Tiered CEQA documents; • Master Environmental Assessments; | <ul style="list-style-type: none"> • Addendums to previously certified EIRs/NDs/MNDs • Supplemental or Subsequent EIRs; • Environmental Assessments(EAs)/Findings of No Significant Impact (FONSI); • Environmental Impact Statements (EIS'); • Combined CEQA/NEPA documents; • CEQA Findings/Record of Decision; and • Mitigation Monitoring and Reporting Programs. |
|--|--|

2.2.2 Permitting Assistance

Environmental permitting can be complex, time consuming and frustrating. At Padre, we work proactively with our clients to help make the process as smooth and efficient as possible.

We identify the necessary permitting requirements for a given project, establish the appropriate agency contacts and work with our clients to develop application packages that fulfill agency requirements. We continue to provide support through the final stages of discretionary approval and beyond by providing adjunct services such as construction monitoring. Jurisdictional authorities that we routinely work with include those identified in Table 2-2 below.

Table 2-2. Agencies and Related Permits/Approvals

Agency	Permits/Approvals
U.S. Army Corps of Engineers (USACOE)	Section 404 Permits of Clear Water Act, 33 U.S. Code 1344 and Executive Order 11990; and Section 10 of the Rivers and Harbors Act of 1899.
U.S. Fish and Wildlife Service (USFWS)	Consultation under the Endangered Species Act (16 U.S. Code 1531) in coordination with the local jurisdiction and lead Federal agency (e.g., USACOE or Federal Highway Administration)
California Department of Fish and Wildlife (CDFW)	Section 1602 Stream Alteration Agreement and California Endangered Species Act (Sections 2080-2085)
California Regional Water Quality Control Board (RWQCB)	NPDES permits for construction dewatering, discharge of groundwater to surface water and water quality certification Clean Water Act (Section 401)
California State Lands Commission (CSLC)	State Lease Agreements, Amendments, Renewals and Terminations
California Coastal Commission (CCC)	Coastal Development Permits and Federal Consistency Determinations
California Department of Transportation (Caltrans)	Caltrans encroachment permits for projects encroaching into State highway rights-of-way
Local Agencies	Use Permits and Coastal Development Permits

Padre staff members have first-hand experience obtaining permits and approvals for a wide range of decommissioning, development and maintenance projects. Based upon past experience with the permitting of public and private projects, the following key elements have proven to be a successful strategy for permitting.

- Review existing environmental documentation
- Prepare a preliminary project description
- Conduct pre-application meetings with key permitting agencies
- Conduct site-specific field investigations, as necessary
- Prepare Project Development Plan and permit applications
- Submit applications and maintain ongoing communications with agency staff

Through the implementation of these tasks, the project team develops an understanding of the agencies' information needs that facilitates the preparation of complete and comprehensive

application packages. A well-prepared application allows agency staffs to process the applications in a timely fashion and helps avoid continual information requests, and resulting application resubmittals and delays. Our direct working relationships with permitting agency personnel and knowledge of past project requirements or conditions, allows us to effectively negotiate permit conditions that are reasonable and effectively implemented.

Padre also has experience with numerous additional agencies it interfaces with as part of its geoenvironmental services projects. These agencies include the air pollution control districts; environmental health agencies; the California Environmental Protection Agency, the Department of Toxic Substances Control Board and the California State Water Resources Control Board among others.

2.2.2.1 Coastal Development Permitting

Projects requiring siting, operation, and infrastructure removal within the coastal environment of California undergo extensive review and analysis by regulatory agencies, environmental organizations, and the public. Padre's staff has detailed experience with environmental assessment, permitting, and monitoring of coastal development and decommissioning projects. Our principals and key staff have been in the forefront of technical and regulatory issues associated with the construction and subsequent removal of coastal oil and gas production and processing facilities.



2.2.2.2 Other Discretionary Permitting

We assist clients with inland projects potentially affecting sensitive resources such as waterways, wetlands and environmentally sensitive habitat by effectively obtaining the permits necessary to achieve their goals. We provide resource inventories, and wetland delineations in support of permit applications, and work together with our clients in developing comprehensive applications with the goal of minimizing delays in permit processing by anticipating agency needs.

2.2.3 Biological Services

2.2.3.1 Biological Resource Inventories and Mapping

Padre can facilitate preliminary planning of projects by providing constraints analyses identifying biological resources that should be considered during preliminary engineering design. We typically conduct literature research and biological surveys during appropriate seasons to develop a biological inventory of the affected area, and produce maps identifying the location and sensitivity of biological resources. Mapping may include buffer areas and biological preserve areas to facilitate project approval. We also conduct focused special-status species surveys within terrestrial and aquatic environments including the marine environment to facilitate project planning.

2.2.3.2 Habitat Restoration

Padre has extensive experience in habitat restoration, including planning, implementation, monitoring and reporting. Most of our habitat restoration projects are associated with mitigation required by permit conditions. We specialize in riparian habitat restoration but are also experienced in coastal scrub other upland and dunes restoration projects. Typical services include preparation of a restoration/mitigation plan for agency approval, coordination with a landscape contractor during planting and the post-planting maintenance period, long-term monitoring (typically 5 years) of success as per permit conditions, and annual reporting during the monitoring period. Padre staff can also obtain plant materials and install them for smaller projects, when use of a landscape contractor may not be needed, or provide onsite plant propagation and installation for large projects.



2.2.3.3 Special Status Species Surveys

Padre biologists have a wide range of capabilities and specialties. Most have recovery permits allowing handling of listed species, including, California red-legged frog, snowy plover, and least Bell's vireo among others. Surveys for other special-status species may include rare plants, California tiger salamander, coast horned lizard, two-striped garter snake, blunt-nosed leopard lizard, burrowing owl, kangaroo rats (various species), bats, San Joaquin antelope squirrel, and San Joaquin kit fox. Survey reports are prepared and may include impact avoidance and minimization measures, mitigation plans to compensate for habitat loss, and monitoring recommendations to be implemented during construction.



2.2.3.4 Breeding Bird Surveys

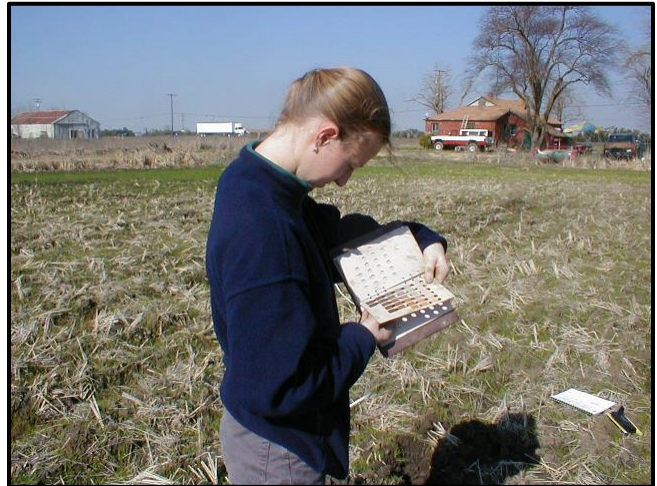
Regulatory permits and environmental impact reports typically include requirements to avoid bird nests in compliance with the CDFW Code and Migratory Bird Treaty Act. Padre biologists conduct pre-activity surveys during the bird breeding season to identify active nests, based on bird behavior and direct sightings of nests. Activities that may affect bird nests may include excavation, construction of structures and maintenance (primarily along channels). Active nests are typically identified, and a no-work buffer area is established around the nest in coordination with resource agencies. The size of the no-work buffer is typically based on the intensity of the work activity and the sensitivity of the species involved. Active nests may be monitored by Padre staff to determine when the young have fledged, and work may resume near the nest.



2.2.3.5 Jurisdictional Determinations and Wetland Delineations

Padre provides a complete array of instream regulatory services for our clients including identifying the limits of regulatory jurisdiction of the CDFW and USACOE. We can also conduct wetland delineations to identify wetland waters of the U.S., develop mitigation plans and facilitate permit issuance.

Padre staff members also have extensive experience meeting the biological reporting requirements for projects with Federal funding, including Natural Environment Studies (NES'), Biological Assessments (BAs), Marine Mammal



Studies and Essential Fish Habitat Studies required for projects with oversight by Caltrans.

2.2.3.6 Biological Monitoring

Padre provides comprehensive biological monitoring during construction as typically required by regulatory permits and environmental reports prepared pursuant to CEQA and NEPA. (Padre also provides general environmental compliance monitoring covering a wide array of environmental issues.) Monitoring may be part-time or full-time depending on the presence of special-status species or other sensitive biological resources. Monitoring services are tailored to the project and its permit conditions, to ensure resources are protected and on-site the monitor's time is efficiently utilized.



Monitoring may include relocation of special-status species if found in the work area, including fish rescue during stream diversion activities. Special-status species relocated by Padre biologists have included but are not limited to California red-legged frog, coast horned lizard, pond turtle, two-striped garter snake, tidewater goby, arroyo chub and Santa Ana sucker. If requested, Padre can provide water quality monitoring (required for construction dewatering, stream diversion) simultaneously with biological monitoring.

2.2.4 Mitigation Monitoring and Reporting

Padre environmental specialists have prepared and implemented numerous mitigation monitoring and compliance programs. This process starts with the identification of suitable mitigation measures that are written with concise language and precision to allow effective implementation. Once the environmental impact assessment documentation is completed, the mitigation monitoring program can be prepared. Such programs will include guidance on the criteria for implementation, timing of the action, the responsible monitoring parties, reporting requirements, and the agencies requiring this reporting.

In addition to monitoring programs, Padre's staff has extensive experience in preparing compliance programs that allow the project manager to track mitigation requirements for the project that include not only the NEPA/CEQA measures, but those placed on the project through permit conditions. Such programs are designed to cross reference duplicative requirements and allow systematic tracking of these requirements. These programs also allow the project manager to evaluate the effect of project design changes on project mitigation requirements, avoiding costly delays associated with re-evaluation of project impacts or permit condition re-negotiations.

During project construction and site restoration, Padre can provide comprehensive mitigation monitoring and implementation services. Padre's staff members have overseen numerous construction projects to determine mitigation compliance. Padre's field staff is well experienced in providing field briefings to construction crews and working with contractors to avoid violations of the mitigation program.

2.2.5 Cultural Resources/Archaeological Services

Padre's archaeology staff is familiar with all aspects of archaeological excavations and archival research including literature search, Native American coordination, reconnaissance-level pedestrian survey, site identification and documentation, Phase II subsurface testing and evaluation, Phase III data recovery excavations, and archaeological construction monitoring. Our senior archaeologist meets the U.S. Secretary of the Interior's Professional Qualifications Standards in archaeology.



In coordination with our compliance staff, Padre offers our clients the professional guidance and technical skills needed to successfully navigate Section 106 of the National Historic Preservation Act, CEQA, and numerous county and municipal laws pertaining to cultural resources. Our cultural resources/archaeology staff also facilitates communication between our clients and other interested parties such as State and Tribal Historic Preservation Officers, agency staff, and the public.

2.2.6 Other Focused Specialty Studies

Padre staff members are experienced at conducting focused specialty environmental studies including air quality and noise studies. These focused studies are conducted by issue-area specialists and are designed to provide comprehensive data concerning potential environmental consequences. Additional input regarding project modifications that reduce or eliminate these potential consequences can be provided early in the design phase to help avoid permitting delays or expensive mitigation requirements.

2.2.7 Geographic Information System Mapping and Spatial Services

Padre employs a wide range of tools and software to provide clients with tailored, and effective spatial and graphics services. Some of the tools and software we use include: Esri ArcGIS desktop; Esri ArcGIS Online, and mobile applications such as Collector; high accuracy global positioning system (GPS) hardware; AutoCAD Civil 3D; Bentley gINT database and visualization software; and other graphic design software. With this arsenal of tools, the Padre Mapping and Spatial Services group provides a wide array of services to meet varied clients' needs. Some common services include:



- **Cartography.** Attractive and informative cartographic products ranging in size and message.

- **Spatial Analysis.** Quantify spatial relationships including overlay (impact), proximity, watershed modeling, remote sensing and interpolation analysis.
- **Database Development and Management.** Compiling and maintaining integrity and consistency in data.
- **Field Data Collection.** Effectively locating and collecting meaningful data in the field through use of high accuracy GPS receivers, data dictionaries and ArcGIS Online compatible web and mobile apps.
- **Grading Plan Development.** In a three-dimensional environment (3D) analysis of existing site conditions is conducted to design a proposed plan modeling elevations, volumes, and project feature locations.
- **Cross-section Development.** Data driven profiles developed to visualize and understand subsurface conditions.
- **Story Map Web App Development.** Story Maps combine text, photos and images, ArcGIS Online Maps, and multi-media elements to communicate powerful ideas.
- **UAV (Drone) Monitoring.** Cost effective alternative to traditional aerial image capture allows each phase of projects to be documented through high resolution images and videos.
- **GIS Viewer Deployment.** Securely making GIS data available and consumable to non-GIS users through easy to use online, desktop, and mobile applications such as ArcGIS Online.
- **Graphic Design.** Attractive graphics developed focused on communicating a message and theme.

2.3 GEOENVIRONMENTAL SERVICES

The following sub-sections illustrate the Geoenvironmental Service areas that Padre staff are well experienced with and have successfully provided on behalf of our clients. Additional detail can be provided upon request.

2.3.1 Environmental Assessment

Padre has conducted Phase I Environmental Site Assessments (ESAs) throughout California, Nevada, Arizona, and Texas since our inception. In 2018 Padre completed over 60 Phase I ESAs. Our experience ranges from single parcels and undeveloped parcels to conducting due diligence assessments for industrial, commercial, and multi-family housing properties for multi-site portfolios. Padre specializes in the completion of Phase I ESAs for the decommissioning and/or redevelopment of oil and gas fields.

2.3.1.2 Environmental Site Assessment and Site Characterization

Padre employs a range of registered professionals including civil engineers, geotechnical engineers, registered geologists, engineering geologists, and hydrogeologists, who are experienced in conducting site assessment and characterization programs. By interacting with our clients to establish project-specific goals and objectives, we develop site-specific scopes of

work in accordance with the guidelines of the relevant regulatory agencies. Our experienced senior staff has excellent working relationships with local, state and federal regulatory agencies which facilitates successful project implementation. Padre possesses the in-house resources to perform aboveground assessment programs and subsurface assessment programs, as well as preparing all necessary site-specific health and safety plans, technical work plans, site remediation plans/corrective action plans, and feasibility analyses.

2.3.1.3 Feasibility Studies

Padre staff has conducted numerous feasibility studies pertaining to hazardous substances impacted sites to screen possible remediation alternatives including cost estimates, regulatory considerations, time schedules, and plan performance. Additionally, our engineering staff has the in-house resources to design detailed soil and groundwater remediation system plans and specifications documents, which may be utilized as contract documents. Padre can also provide construction monitoring and quality assurance services, as well as remediation system monitoring during the course of remediation activities.

2.3.2 Environmental Remediation

Padre possesses the in-house capabilities to execute soil and groundwater remediation projects, as well as providing consulting and remediation project review services. Our staff has substantial experience in performing soil and groundwater remediation projects on behalf of private and public clients. These projects have included the use of the following remediation technologies: in-situ soil vapor extraction; ex-situ bioremediation; low flow soil vapor extraction/bioventing; groundwater extraction and treatment; air sparging coupled with soil vapor extraction; and in situ bioremediation employing Oxygen Releasing Compounds and Hydrogen Releasing Compounds.

Padre's risk assessment staff has performed risk assessments under the Resource Conservation Recovery Act and State of California guidance. A critical portion of our experience is in negotiating favorable risk assessment parameters and site closure criteria on behalf of our clients. Using the guidance of the American Society for Testing Materials' Risk-Based Corrective Action parameters, we can eliminate the need for unnecessary assessment and remediation programs. Padre also has experience in the completion of Preliminary Endangerment Assessments under the review of the California Department of Toxic Substances Control.

Padre is experienced in the design, permitting, and application of containment features utilized to limit the mobility of both soil and groundwater contamination plumes. Padre has experience in the design and construction of sheet pile cut-off walls, the construction of slurry walls/grout curtains, the design and construction of vapor barriers and vapor recovery features, and the construction of various types of oxygen barriers. Padre also has applicable experience



working with interim containment design and implementation as they apply to the containment and removal to free product removal contamination recovery.

2.3.3 Ecological and Human Health Risk Assessment

Padre has extensive experience gathering and interpreting data for ecological and human health risk assessments, including: designing assessment strategies; managing data evaluation; and interfacing with regulatory agencies. Ecological risk-related projects span from projects in terrestrial settings to intertidal and marine environments. Human health risk-related projects include evaluating potential vapor intrusion to providing risk-based clean-up goals to minimize the overall environmental footprint of the remediation project; therefore, reducing overall project costs.



2.3.4 Health and Environmental Safety Management

Padre's Health and Environmental Safety (HES) staff has are experienced in industrial hygiene, chemical exposure monitoring, Health and Safety Plan development and implementation, compliance auditing, personnel training, personal protective equipment assessment and hazard analysis. Additionally, Padre's HES staff routinely complies with waste profiling and disposal compliance, and requirements, and provides invaluable oversight and management of waste handling and disposal activities. Padre's HES staff has extensive experience in sample collection, waste profiling, waste management and disposal activities and routinely work with disposal facilities to provide waste alternatives and solutions for our clients.

2.3.5 Stormwater Pollution Prevention Plans and Erosion Control Plans

Padre provides stormwater compliance services including: development of stormwater plans, site inspections and related monitoring services. The first step in complying with stormwater regulations is the preparation of permit documentation which includes the development of a stormwater pollution prevention plan or SWPPP. Padre assists clients in the preparation of accurate and comprehensive SWPPPs for a wide range of projects ranging from small building sites to oil field sites in excess of 2,000 acres. Our Qualified SWPPP Developers (QSDs) assist clients in developing appropriate strategies for their particular construction projects in order to comply with Federal and State stormwater regulations intended to minimize sediment and other pollutants in stormwater runoff associated with construction activities. Padre staff includes 10 Qualified SWPPP Practitioners (QSPs) and/or QSDs that help ensure stormwater General Permit compliance by providing site inspections; QSP services; management of documentation and compliance; Storm Water Multiple Application and Report Tracking System (SMARTS) online database filings and annual reports; Best Management Practices (BMPs) recommendations; sampling services; and laboratory analysis (outside laboratory) and results interpretation.

Padre's QSPs provide required SWPPP inspection services (weekly, pre-storm, during storm and post-storm) and work with the Legally Responsible Person (LRP) and contractors to address deficiencies that can arise through the duration of a project. The QSPs are regularly authorized to act on behalf of the LRP in submitting the necessary project Permit Registration Documents (e.g., Notice of Intent, Risk Assessment, Post-Construction Calculations, a Site Map, the SWPPP, a signed certification statement by the LRP, and the first annual fee) as well as follow-up reports through SMARTS. Our QSPs serve as the persons responsible for implementing the SWPPP on the project site and are also in charge of implementing Rain Event Action Plans which may be developed as necessary by the QSD.

For small projects that do not require inclusion in the RWQCB SWPPP program, Padre QSDs prepare erosion control plans to satisfy the requirements of the local enforcement agency which are commonly tied to a grading permit.

2.3.6 LBP/ACM Surveys and Abatement Monitoring

Padre staff includes a California CAC to conduct asbestos material surveys, and abatement and remediation compliance oversight activities. Our staff routinely conducts personal exposure and perimeter air monitoring for asbestos and lead-based paint as part of our compliance oversight monitoring activities. Our staff can assist in all phases of design, work plan development and implantation of abatement and remediation projects.

3.0 PADRE PROJECT EXPERIENCE

Padre has provided environmental consulting services since its inception in 1997, more than 20 years ago. During these years Padre staff have managed and implemented projects ranging from small focused resource studies to large multi-discipline regional projects within our various disciplinary fields. Our clients range from individuals to multi-national corporations. As mentioned previously, Padre has a number of long-held master services agreements through which we provide on-call environmental, geoenvironmental and geotechnical services.

Table 3-1 provides a representative list of environmental science consulting services projects Padre is currently working on or has completed recently (generally within the last five years; however, some of the identified projects are multi-phase and were initiated over five years ago but have included tasks that have been conducted within the last five years). Project experience details for our geoenvironmental and geotechnical services can be provided upon request.

Table 3-1. Environmental Sciences Project Experience

Project Name	Client	Services Provided
CEQA/NEPA		
Calleguas Municipal Water District – Las Virgenes Municipal Water District Intertie	Calleguas Municipal Water District	CEQA: EIR
Santa Rosa Road Debris Basin No. 2 Compliance	Ventura County Watershed Protection District	CEQA: IS/MND
Crosstown Water Pipeline Project	City of Santa Paula	CEQA: IS/MND
Wastewater Reclamation Plan	Laguna County Sanitary District	CEQA: EIR
Agromin Composting and Soil Amendment Facility	Ventura County Resource Management Agency, Planning Division	CEQA: EIR
North Pleasant Valley Groundwater Treatment Facility	City of Camarillo	CEQA: Supplemental EIR NEPA: EA
Stockton Reservoir Replacement	Ventura County Water and Sanitation Department	CEQA: IS/MND and Addendum
Ventura Westside Bicycle and Pedestrian Improvements Project	City of Ventura	CEQA: IS/MND Other Services: Archaeological Survey and Historic Resources Evaluation (Caltrans NEPA compliance)

Project Name	Client	Services Provided
Tajiguas Resource Recovery Project	County of Santa Barbara/Mustang Renewable Power Ventures, LLC	CEQA: Subsequent EIR Other Services: Biological monitoring
Mission Creek Debris Basin Storm Drain	Santa Barbara County Flood Control and Water Conservation District	CEQA: IS/MND
Westlake Boulevard Sidewalks Project	City of Thousand Oaks	CEQA: IS/MND NEPA: NES
Fernald Point Lane Bridge (51C-137) Replacement Project	County of Santa Barbara Public Works Department	CEQA: IS/MND
Permitting		
Dynegy Morro Bay Power Plant Marine Terminal Decommissioning	Dynegy Morro Bay, LLC	Permitting: Permitting: CSLC approval, CCC Coastal Development Permit, USACOE (Nationwide Permit [NWP] Authorization), RWQCB (Water Quality Certification) Other Services: CEQA IS/MND, and environmental monitoring
Las Flores Canyon Hazardous Tree Abatement Project	ExxonMobil Production Company	Permitting: Zoning Clearance from the County of Santa Barbara Planning and Development Department Other Services: Biological monitoring
Carpinteria Avenue Bridge Replacement	City of Carpinteria Public Works Department	Permitting: City of Carpinteria Coastal Development Permit Other Services: CEQA: Scoping Document and EIR NEPA: Technical studies for submittal to Caltrans to address NEPA compliance, including a NES, BA, visual impact assessment, noise technical memorandum, and water quality technical memorandum
Bailard and Coastal Landfills – Drain Maintenance Permitting and Compliance	Ventura Regional Sanitation District	Permitting: USACOE (NWP Authorization), CDFW (Streambed Alteration Agreement) and RWQCB (Section 401 Certification) Facilitated issuance of a Biological Opinion by the USFWS authorizing take of the endangered least Bell's vireo.
Carpinteria Valley Water District Sentinel Wells Project	Carpinteria Valley Water District	Permitting: County of Santa Barbara Coastal Development Permit Other Services: CEQA (Notice of Exemption)
Biological Services		
Mariano Ranch	Jensen Design & Survey	Biological Constraints Analysis

Project Name	Client	Services Provided
San Miguelito Creek Restoration	Imerys Minerals California	Biological habitat restoration and monitoring
Conejo Canyons Bridge	Conejo Open Space Conservation Agency	Biological Baseline Assessment
Arroyo Simi Grade Stabilizer No. 2 Upstream of Madera Road Repair Project	Ventura County Watershed Protection District	Nesting bird and sensitive species surveys; successful capture and relocation of over 2,000 arroyo chub Other Services: Environmental monitoring (surface and groundwater quality)
Camp Roberts High Water Bridge Rehabilitation Project	Avocet Environmental, Inc.	Botanical restoration (wetland and upland species) planning, implementation and monitoring
Carpinteria Avenue Bridge Replacement at Carpinteria Creek	City of Carpinteria	NES and BA
Westlake Boulevard Sidewalks and Bike Lanes	City of Thousand Oaks	NES (Minimal Impact)
Mitigation Monitoring		
J Street Drain Improvement	Ventura County Watershed Protection District	Groundwater and surface water quality monitoring, and biological (including endangered species) monitoring Other Services: biological surveys, and multiple capture and relocation of tidewater goby events
Boeing Santa Susana Field Lab Soils Remediation	Boeing	Biological monitoring CEQA: EIR section (biology and cultural resources) peer review
Guadalupe Oil Field Restoration Project	Chevron Environmental Management Company (EMC)	Biological (botanical and wildlife) monitoring, archaeological monitoring, air quality monitoring and groundwater quality monitoring Other Services: remediation, restoration activities, native plant propagation and weed eradication
Cultural Resources/Archaeological Services		
Westside Pedestrian and Bicycle Improvements Project	City of Ventura Public Works Department	Phase I Archaeological Survey and Site Identification; archaeological and historical research, Native American consultation
Beachwalk Inn Hotel Project	Nexus Development Corporation	Phase II testing and evaluation for California Register of Historic Resources/National Register of Historic Places eligibility; laboratory processing and data analysis
351 Hinds Avenue, Pismo Beach	Private party	Phase III data recovery
Wellfield Emergency Generator Facility	Calleguas Municipal Water District	Phase I archaeological reconnaissance survey, records search, Native American consultation

4.0 PADRE STANDARD FEE SCHEDULE

PROFESSIONAL SERVICES

Principal Professional II	\$ 210/hr
Principal Professional	\$ 180/hr
Senior Professional II.....	\$ 160/hr
Senior Professional.....	\$ 150/hr
Project Professional II.....	\$ 130/hr
Project Professional.....	\$ 120/hr
Staff Professional II.....	\$ 110/hr
Staff Professional.....	\$ 95/hr
Senior Technician (Non-Prevailing Wage).....	\$ 90/hr
Senior Technician (Prevailing Wage).....	\$ 95/hr
Technician (Non-Prevailing Wage)	\$ 80/hr
Technician (Prevailing Wage)	\$ 85/hr
Senior GIS Specialist.....	\$ 110/hr
GIS Specialist	\$ 95/hr
Drafting.....	\$ 75/hr
Word Processing/Technical Editor	\$ 80/hr

*Overtime rates for Technicians and Office Staff is 1.5 x rates shown.

Fees for expert witness preparation, testimony, court appearances, or depositions will be billed at the rate of \$425 per hour.

OTHER DIRECT CHARGES

Subcontracted Services	Cost Plus 15%
Outside Reproduction	Cost Plus 15%
Travel, Subsistence, and Expenses.....	Cost Plus 15%
SCUBA Charge.....	\$ 100/day
Vehicle.....	\$ 80/day
Photoionization Detector	\$ 120/day
Nuclear Density Gauge	\$ 85/day
Automobile Mileage.....	\$ 0.85/mile

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: MIKE FLOOD, GENERAL MANAGER
FROM: JULIA ARANDA, ENGINEERING MANAGER
SUBJECT: ON-CALL GEOTECHNICAL SERVICES
DATE: 04/10/19

RECOMMENDATION:

It is recommended the Board of Directors sign professional services agreements with: Oakridge Geoscience, Inc. and Yeh and Associates for on-call geotechnical services.

BACKGROUND:

The Engineering Capital Project budgets for fiscal years 2018-19 and 2019-20 include significant improvements to the Casitas and Ojai Water Systems. The number and scope of these improvements requires geotechnical services. District Engineering staff will coordinate the work of consultants for specific projects.

Oakridge Geoscience, Inc. (Oakridge) and Yeh and Associates (Yeh) are currently providing services to the District as subconsultants to several of the engineering firms on the District's on-call engineering contract. It is anticipated geotechnical services, such as construction materials testing, will be needed for multiple projects, including those related to the Robles Diversion Facility and Ojai Water System Pipeline Improvements. Geotechnical services may also be needed to assist District staff in evaluating erosion, seismic stability, or special inspection. The term will be until June 30, 2020 and may be extended at the District's option.

Task orders will be issued to firms on a rotating basis based on the expertise of the firm and their subconsultants. The consultant selected for the Task Order will provide a letter proposal to the District with a project understanding, approach, scope, fee, and schedule. A separate Task Order will be issued for each project with a negotiated scope, fee, and schedule. There is no designated minimum nor maximum value of services to be awarded to any one consultant. Task Orders above the General Manager's authorization limit will be presented to the appropriate Committee, if necessary, and the Board for approval.

BUDGET IMPACT:

Funding is included in the budgets for specific projects in the Casitas System and Ojai System Capital budgets for FY 2018-19 and 2019-20.

Attachments:

Statement of Qualifications, Oakridge Geoscience, Inc.
Statement of Qualifications, Yeh and Associates



PO Box 2540, Camarillo, California 93011
www.Oakridgegeo.com
805-603-4900

February 15, 2019
Project No. OGI0198

Casitas Municipal Water District
1055 N Ventura Ave
Oak View, California 93022

Attention: Ms. Julia Aranda, PE

Subject: Statement of Qualifications for Geotechnical Design and Construction Materials Testing Services

Dear Julia:

Oakridge Geoscience, Inc. (OGI) is pleased to express our interest and submit our qualifications to provide geotechnical engineering and construction materials testing services to Casitas Municipal Water District for On-Call Geotechnical Services.

The enclosed information provides an overview of our company and a summary of our capabilities and services, experience, and staff. As you know, we have a long history on Public Works projects for the various agencies in the Ventura and Santa Barbara County areas for both design and construction materials testing projects. Those projects also include your replacement bridge projects over the Los Robles Canal and construction testing services along the canal.

CLOSURE

Thank you for the opportunity to provide this SOQ outlining our capabilities and for considering us for an on-call contract to provide geotechnical design and testing services. We look forward to working with you and the Casitas Municipal Water District staff. Please contact us if you require additional information or have any questions on the information presented herein.

Sincerely,

OAKRIDGE GEOSCIENCE, INC.

Lori Prentice, CEG
President

Attachments: Statement of Qualifications
2019 Fee Schedule

STATEMENT OF QUALIFICATIONS

1.0 INTRODUCTION

Oakridge Geoscience, Inc. (OGI) is pleased to express our interest and submit our qualifications to provide geotechnical engineering and materials testing services to the Casitas Municipal Water District (CMWD) for On-Call Geotechnical Services.

2.0 COMPANY INFORMATION, OVERVIEW, AND SERVICES

2.1 COMPANY INFORMATION

OGI is incorporated in California as an 'S' Corporation. Our firm has been certified by State of California (Caltrans and Small Business Administration) as a Disadvantaged Business Enterprise (DBE) for federal projects, a State Women-Owned Business Enterprise (SWBE), and a Small Business Enterprise (SBE). Our certification numbers are summarized below.

DBE Firm No. 42650 (Federal)

SWBE Firm No. 42650 (State)

SBE Firm No. 1795788 (State)

In addition, our staff members are licensed by the State of California in geology, engineering geology, and geotechnical engineering. Individual license numbers are provided below.

OGI is managed by two principal engineering geologists, Ms. Lori Prentice and Mr. Craig Prentice, both with over 30 years of geologic and geotechnical engineering experience, primarily in central and southern California. The majority of our work experience consists of providing geotechnical engineering services for Public Works infrastructure projects in southern and central California; a large percentage of those projects were based here in Ventura County. Our project experience includes the anticipated spectrum of geotechnical service elements that may be required by CMWD under this on-call contract as discussed below.

2.2 COMPANY OVERVIEW

The following paragraphs summarize OGI's professional capabilities, staff, and experience to provide geotechnical services to CMWD.

2.2.1 Professional Capabilities

Our professional capabilities include:

- Engineering Geology – seismic hazard assessments, fault evaluations, landslide evaluations,
- Geotechnical Engineering,
- Project/Site Management,
- Construction Materials Engineering and Testing,
- Geotechnical Laboratory Testing, and
- Geotechnical and Geologic Third-Party Reviews.

2.2.2 Project Experience

Our project experience focuses on Public Works infrastructure and our services include:

- Desktop geologic/geotechnical siting studies for preliminary planning of infrastructure projects; and
- Design-level geotechnical studies for the following types of projects.
 - ✓ Water/wastewater facilities;
 - ✓ Small- to large-diameter pipelines using conventional cut-and-cover construction as well as trenchless technologies;
 - ✓ Above- and below-ground reservoirs;
 - ✓ Above- and below-grade foundations for buildings, plant facilities, vaults, etc.;
 - ✓ Water resources including storm-water retention and groundwater studies; and
 - ✓ Transportation projects (roads, bridges, bike paths, etc.)
- Geotechnical laboratory testing services, and
- Construction Materials testing services, including compaction testing and special inspection (concrete, rebar, welding).

2.2.3 Company Staff

OGI has four primary staff members based out of our Camarillo office:

Lori Prentice, PG, CEG, President. Lori is responsible for overall company operations, planning, and financial direction. Lori has over 30 years of local and international experience managing and directing geologic and geotechnical infrastructure projects. Her experience provides unique insight into successful engineering geology and geotechnical aspects of a wide variety of projects.

EDUCATION: B.S. Geology, University of Southern California, Los Angeles, 1980
Short Courses: Earth Retaining Structures; Slope Stability and Landslides; Erosion Control; Seismic Hazard Analysis; Excavation and Grading Code Administration, Inspection, and Enforcement

LICENSES AND CERTIFICATIONS: Professional Geologist No. 7533, California 2003
Certified Engineering Geologist No. 2312, California 2004
California Division of Occupational Safety and Health (DOSH)
40-Hour Health and Safety Training for Hazardous Waste Sites;
Current 8-Hour DOSH Refresher Course; Confined Space Entry

Craig Prentice, PG, CEG, Principal Geologist. Craig brings over 30 years of experience performing and managing geotechnical projects throughout California with a focus on the central coast. Project sizes range from \$5,000 reconnaissance studies to multi-million-dollar infrastructure design/construction projects.

EDUCATION: BS Geology, University of California, Santa Barbara, 1981

LICENSES AND CERTIFICATIONS: Professional Geologist No. 5120, California, 1991
Certified Engineering Geologist No. 1602, California, 1991
American Concrete Institute Field Testing Technician - Grade 1 #01364795

Tony Robinson, PhD, CEG, GE, Principal Geotechnical Engineer. Tony brings over 35 years of geotechnical experience on the central coast covering a wide variety of projects. His extensive experience includes both geologic and geotechnical projects from design through construction. Tony provides geotechnical engineering support on an on-call basis currently.

EDUCATION: Doctorate of Philosophy, Geological Sciences, 1993 to 1997
University of Southern California, Los Angeles, CA
Masters of Science, Geological Sciences, 1990 to 1993
University of Southern California, Los Angeles, CA
Bachelor of Science, Geological Sciences, 1985 to 1989
California State University, Northridge, CA

LICENSES AND CERTIFICATIONS: Registered Geotechnical Engineer, No. GE 2491, California.
Registered Civil Engineer, No. CE 51134, California.
Certified Engineering Geologist, No. CEG 1902, California.
Certified Hydrogeologist, No. CHG 52, California.
Registered Geologist, No. RG 5912, California.

Shawn Prentice, Field Technician. Mr. Prentice is ACI and Caltrans-certified; he performs geotechnical laboratory testing and provides construction materials testing services including field testing for soils, aggregate base, asphalt concrete, and concrete for various public works projects.

LICENSES AND CERTIFICATIONS: ACI Certified Field Testing Technician - Grade 1 #01403059
Troloxer nuclear density gauge trained
Caltrans-certified in test methods CT 125, CT 216, CT 231, and CT 375

2.2.4 Experience

Our staff has performed hundreds of geotechnical studies utilizing the complete range of exploration methods including:

- Soil and rock drilling using auger, bucket-auger, rotary-wash, rock coring, and air-percussion drilling methods,
- Cone penetration testing (CPT),
- Geophysical methods including seismic refraction, reflection, and Re-Mi,
- Groundwater monitoring well construction, development and sampling, and
- Backhoe test pits and trenching, hand-augers, and field mapping.

In addition, our staff have performed:

- Trenching studies to evaluate fault rupture potential and landslides,
- Seismic geohazard evaluations such as liquefaction, liquefaction settlement and dry seismic settlement potential,
- Slope stability studies to evaluate landslides and unstable slope conditions,
- Geotechnical review services for multiple local agencies including the Cities of Thousand Oaks, Santa Paula, Fillmore, Camarillo, Santa Barbara, Santa Clarita, and the Counties of Santa Barbara and San Luis Obispo, and
- Field inspection and testing services for multiple local agencies such as the Cities of Ventura, Santa Paula, and Fillmore, County of Ventura, Ventura Regional Sanitation District, Calleguas Municipal Water District, and Las Virgenes Municipal Water District.

2.2.5 Laboratory Testing

We perform many of the standard laboratory classification tests to evaluate soil properties in our geotechnical laboratory located in Camarillo. In addition, our geotechnical laboratory is Caltrans-certified in a number of test methods. More advanced laboratory tests, including shear strength, consolidation, and permeability testing is performed under subcontract to accredited geotechnical laboratories such as California Polytechnic University, San Luis Obispo and Cooper Testing Laboratory in Palo Alto.

2.2.6 Project Management and Approach

Projects for CMWD will be managed by either of our two principals, Ms. Lori Prentice or Mr. Craig Prentice. Both of our principals provide hands-on, pro-active project management to deliver projects on time and within the proposed fee. We will work diligently to perform projects and keep CMWD staff up to date on project status on a weekly basis by emails (or more often as needed) and more formally using monthly reports for longer projects.

2.3 ANTICIPATED GEOTECHNICAL SERVICES

We anticipate the geotechnical engineering services that may be requested under this on-call agreement may consist of the following:

1. General field exploration, including borings and/or backhoe test pits as appropriate, for geotechnical evaluation and project design.
2. Geotechnical laboratory testing for geotechnical design and/or construction materials testing projects.
3. Soils/geotechnical evaluation, reports and recommendations.
4. Foundation design parameters, recommendations/requirements.
5. Review and interpret slope stability and failures, seismic hazard assessment, liquefaction assessment, and associated other related work.
6. Support during the bid period of projects.
7. Field reviews, verification, and certification during construction.
8. Construction materials testing services, including grading and bottom observations, compaction testing, and special inspection services during construction.

3.0 REFERENCES AND PROJECT DESCRIPTIONS

The following tables summarize relevant OGI staff references and the project descriptions.

References and Relevant Project Descriptions

Client Information	Ojai Valley Sanitary District (OVSD)
Client Project Manager	Mr. Jeff Palmer, General Manager
Address	1072 Tico Rd, Ojai, California 93023
Telephone Number / Email Address	(805) 646-5548 / jeff.palmer@ojaisan.org
Types of Services	Geotechnical Engineering/Engineering Geology, subsurface exploration, laboratory testing, analyses/reporting
OGI Staff	Ms. Lori Prentice, CEG / Mr. Craig Prentice, CEG / Dr. Tony Robinson, GE
Project Description	<p>Proposed Trenchless Replacement of Sewer Pipeline Alignment in Kunkle Creek, Oak View, California, Ojai Valley Sanitary District. A geotechnical study for replacement of approximately 1,100 linear feet of sewer pipeline within Kunkle Creek with 10-inch diameter high density polyethylene (HDPE) pipe between existing manholes using horizontal directional drilling (HDD) techniques. The site is located within a steep, narrow, drainage within cobble and boulder alluvial materials.</p> <p>Second Fuel Tank and Solar Canopy Support Structure, OVSD WWTP, Casitas Springs, California, Ojai Valley Sanitary District. Geotechnical study for an approximately 6,000-gallon metal fuel storage tank and a large canopy structure to support a new solar array spanning existing basins and filters.</p>

Client Information	Calleguas Municipal Water District
Client Project Manager	Ms. Susan Mulligan, General Manager
Address	2100 Olsen Road, Thousand Oaks CA 91360-6800
Telephone Number / Email Address	(805) 579-7115 / smulligan@calleguas.com
Types of Services	Geotechnical Engineering, Construction Support
OGI Staff	Ms. Lori Prentice, CEG / Mr. Craig Prentice, CEG / Dr. Tony Robinson, GE
Project Descriptions	<p>Toe of Dam Pump Station Distress Study, Lake Bard, Thousand Oaks, California, Calleguas Municipal Water District. Geotechnical study to evaluate the potential cause(s) of distress that has occurred at the pump station site since construction in the early to mid-1990's. The project included data review, subsurface exploration, and laboratory testing to develop opinions relative to the possible cause(s) of distress and provide recommendations for potential remediation alternatives.</p> <p>CMWD Wellfield No. 2, Emergency Generator Project (Client: Kennedy/Jenks Consultants, Mr. Jeff Savard). Geotechnical study for Emergency Generator Building including field exploration, laboratory testing, geotechnical analyses and report.</p>

Client Information	Las Virgenes Municipal Water District
Client Project Manager	Mr. David Lippman, Director, Facilities and Operations
Address	4232 Las Virgenes Road, Calabasas CA 91302-1994
Telephone Number / Email Address	(818) 251-2100 / dlippman@lvmwd.com
Types of Services	Geotechnical Engineering, Construction Support
OGI Staff	Ms. Lori Prentice / Mr. Craig Prentice
Project Descriptions	<p>OGI project: Tapia Wastewater Treatment Plant, RAS Pump Station Settlement Evaluation. OGI evaluated the apparent causes of the settlement for the 25-year old RAS Pump Station Addition. Currently OGI is performing quarterly survey monitoring of the pump station to evaluate if settlement is continuing. Data from the survey monitoring will be utilized by LVMWD to evaluate options including releveling the existing pump station using pressure grouting/mud jacking or replacement.</p> <p>5MG Backbone Tank, Westlake Reservoir. Mr. Craig Prentice managed and provided engineering geology characterization of the site including field mapping, backhoe test pits, and a seismic refraction study for a new 5MG partially-buried concrete reservoir near Westlake Reservoir. The project included a pipeline across the saddle dam of Westlake Reservoir. Mr. Prentice also provided geotechnical support to the project designer (AECOM) during the bid phase as well as construction monitoring of blasting activities to meet State of California, Division of Safety of Dams (DSOD) requirements. Reservoir construction will be completed in 2015. Project performed as employee of Fugro Consultants.</p>

4.0 HOURLY RATE SCHEDULE

Our current fee schedule for 2019 is attached. Our internal billing policy is for our staff to utilize the personnel rate applicable for the specific project component. For example, for field exploration, our staff typically utilize a staff or project geologist/engineer rate, analyses and reporting is typically performed by project and senior level staff. Principal level staff review final reports, contracts, and participate in client meetings at the District's request. We believe this provides the District with very competitive rates for geotechnical services for the life of the contract.

OAKRIDGE GEOSCIENCE, INC.
2019 FEE SCHEDULE

Classification	Hourly Rates (\$)
Staff Engineer/Geologist	105
Project Engineer/Geologist	125
Senior Engineer/Geologist	140
Principal Engineer/Geologist	160
Field Technician	
Prevailing Wage (PW)	110
Non-Prevailing Wage (non-PW)	90
Special Inspection (PW)	120
Technical Assistant	60
CADD/Illustrator	65
Overtime Rates for Field Technician	
Saturday and over 8 hours/day Weekdays (PW/non-PW)	140/115
Saturday over 8 hours, Sunday, and Holidays (PW/non-PW)	160/145
Expert Witness, Deposition, Legal Support	350

Laboratory Tests and Equipment	Rate (\$)
Moisture Content (ASTM 2216)	15
Moisture and Density (ASTM 2937)	20
Plastic and Liquid Limits (ASTM D4318)	160
Sieve Analyses through #200 (ASTM D6913)	160
Percent Passing #200 Sieve (ASTM D1140)	110
Hydrometer and Sieve (ASTM D422/C202)	180
Expansion Index (ASTM D4829)	265
Incremental Consolidation (ASTM D2435)	375
Direct Shear (ASTM D3080; Sand/Clay).....	350/465
Sand Equivalent (ASTM D2419)	160
Soil Chemistry for Corrosion (pH, Res, Cl, SO ₄)	210
Modified Proctor (ASTM D1557)	210
R-Value (ASTM D2844)	340
Concrete Compression (ASTM C39); per cylinder	35
Nuclear Gauge; per day	75

Laboratory Tests and Equipment – Caltrans Methods	Rate (\$)
Sieve Analysis, Coarse and Washed Fine Aggregate (CTM 202).....	280
Sieve Analyses through #200 (CTM33)	185
Sand Equivalent (CTM 217)	200
Soil Chemistry for Corrosion (Caltrans Method)	275
R-Value Aggregate Base (CTM 301)	375
R-Value Oversize Correction	60
Durability Index, Coarse (CTM 229)	190
Durability Index, Fine (CTM 229)	210
Laboratory Maximum Density (CTM 216)	195
Concrete Compression (ASTM C39); per cylinder	65

Reimbursable Expenses	Rate (\$)
Direct Project Expenses	Cost +10%
Authorized Travel Expenses	Cost +10%
Mileage	IRS Rate
Field Vehicle; per day	75
Generator; per day	100

Additional testing services available and can be quoted on a project-specific basis.
Rates revised annually on January 1 of each year.



April 3, 2019

Project No. 219-139

Casitas Municipal Water District
1055 Ventura Avenue
Oak View, California 93022

Attn: Julia Aranda, PE, Engineering Manager

**Subject: Qualifications for On-Call Geotechnical and Construction Materials Testing Services,
Casitas Municipal Water District, Ventura County, California**

Dear Ms. Aranda:

Yeh and Associates, Inc. is pleased to submit our Statement of Qualifications to provide as-needed geotechnical design or and construction services for the Casitas Municipal Water District (District). This proposal was prepared in response to Districts' Request for Qualifications (RFQ), received via electronic mail on March 20, 2019. Yeh is committed to providing Casitas Municipal Water District with the overall geotechnical services needed for the successful completion of this project.

This Submittal includes the following:

- Firm Background
- Key Personnel
- Relevant Project Experience
- Project Approach
- Standard Fee Schedule - 2019

We appreciate the opportunity to be of service. Please contact Loree Berry at 805-481-9590 x271 or lberry@yeh-eng.com if you have questions or require additional information.

Sincerely,

YEH AND ASSOCIATES, INC.

Loree A. Berry, PE 73221
Senior Project Manager

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ATTACHED RESUMES OF KEY PERSONNEL

- Loree Berry, Senior Project Manager (Yeh)
- Jonathan Blanchard, Principal Geotechnical Engineer (Yeh)
- Judd King, Senior Geotechnical Engineer (Yeh)
- Nick Simon, Staff Geologist (Yeh)
- Scott Moors, Principal Engineering Geologist (NV5)

STANDARD FEE SCHEDULES

- Yeh and Associates, Inc.
- NV5 West, Inc.



1. STATEMENT OF QUALIFICATIONS

1.1 INTRODUCTION TO YEH

Yeh and Associates, Inc. is a full-service geotechnical firm first established in Denver, Colorado in 1999. The building block of Yeh is providing specialized expertise in engineering geology and geotechnical services for transportation, infrastructure and public works projects. In January 2015, Yeh opened their first California office in Grover Beach. We are now pleased to announce the opening of our newest office in Ventura, California. Yeh has recruited a staff of senior managers to lead our experienced team of 12 professionals on projects throughout California. These staff have been working wastewater projects in Ventura County and throughout the California Coast for up to 25 years. The firm employs a total of about 160 professionals with vast experience in the fields of geotechnical engineering, geology, engineering geology, and construction management. Yeh's office and laboratory that will perform the geotechnical services for this project are located at the following address:



Hello! Welcome to Yeh.

YEH AND ASSOCIATES, INC.

56 E. Main Street, Suite 104, Ventura, California 93001

Attn. Loree Berry, PE

tel. 805-481-9590 x271

lberry@yeh-eng.com

2. PROJECT TEAM

Yeh will partner with NV5, as needed, for execution of construction materials testing services. Our team allows us to be available to meet the demands, needs and timelines of the project. The team can be readily expanded to draw from our broad engineering, geology, and construction experience depending on task order needs and schedule. The Yeh and NV5 team roles and responsibilities are described below.



2.1 YEH KEY PERSONNEL

Yeh proposes key personnel who are very experienced in providing geotechnical services for the design of water infrastructure and working with the Casitas Municipal Water District. Our key personnel committed to this project include Loree Berry, Jon Blanchard, Judd King, and Nick Simon from Yeh. This team has been working together since Yeh opened their office in Ventura and were responsible for successful preparation of the reports for the referenced projects and many other public work projects during that time.



Loree Berry, P.E.

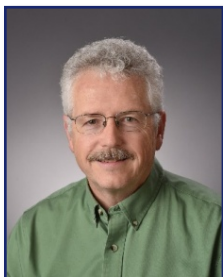
Role: Senior Project Manager and Engineer

Length of employment: April 2018 to present

Registrations: CA Civil Engineer C73221; Applied Project Manager Professional (APMP)

Education: B.S. Geological Engineering, University of Wisconsin

Loree is the newest senior professional added to our staff and manages our office in downtown Ventura and resides less than 1-mile from the Casitas Municipal Water District offices in Oak View. She brings more than 15 years of experience to the Yeh team providing geotechnical services for water/wastewater collection and distribution systems, water storage and treatment, roads and bridges, vertical projects, and flood control facilities in Ventura County. Her experience includes geotechnical evaluations and construction services for pipeline design, trenchless construction methods, earth retaining systems, foundation design, seismic and geohazard evaluations, seepage and slope stability analyses, and monitoring and instrumentation using applicable design requirements for the California Building Code and the AWWA. Her field duties have also included borehole and in-situ testing, geophysical studies, bedrock mapping, infiltration testing, and measurements and sampling from monitoring wells. She is proficient in permitting and compliance with local Ventura County Agencies including the City of Ventura, Caltrans, California Department of Fish and Wildlife, and the Los Angeles Water Quality Control Board. Loree is currently the geotechnical engineer for a water main replacement project with the District and is looking forward to starting a new task order for improvements to the Arbolada Lift Station.



Jonathan Blanchard, P.E., G.E.

Role: Contract Manager and Principal-in-Charge

Length of Employment: January 2015 to present

Registrations: CA Civil Engineer, C47071; CA Geotechnical Engineer, GE2312

Education: B.S. Civil Engineering - Clarkson University; M.S. Geotechnical Engineering - University of Massachusetts, Amherst

Jon will serve as principal-in-charge for geotechnical services. Jon brings 30 years of experience to the team having served as lead geotechnical engineer or project manager for the planning, design or construction of public works projects involving water and wastewater, County roads and bridges, pavements, retaining walls, flood control, public buildings, jails, slope instability and landslides. He has extensive experience working with oversight and reviewing agencies at Caltrans, FHWA, FEMA, the US Army Corps of Engineers, the California Geologic Survey, the California Division of Safety of Dams, the Division of the State Architect and the California Office

Statewide Planning, Health and Development. He managed the Caltrans 2017 Storm Damage projects in Santa Cruz County that involved storm damage at more than 50 locations on Highways 9, 27, 35, 129, 152 and 236. He has specialized experience in the design of the bridges and highway structures and has completed geotechnical services for the design of more than 100 bridges. He is currently managing projects for the Donner Pass Road Improvements in Nevada and Placer Counties under the FHWA Federal Lands Access Program, and for the Ash Creek Bridge Replacement project in Shasta County under the federal Highway Bridge Program.



Judd King, G.E.

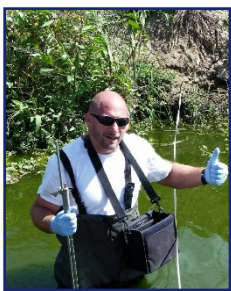
Role: Senior Geotechnical Engineer

Length of employment: August 2015 to present

Registrations: CA Civil Engineer C68257; NV Civil Engineer C23851; CA Geotechnical Engineer GE2903

Education: B.S. Civil Engineering, Cal Poly San Luis Obispo

Judd is a project manager and senior geotechnical engineer for Yeh with over 15 years of experience in the planning, design, and construction of public works projects. He has recently been the project engineer or managed geotechnical services for several water and wastewater facilities that have involved buried and above-grade tanks, prefabricated metal buildings for maintenance operations and material storage, force mains and collection systems for sewer collection and recycles water delivery, and the assessment of seismic data, geologic hazards and foundations in accordance with applicable California Building Code and AWWA requirements. He is experienced in evaluating sites underlain by soft ground and liquefiable soil conditions that commonly impact the design and construction of water and wastewater facilities. Judd is currently the geotechnical engineer for the Main West Tank Replacement in Paso Robles that will involve the design of a 4 million-gallon prestressed concrete tank in sloping terrain, a pump station and force main for the City of Morro Bay involving trenchless pipe installation below Highway 1 and environmentally sensitive areas. He is also managing geotechnical services for two federal lands projects in Nevada involving aggregate surfaced roads, drainage and flood control improvements, and a retaining wall in an area with sensitive prehistoric fossil bearing formations. Judd has also logged borings and participated in the instrumentation monitoring at the Ferguson Landslide in Mariposa County.



Nick Simon, G.I.T.

Role: Project Geologist leading Field Exploration and data collection activities

Length of Employment: June 2018 to present

Registrations: CA Geologist in Training; OSHA 40-hr HAZWOPPER, Caltrans Rope Access Trained

Education: B.S. Geological – University of California – Santa Barbara

Nick is a project geologist with over 12 years of experience in California and Hawaii performing geotechnical, environmental, and material testing inspection and professional services. He has extensive experience planning and executing geotechnical studies, logging geotechnical and geologic excavations and boreholes, field infiltration testing, geologic mapping, geotechnical laboratory testing, reporting, and construction phase services and inspections. He has overseen the installation of slope inclinometers, groundwater monitoring and sampling wells, and other similar geologic instrumentation. Nick has helped develop and has managed and maintained large networks of landslide dewatering facilities and instrumentation for the City of

Malibu as well as for sites in Camarillo and Calabasas. Nick is familiar with local agency permitting, environmental compliance and soil handling, subcontractor operations, and site restoration. Nick recently completed geologic work for a series of force main replacement projects for Casitas Municipal Water District and construction inspection services for a slope stabilization project in Camarillo. Nick is currently providing a geohazard evaluation for a new fire station in Thousand Oaks.

2.2 NV5 KEY PERSONNEL



Our team includes support from NV5 of Ventura, California, who will provide as-needed construction materials testing services for this contract as a subconsultant to Yeh and Associates.



D. Scott Moors, PG, CEG, CHg

Role: Principal Geologist overseeing Construction Materials Testing Services

Registrations: CA Professional Geologist PG#6100, CA Certified Engineering Geologist CEG#1901, Certified Hydrogeologist CHg#607

Education: B.S. Geological Sciences – University of California – Santa Barbara

Scott is a principal geologist with a 28-year, wide-ranging career dedicated to upholding the highest standards of technical quality and client service. He is an experienced, multi-disciplinary business and project manager with notable expertise in construction quality assurance, materials testing, seismic hazard evaluation, geotechnical review, landslide studies, groundwater studies, pavement evaluation, and environmental remediation. Mr. Moors a Vice President of NV5 West, Inc. and is in managerial charge of NV5’s Ventura and Bakersfield operations. Mr. Moors has overseen construction inspection & materials testing of multi-story buildings, over a dozen highway bridges, >1M tons of asphalt pavements and has presented short courses on Pavement Maintenance & Rehabilitation for APWA.

3. PROJECT EXPERIENCE

Table 1 presents a general portfolio of past and ongoing projects served from our California offices since opening in 2015 followed by a description of three projects that are specifically relevant to this project. Note that many of the water-wastewater projects we are working on involve above ground and buried tanks, replacement force main and gravity pipeline and trenchless construction methods.

TABLE 1: YEH PROJECT EXPERIENCE

Structures	Roads and Highways	Water – Wastewater	Geologic Hazards, Rockfall Mitigation, and Monitoring
Sir Francis Drake Boulevard (12 miles) and Schooner Creek Bridge Improvements, Point Reyes National Seashore, Marin County, CA Old 44 Drive Bridge Replacement at Oak Creek, Shasta County, CA	Muir Woods Road Reconstruction and Redwood Creek Bank Stabilization, Marin County, CA Del Rio Road – US101 Interchange, Templeton, CA	Airport Road Sewer Main Replacements and Upgrade, Paso Robles, CA Wastewater Headworks Screening, Cambria, CA South County Water Reclamation Plant Expansion, Oceano, CA	Reservoir No. 2 Slope Stabilization with anchored mesh, Camarillo, CA Marina Fire Rockfall Mitigation, SR395, Inyo County, CA Caltrans D5 2017 Emergency Storm Damage

Santa Lucia Road at Graves Creek Bridge Replacement, Atascadero, CA Via Avenue at Atascadero Creek Bridge Replacement, Atascadero, CA Foothill Road Bridge at Cuyama River, Santa Barbara County, CA Hollister Avenue Culvert Replacement, Walls and Widening, Goleta, CA Prado Road at San Luis Obispo Creek Improvements, San Luis Obispo, CA Highway 1 at Pfeiffer Gulch Bridge, Big Sur Coast, CA Highway 9, 4 sidehill viaducts, three soldier pile and tieback wall, and a Hilfiger Wall, Santa Cruz County, CA, Harbor Terrace Camp Ground and Commercial Use Facility, Avila, CA	Avila Beach Drive – US101 Interchange, San Luis Obispo, CA Norris Peak Road Realignment (1.5 miles), Black Hills National Forest, South Dakota Grays Well Road (4 miles) and Gecko Road (5.7 miles) Reconstruction Projects, Imperial Dunes Recreational Area, Imperial County, CA Martinez Lake Road Reconstruction (10.5 miles), Yuma County, AZ Sierra Vista Lane Reconstruction (3 miles), Carson City, NV Baker-Barry Tunnel Preservation Project, Golden Gate Recreation Area, CA Highway 1, Big Sur Coast Storm Damage and Landslide Repairs, San Simeon to Pfeiffer Burns SP, CA Highway 17, MP10.0 Slide Repair and Tieback Wall, Santa Cruz County, CA	Reservoir No. 2 Replacement, San Luis Obispo, CA Main West Tank Replace, Paso Robles, CA New Wastewater Treatment Plant and Sustainability Project, Cayucos, CA New Water Reclamation Facility, Morro Bay, CA Wastewater Treatment Plant Redundancy Project, Sandy Hook, New Jersey Jim May Park Biofilter, Santa Maria, CA Effluent Storage Reservoir, Laguna County Sanitation District, Orcutt, CA Waller Park Recycled Water Project, Santa Maria, CA Mid-Higuera Bypass Channel, San Luis Obispo, CA City of Paso Robles Recycled Water Pipeline and Reservoir Hall Canyon Storm Drain Improvements, Ventura, CA Casitas Municipal Water District Waterline Replacement Project, Ojai, CA	– Monterey County and Santa Cruz County, CA American River Rock Slope Stabilization, Folsom Dam Nob Hill Rockfall Barrier, San Diego, CA US34 (Big Thompson Canyon) Rock Slope Evaluation, Colorado Highway 120 Landslide Instrumentation and Monitoring, El Portal, CA North Valley Recycled Water Project, Levee Instrumentation, Modesto, CA
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Casitas Municipal Water District Waterline Replacements

CALLEGUAS MUNICIPAL WATER DISTRICT WATERLINE REPLACEMENTS
Completion Date:
 2018
Yeh Project Manager:
 Loree Berry
Key Personnel:
 Jon Blanchard
 Nick Simon

Owner: Casitas Municipal Water District
Client: Michael K. Nunley & Associates, Inc., eshields@mknassociates.us, 805-904-6530
Services: Planning and Permitting, Geotechnical Exploration, Laboratory Testing, Geotechnical Evaluations and Reporting

Yeh and Associates provided geotechnical services for the design of approximately 6,920 linear feet of new water line upgrades and replacements along six public streets within the City of Ojai, California. The replacement pipe will consist of 8-inch PVC constructed with open trench methods with approximately 3 to 5 feet of cover over the top of the pipe. Subsurface exploration was performed along El Paseo Road, Cuyama Road, Topa Topa Drive, San Antonio Street, Crestview Drive, and Oak Creek Lane to evaluate soil and groundwater conditions at select

locations along the proposed alignments and provide recommendations for design and construction of the project. Yeh’s services for the project included encroachment permitting with the City of Ojai, subsurface exploration with traffic control, laboratory testing, geotechnical evaluations and



preparation of a draft and final geotechnical report that provided recommendations for trench design and material specifications, thrust resistance, seismic data, and grading and compaction.



City of Paso Robles Recycled Water Pipeline and Reservoir, Paso Robles, CA

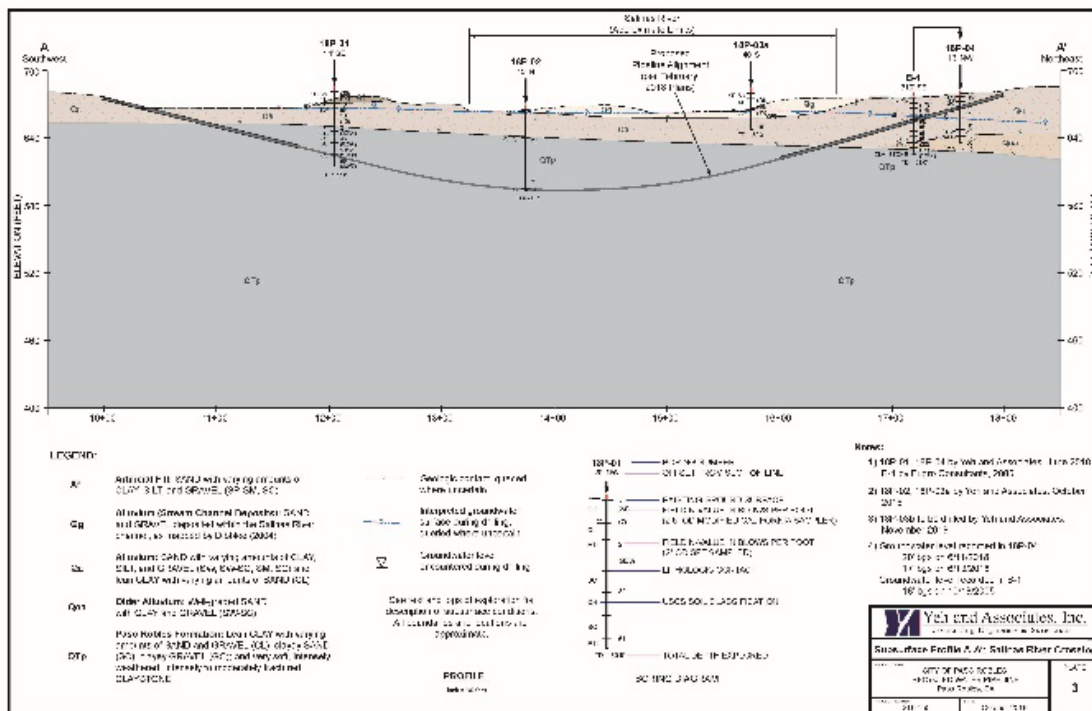
**CITY OF PASO ROBLES
 RECYCLED WATER PIPELINE
 AND RESERVIOR**
Completion Dates:
 Active
Yeh Project Manager:
 Judd King
Key Personnel:
 Loree Berry
 Jamie Cravens

Owner: City of Paso Robles
Client: City of Paso Robles c/o Carollo Engineers, Anne Prudhel
 aprudhel@carollo.com , Eric Casares, ecasares@carollo.com, 559-490-4361
Services: Planning and Permitting, Field Exploration (Drilling), Laboratory Testing,
 Geotechnical Evaluatuions and Reporting

Yeh and Associates is providing geotechnical services for the design of approximately 48,000 lineal feet of recycled water pipelines to deliver recycled water from the City of Paso Robles' recycled water plant currently under construction.



The pipeline will connect to a pump station at the City's Recycled Water Plant which is colocated with the water reclamation facility on Sulfur Springs Road. The pipelines will traverse below the Salinas River, HuerHuero Creek, and Highway 46 and throughout the eastern area of the City. The pipeline will serve existing water customers in the eastern area of the City of Paso Robles and will be used to off-set groundwater pumping that has lowered the aquifer in this area. A 1-million gallon reservoir will be constructed at the terminus of the pipeline. The pipelines will be installed via a combination of open trench, horizontal directional drilling and jack and bore methods. Design features include buried structures, pipeline trench excavation and backfill, jack and bore, horizontal directional drilling, and pavement.



Reservoir No. 2 Site Improvements, Camarillo, California

**CITY OF CAMARILLO
RESERVOIR NO. 2 SITE
IMPROVEMENTS**

Completion Dates:
2017-Active

Yeh Project Manager:
Jon Blanchard

Key Personnel:
John Duffy
Loree Berry
Nick Simon

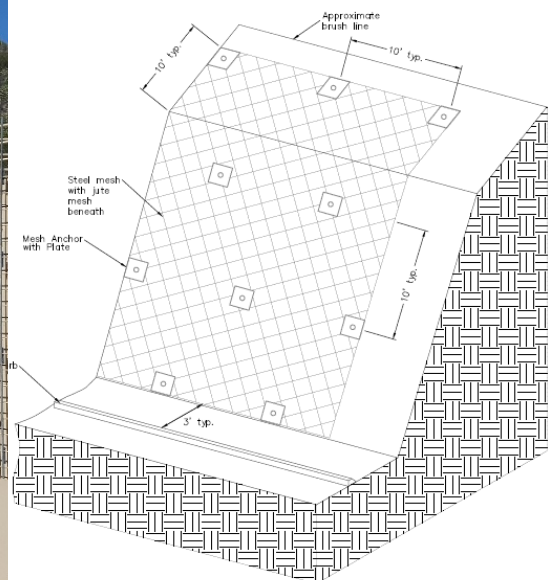
Owner: City of Camarillo

Client: City of Camarillo, Eric Maple for design: emaple@cityofcamarillo.org), Andrew Grubb for construction: agrubb@cityofcamarillo.org, 805-388-5340

Services: Planning and Permitting, Geotechnical Exploration, Laboratory Testing, Geotechnical Evaluations and Reporting, Plans and Specifications, Construction Inspection and Support Services

Yeh and Associates provided geotechnical design services and reporting and preparation of the bid-set plans and specifications for a slope stabilization project at Reservoir No. 2 in Camarillo, California. An existing 70-foot high, 1H:1V cut slope on the north side of the welded steel above-ground tank is comprised of the Las Posas Sand geologic formation and is susceptible to erosion, resulting in chronic maintenance

for the City following even minor rain events. The selected mitigation solution included the design of an anchored wire-woven mesh system to be installed on the existing slope. Jute matting and wire mesh are anchored to the slope by grouted soil nails installed on an approximately 10-foot by 10-foot grid pattern. Design services included field exploration with drilling and hand excavations, laboratory testing, slope stability evaluations, and preparation of a geotechnical report. Yeh and Associates also prepared the plans and specifications for City and are currently supporting the project by providing soil nail inspection services via rope access and helping to respond to Contractor Requests for Information and Submittals.

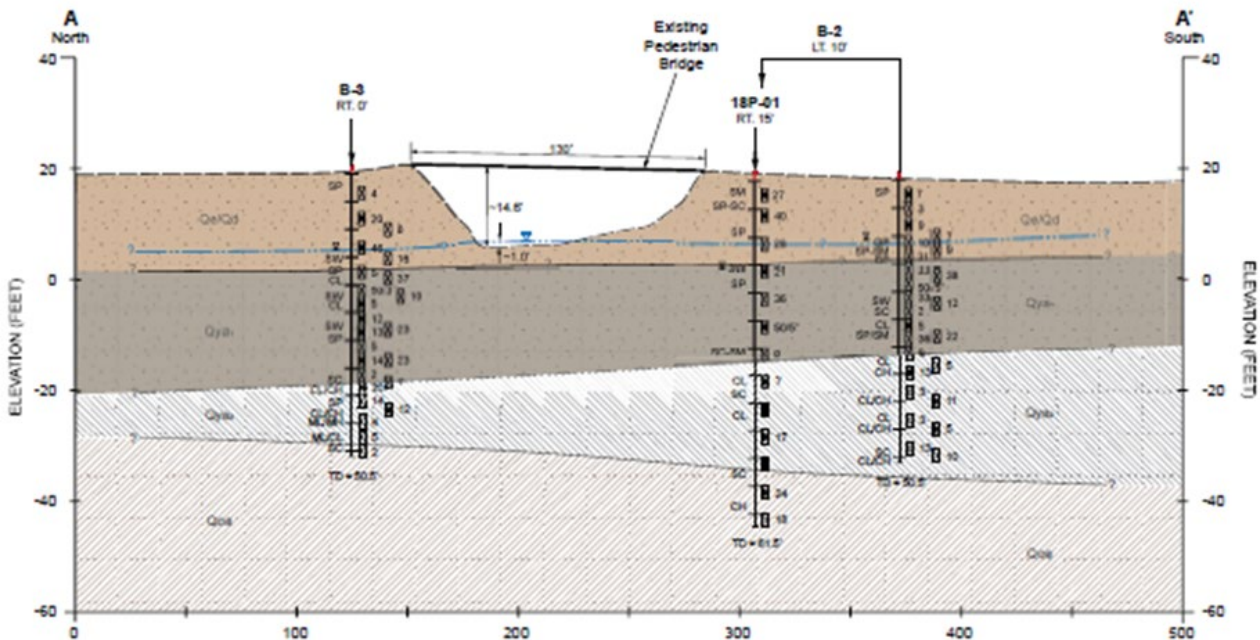


Morro Bay Water Reclamation Facility Lift Station and Pipeline

MORRO BAY WATER RECLAMATION FACILITY LIFT STATION AND PIPELINE
Completion Dates:
 Active
Yeh Project Manager:
 Judd King
Key Personnel:
 Jon Blanchard
 Jamie Cravens

Owner: City of Morro Bay
Client: City of Morro Bay c/o Water Works Engineers, Mike Fisher, mikef@wwengineers.com, 916-521-9200
Services: Planning and Permitting, Geotechnical Exploration, Laboratory Testing, Geotechnical Evaluations and Reporting

Yeh and Associates is providing geotechnical services for the design of a new lift station and pipelines to convey wastewater and treated water to and from the City of Morro Bay’s planned water reclamation facility east of the city. The new lift station will be designed to handle approximately 8 MGD and will pump wastewater over a distance of approximately 3 miles to the new treatment facility. Treated water will return via the same route, but in a different pipeline to either be discharged through the existing discharge pipe or injected in planned groundwater injection wells. The pipelines will be installed via a combination of open trench, horizontal directional drilling and jack and bore methods. Design features include buried structures, pipeline trench excavation and backfill, jack and bore, horizontal directional drilling, and pavement.



4. PROJECT UNDERSTANDING

Our services will consist of geotechnical design and construction support services including construction materials testing. The scope of work will vary depending on the needs of the District for a specific project and will be presented and finalized at the time that a request for proposal is requested.

Typical services performed under this contract may include the following:

- Field exploration including borings, CPT soundings, hand excavating, and/or backhoe test pits for geotechnical evaluation and project design;
- Geotechnical laboratory testing;
- Geotechnical evaluation and reporting for various design projects and may include: foundation design parameters, pipeline design, grading and trench design, trenchless design considerations, evaluation of existing soils for re-use, temporary excavations, subgrade stabilization, and materials specification;
- Evaluations of seismic setting, faulting, and geologic hazards including their impact to project design and long-term maintenance;
- Review, evaluation, and recommendations for slope stability and erosion in both a design and emergency response setting;
- Geotechnical review of construction grading and backfill, support to respond to Contractor request for information and material specifications; and
- Construction materials testing including grading and bottom excavation observations, fill placement and compaction testing, and special inspection services.



Professional Experience

Ms. Berry has more than 15 years of experience in providing geotechnical services in within the City of Camarillo and throughout Ventura County. She is proficient in characterizing site conditions, geologic hazards and geotechnical parameters for the design of water and wastewater projects, reservoirs, associated pipelines and other related infrastructure. Her experience includes geotechnical evaluations and construction services for foundations and earth retaining systems, seismic and geohazard evaluations, seepage and slope stability analyses, and monitoring and instrumentation.

She has expertise in all methods of field exploration and laboratory testing for geotechnical investigations including permitting and pre-field planning with local agencies and Caltrans. She has experience with hollow stem auger, mud rotary, and sonic drilling, backhoe trenching, cone penetration technology, well installation, and undisturbed sampling using thin-walled samplers. Her field experience also includes bedrock mapping, geophysical studies, borehole and in-situ testing, geoenvironmental services, infiltration testing, and measurements and sampling from monitoring wells.

Education

BS, Geological Engineering,
University of Wisconsin –
Madison, 2001

Registrations

- Registered Professional Civil Engineer: California No. 73221
- Applied Project Management Professional, APMP
- Ventura County Well Inspector

Professional Associations

- American Public Works Association – Ventura County Chapter, Treasurer (2018)
- American Society of Civil Engineers, Past Younger Member Forum Board Member (2005-2009)
- American Water Agencies of Ventura County
- California Geotechnical Engineering Association

Joined Yeh: 04/2018

Relevant Work History

Casitas Municipal Water District Waterline Replacements, City of Ojai, CA 2018

Project manager for a geotechnical investigation along five replacement segments of waterline throughout downtown Ojai. The project included the design of 7,000 linear feet of pressurized 8-inch PVC waterline. Geotechnical services included permitting, utility clearance, drilling and sampling, laboratory testing, engineering evaluations for pipeline design, thrust blocks, stabilization and backfill, and preparation of a draft and final geotechnical report.

Reservoir No. 2 Site Improvements, City of Camarillo, CA, 2018

Project manager during construction/installation of an anchored mesh soil stabilization system to mitigate a chronic erosion and maintenance issue along an existing 1H:1V cut slope north of Reservoir No. 2. The stabilization system consists of jute matting and steel wire mesh anchored to the slope using grouted soil nails on an approximately 10 foot by 10 foot grid. Yeh and Associates, Inc. designed the anchored mesh system, prepared plans and specifications, and is currently performing inspection services during installation.

Alamo Tank Replacement, City of Los Osos, CA, 2018

Ms. Berry worked with the project manager to prepare a geotechnical report for a new, above-grade, 34-foot diameter bolted or welded steel structure sited at the top of an approximately 40 feet slope above Alamo Drive. The project may include a new access road to the tank supported by a 20-foot retaining wall. The exploration program included hand-auger drilling and a seismic refraction survey. The geotechnical and geologic hazards report addressed slope stability, retaining wall and foundation design, and grading for the new access road.

Camarillo Wastewater Treatment Plant Flood Improvements, City of Camarillo, CA, 2017

Ms Berry was the project engineer and manager that prepared a preliminary geotechnical report to evaluate the geotechnical feasibility of several alternatives proposed to provide increased flood protection the the Plant. The work included



research and review of previous geotechnical data from the site and surrounding area, aerial photo review, a site visit and interview with the plant operation staff, and development a preliminary geotechnical report that summarized the work performed and provided advantages and disadvantages of each proposed flood protection alternative from a geotechnical standpoint.

Seaside Transfer Station Force Main Phase 1 – Arundel Barranca to Sanjon Road, City of Ventura, CA, 2017-2018

Ms. Berry was project engineer and manager for the geotechnical design of the Seaside Transfer Station Force Main between the Arundel Barranca to Sanjon Road. The project required permitting and traffic control during exploration, hollow stem auger drilling, laboratory testing, engineering analysis, and reporting services. Two temporary monitoring wells were permitted and installed to evaluate and monitor groundwater levels in the project area and were used to obtain water quality samples for use in obtaining discharge permits from the Waterboard. The HDPE sewer force main will be constructed using open trench methods, but will require subgrade stabilization and dewatering during construction. In 2010, Ms. Berry provided geotechnical services for the City of Ventura for a short segment of the same force main that was constructed via jack and bore below the Arundel Barranca.

City of Ventura Sewerline Rehabilitation/Replacement Projects: Olivas Park Drive (2015), Loma Vista Road (2016), Coronado Street (2017), and Peking Street (2018), City of Ventura, CA

Ms. Berry was the project engineer and manager providing geotechnical services to the City of Ventura four different gravity sewerline rehabilitation/replacement projects between 2015 to 2018: Olivas Park Drive, Loma Vista Road, Coronado Street, and Peking Street. The alignments ranged from 1,800 to 4,500 linear feet with invert elevations up to 20 feet below grade. Two of the projects traversed congested streets within downtown and mid-town Ventura. Geotechnical services included encroachment permitting, subsurface exploration, laboratory testing, and preparing a geotechnical report for design and construction of the projects. The Peking street project encountered contaminated soils and Ms. Berry supported the City to collect field data to aid the Contractor with impacted soil handling and disposal.

Hueneme Road Recycled Water Pipeline, Phase 2, Segment A, City of Oxnard, CA, 2014-2015

Project engineer and manager for the design and construction of a 16,000-linear-foot segment of recycled water pipeline in Ventura County. The project consisted of geotechnical exploration with hollow stem drilling, cone penetrometer testing, laboratory testing, engineering analysis, and reporting services for both cut-and-cover and trenchless technology installation methods. The 30-inch-diameter HDPE recycled water pipeline will require subgrade stabilization and dewatering during construction.

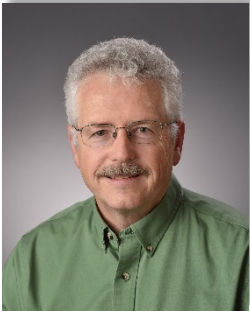
Employment History

Yeh and Associates, Ventura, CA, April 2018-Present: Senior Project Manager for public works and infrastructure projects within Southern California.

Fugro USA Land, Inc., Ventura, CA, 2008-2018: Associate Engineer for public works and infrastructure projects throughout Southern California.

Gorian and Associates, Inc., Thousand Oaks, CA, 2003-2008: Staff Engineer for land development and K-12 school projects throughout Southern California.

G2 Consulting Group, Wheeling, IL, 2001-2003: Staff Engineer for land development projects and communication tower design and construction within Midwest Region.



Education

MS, Civil Engineering,
University of
Massachusetts, 1989

BS, Civil and
Environmental
Engineering, Clarkson
University, 1985

Registrations

Registered Civil Engineer,
CE47071, California,
1991

Registered Geotechnical
Engineer, GE 2312,
California, 1995

Professional Affiliations

American Society of Civil
Engineers, Past
President, Santa Barbara-
Ventura Branch

American Public Works
Association

American Council of
Engineering Companies,
Past-President, Secretary
San Luis Chapter

Joined Yeh: 1/2015

Professional Experience

Jon has been managing professional services for the planning, design and construction of pipeline projects since 1989. Jon is the regional manager for Yeh's California operations. He is experienced in providing geotechnical services for preliminary engineering studies to site and route pipelines, evaluate vulnerability of existing and proposed pipelines to seismic and landslide hazards, and the design of pipelines, pump stations, treatment facilities and reservoirs. He has provided geotechnical services for nearly every wastewater treatment and water reclamation plant on Central Coast, and has routinely performed geotechnical evaluations for use with building code and American Water Works Associations (AWWA) design standards.

Relevant Work History

Los Osos Wastewater Project, San Luis Obispo County, California, 2013

Jon was the geotechnical engineer for the project for more 20 years that included performing various geotechnical studies for the design and construction of the new treatment plant, over 40-miles of collection system, an 8-mile force main to deliver sewage and treated effluent to and from the community to the treatment plant, 7 primary pump stations and 18 pocket pump stations. The project included trenchless installation in sandy soils below groundwater to reduce impacts to wetland areas, and miles of pipe installation in areas of shallow groundwater. (2013)

Tank Farm Road Sewer and Lift Station Improvements, San Luis Obispo, California, 2010

Geotechnical engineer for the design and construction of 3 miles of new force and gravity sewer to a new lift station that extended to 30 feet below the ground surface. Gravity segments to the pump station has trench depths up to 20 feet and extended below water. The pipe was constructed using trenchless installation below two crossings of Acacia Creek, San Luis Obispo Creek (east), and Orcutt Creek. (2010)

Waller Park Recycled Water Project, Santa Maria, California, 2018

Geotechnical engineer and project manager for the design of over 2 miles of pipeline to bring recycled water to Waller Park in Santa Maria. The project involved coordination with County Parks, the Airport District and the City. The recycled water line will be a 12-inch pressurized PVC pipe leading to a new 1-million-gallon tank at the park. The project also involves the trenchless installation of the pipe below Skyway Drive and evaluating an alternative to install about 1,000 feet below the airport using horizontal drilling.

Water Reuse Project, San Luis Obispo, California, 2006

Geotechnical engineer for the design and construction of approximately 7 miles of new reclaimed water pipeline, trenchless crossings of various creeks and roadways including Highway 101, and treatment plant modifications including a below ground reclaimed water storage reservoir and chlorine contact basins. The pipe 12- to 20-inch ductile iron pipe with trench depths up to 10 feet deep that encountered rock, soft subgrade and groundwater. The reservoir extended to approximately 30 feet in depth was constructed as part of this project. Jon served as an expert for the City that included trial testimony that successfully defeated a claim by the contractor alleging changed conditions and contract related delays.



Education

BS Civil Engineering, Cal Poly State University, San Luis Obispo, CA, 2001

Registrations

Registered Civil Engineer, CE 68257, California
23851, Nevada;
18170, Hawaii
Registered Geotechnical Engineer, GE 2903, California

Professional

Affiliations

American Society of Civil Engineers

CalGeo, Past Board of Directors

American Public Works Association

Publications

"Reducing Static Settlement Potential Using Prefabricated Wick Drains – a Case History." *Seventh International Conference on Case Studies, Geotechnical Engineering, Chicago, Illinois*, April 29-May 4, 2013

Joined Yeh: 7/2015

Professional Experience

Judd is experienced in the planning, design and construction of water, wastewater and water reuse projects. He has served as lead geotechnical engineer for several pipelines and treatment facilities. He is familiar with shoring, dewatering, foundation support, excavations adjacent to existing structures, and other geotechnical aspects commonly encountered at existing facilities. Judd has specialized expertise in soft ground, mitigation of liquefaction, mechanically stabilized earth walls, reinforced soil slopes, ground improvement, tunneling, rock coring, and local projects ranging from land development to public works and infrastructure. He has 17 years of experience in the planning, design and construction of public works and has been the geotechnical engineer for projects throughout the central coast region.

Relevant Work History

Mr. King managed or was the geotechnical engineer on the following projects:

Paso Robles Recycled Water Pipeline, Paso Robles, California

Judd is managing the geotechnical investigation for this project that will convey recycled water from the City's Water Reclamation Facility to water users in the eastern portion of the City. The approximate 5 mile route will include crossings of the Salinas River, Huerhuero Creek and Highway 46. A welded-steel water reservoir will also be constructed near the end of the pipeline to serve nearby users. (Active)

Morro Bay Lift Station and Pipelines, Morro Bay, California

Judd is the project manager and senior geotechnical engineer for the for the design phase of planned lift station and approximately 3 miles of new pipeline that will convey raw wastewater to a new reclamation facility the return pipelines that will transport treated water to an existing ocean outfall. Judd managed the preparation of a preliminary geotechnical report that assessed multiple pipeline routes, creek crossings using trenchless technologies, and assessed constructability issues for the new lift station and pipelines. (Active)

Calle Joaquin Lift Station Replacement, San Luis Obispo, California

Mr. King served as the project's geotechnical engineer and manager for the design of a new sewer lift station and force main on Calle Joaquin in San Luis Obispo while with a previous organization. The project involves the construction of a new lift station on Calle Joaquin that will connect to an existing manhole on the east side of San Luis Obispo Creek. Installation of an approximately 800 foot long sewer siphon will be constructed under San Luis Obispo Creek and Highway 101 using open-trench excavation and micro-tunneling. Considerations to address soft ground, dewatering, and characterization of soils along the siphon were addressed in the geotechnical report. (2013)

Employment History

Yeh and Associates, Grover Beach, CA, 2015-Present: Sr. Geotechnical Engineer.

Earth Systems Pacific, San Luis Obispo, CA, 2004-2015: Senior Engineer

Youngdahl Consulting, Inc. El Dorado Hills, CA, 2002-2004: Staff Engineer

Blackburn Consulting, Inc., West Sacramento, CA, 2001-2002: Staff Engineer



Professional Experience

A recent addition to Yeh and Associates, Nick has extensive experience in geotechnical and environmental field work, laboratory testing, and report writing. His duties have included geotechnical, geological, and environmental exploration, drilling/coring and sampling, boring log creation (using Gint), inclinometer installation/monitoring and interpretation, construction monitoring, monitoring and maintenance of landslide instrumentation and dewatering facilities, field percolation testing, compaction testing, implementation of environmental soil sampling plans (including for low level VOC's), low-flow groundwater sampling, soil gas sampling, installation and development of monitoring wells and soil vapor monitors, and slug and drawdown testing. His laboratory experience includes, triaxial compression (UU and CU), hydraulic conductivity, direct shear, consolidation and index testing.

Education

University of California, Santa Barbara, Santa Barbara, CA; BS Geological Sciences, 1997
De Anza Junior College, Cupertino, CA; Associate-Liberal Arts, 1995

Certifications

- Geologist in Training #687
- OSHA 40 HR HAZWOPR
- Nuclear Density Gauge Certified

Joined Yeh

6/2018

Relevant Work History

Yeh and Associates, Ventura, CA 2018

Project Geologist. To support Yeh and Associates' expansion into the Southern California area, Nick is currently tasked with establishing a new geotechnical soils testing laboratory at our Ventura office location that will support future design projects. Nick is the primary professional staff in Ventura is in charge of coordinating, managing, and performing field exploration and construction support services. His work also includes performing laboratory testing, geologic and engineering evaluations and interpretations, drafting, and report preparation. Nick prepares cost proposals and supports business development efforts. He recently completed Caltrans rope access training for high angle access on geologic features and looks forward to implementing that training on future projects.

Tank Farm Road and Orcutt Road Roundabout (2018). Yeh and Associates was retained by Omni Means to provide geotechnical recommendations for the design of a new roundabout at the intersection of Tank Farm Road and Orcutt Road in San Luis Obispo, California. As project geologist, Nick performed QA/QC review of field and laboratory data, compiled graphics, and prepared a draft report for the project.

Staff Geologist/Laboratory Supervisor, Fugro, Ventura, CA 5/2014 – 6/2018

Laboratory Supervisor: Execute and report geotechnical laboratory requests for design and construction related projects throughout the Western extents of Fugro as well as regional contract testing. In the last year, the Ventura location has led efforts to successfully combine three geotechnical laboratories from California and set up and run basic and complex geotechnical design tests for all of the West Coast offices, while maintaining laboratory test results for local construction materials projects. Part of this role includes training and supervising staff as well as tracking financials and billing.

Landslide Monitoring, City of Malibu, CA

Manage, Maintain, and Repair landslide dewatering facilities at three landslide assessment districts in the City of Malibu as well as manage an NPDES permit at Big Rock Mesa Landslide Assessment District. Perform groundwater level readings, dewatering rate data management, and slope inclinometer monitoring. Duties included coordination and basic maintenance, surveying and analyzing data for 46 slope inclinometers and 90 piezometers, inspecting and maintaining 53 dewatering wells and 77 horizontal drains, executing capital improvement projects, preparing quarterly



and annual reports, presenting annual results to the Public Works Commission, and preparing annual budgets.

Landslide Monitoring, Las Virgenes Municipal Water District, Calabasas, CA

Responsible for slope inclinometer and vibrating wire piezometer installation, operation and maintenance, data acquisition and processing of an active landslide.

Bradley Road Landslide, Capital Agricultural Management, Somis, CA

Performed logging and sample collection during continuous coring operations for investigation of active landslide. Installed and monitored two slope inclinometers.

New Cuyama Fire Station Geotechnical Exploration, Santa Barbara County, New Cuyama, CA

Performed field coordination, logging and sample collection during continuous coring operations for geotechnical investigation for a building design with hydrocollapse hazard.

JWPCP Effluent Outfall Tunnel Project, Sanitation Districts of Los Angeles County, CA

Monitored exploratory drilling operations for the final design of the 18-ft diameter, 8-mile long effluent outfall tunnel project. The project is part of a \$10 million dollar multi-year contract with Sanitation Districts of Los Angeles County. Participated in an extensive field exploration program including drilling in soil and rock, multiple in-situ testing methods, and surface geophysical surveys.

Mission Well Field and Van Norman Complex Geologic and Groundwater Exploration Services, Los Angeles Dept of Water and Power, Sylmar, CA

Assisted with coordination and oversight of three separate aquifer tests. Working with others on a team to ensure proper operation of pressure transducers by comparison with manual water level measurements, verified data integrity, provided backup data sets, and completed the work without any data loss.

Santa Paula Wastewater Recycling Facility, PERC Water, Ventura County, CA

Managed field work and reporting for groundwater quality and groundwater level monitoring project. Performed quarterly environmental groundwater sampling and water level monitoring in an area surrounding facility wastewater discharge ponds.

Staff Geologist, Sierra Testing Laboratories, Inc., El Dorado Hills, CA 1996-1997, 2009-2012

Geologist, Parsons, Honolulu, Oahu HI, 2007-2008

Hydrologic Technician, U.S. Geological Survey, Kahului, Maui HI, 2004-2005

Geophysical Assistant, Parsons Infrastructure and Technology, Kaho'olawe Island HI, 3/00-10/00 and 7/02-8/03

Staff Geologist, Masa Fujioka & Associates, Inc. Honolulu, Oahu HI, 10/00-7/02

Surveyor, Institute for Crustal Studies, Santa Barbara CA, 1994-1996

Intern, Reservoir Engineering, Mineral Management Services, Pacific OCS Region, Carpinteria CA, 1995-1996

D. SCOTT MOORS, PG, CEG, CHg

Vice President – NV5 West, Inc. / Principal Geologist

Twenty-eight year, wide-ranging career dedicated to upholding the highest standards of technical quality and client service. Experienced, multi-disciplinary business and project manager with notable expertise in geotechnical engineering, construction quality assurance, materials testing, seismic hazard evaluation, geotechnical review, landslide studies, groundwater studies, pavement evaluation, and environmental remediation. Veteran public speaker at proposal presentations, association meetings, agency hearings, & litigation testimony.

Mr. Moors a Vice President of NV5 West, Inc. and is in managerial charge of NV5's Ventura and Bakersfield operations. In addition to Mr. Moors' management expertise he has twenty-five years' of technical expertise in municipal consulting, project management, and engineering and environmental geology.

Mr. Moors has overseen construction inspection & materials testing of multi-story buildings, over a dozen highway bridges, >1M tons of asphalt pavements and has presented short courses on Pavement Maintenance & Rehabilitation for APWA.

Experience Summary

PUBLIC INFRASTRUCTURE CONSTRUCTION PROJECTS:

Principal-in-Charge of construction inspection and construction materials engineering and testing contracts for hundreds of road, highway, bridge, waterworks, energy, and utility construction projects for virtually every local public works agency in Ventura, Santa Barbara, Los Angeles, and Kern counties. Combined construction value exceeds \$1B.

PAVEMENT REHABILITATION PROJECTS:

Principal-in-Charge of design, construction inspection, and materials testing contracts for hundreds of pavement rehabilitation projects including over 1M tn of HMA, 1M SY slurry/micro, Cold In-Place Recycling, Cold Plant Recycling, Cape Seal, TMO, ARAM, ARHM Overlay, Full-Depth Reclamation, Warm Mix HMA and virtually every pavement rehab technique.

GEOTECHNICAL PROJECTS:

Principal-in-Charge and principal investigator on hundreds of geotechnical studies for landslides (Big Rock Mesa, Portuguese Bend, ++), earthquake faults (Simi-Santa Rosa, Springville, Malibu Coast, Mission Ridge, Hollywood), <12 Caltrans freeway bridges, foundations studies, groundwater studies, municipal report review, emergency response.

HIGHER EDUCATION / COMMUNITY COLLEGE CONSTRUCTION PROJECTS:

Principal-in-Charge of construction inspection and testing contracts for UCSB, CSUCI, Los Angeles Community College District, and Ventura County Community College District for numerous projects totaling over \$500M in construction value.

NV5 WEST, INC. | CQA

Ventura, CA

805.656.6074

CATEGORIES

Geotechnical
Materials Testing
Pavement Evaluation
Construction Inspection
Forensics

EDUCATION

B.S., Geological Sciences, UCSB,
CA

EXPERIENCE

28 years

REGISTRATIONS

Professional Geologist #6100
Certified Engineering Geologist
#1901
Certified Hydrogeologist #607

AFFILIATIONS

American Concrete Institute
American Society of Civil
Engineers
Association of Environmental &
Engineering Geologists
American Public Works
Association
California Asphalt Pavement
Association
California Council of Testing and
Inspection Agencies

PERMEABLE PAVEMENT PROJECTS:

Principal-in-Charge of construction inspection and construction materials testing contracts for numerous permeable pavement projects including permeable pavers, cast-in-place permeable concrete, precast permeable concrete panels, and permeable asphalt pavements.

DSA K-12 SCHOOL CONSTRUCTION PROJECTS:

Principal-in-Charge of construction inspection and construction materials engineering and testing contracts for hundreds of projects for over two dozen school districts including Los Angeles Unified School District and virtually every school district in Ventura and Santa Barbara counties. Combined construction value exceeds \$800M.

Project Experience

MUNICIPAL GEOTECHNICAL REVIEWER – 12 CITIES

MUNICIPAL REVIEW | 12+ CITIES AND COUNTIES – SO. CAL.

Principal Geologist – Geotechnical Reviewer for cities of Simi Valley, Malibu, Santa Monica, Agoura Hills, Moorpark, Santa Clarita, Calabasas, Oxnard, Hidden Hills, Thousand Oaks, Ventura County, Santa Barbara County. Authored Geotechnical Review Guidelines for multiple cities.

RIVERPARK GEOTECHNICAL & SMARA REVIEWER

GEOTECHNICAL - MUNICIPAL REVIEW | OXNARD, CA

Project Manager – Lead technical reviewer of the geotechnical reports and SMARA Reclamation for the Riverpark development in Oxnard, California. 2002 - present

MITCHELL ROAD INTERCHANGE IMPROVEMENTS

GEOTECHNICAL | CERES, CA

Project Manager – Planned and managed geotechnical studies for locally funded, Caltrans-oversight interchange improvements on SR 99. Project included replacement of Service Rd Overcrossing on SR 99 with innovative diverging diamond interchange. Geotechnical investigations included 60 borings and CPTs for 6 bridges and 5,000 LF retaining walls.

MORRO BAY WASTEWATER TREATMENT PLANT

CONCRETE EVALUATION | PASADENA, CA

Project Principal / Project Manager for non-destructive field testing and sampling concrete from various elements of the plant. Field testing included Ground Penetrating Radar, Schmidt Hammer testing, and chipping hammer survey. Lab testing included compression testing and petrographic examination per ASTM C856.

SYCAMORE CYN DAM MODIFICATION

GEOTECHNICAL - EARTH FILL DAM | SIMI VALLEY, CA

Project Manager and Principal Geologist for geotechnical evaluation of proposed spillway modifications. Also evaluated ASR-affected concrete through petrographic examination.

BIG TIJUNGA DAM ABUTMENT STABILITY EVALUATION

GEOTECHNICAL – CONCRETE DAM | LOS ANGELES COUNTY, CA

Project Manager and Principal Geologist for rock-slope stability evaluation of the left abutment of California's 7th largest concrete-arch dam. Provided detailed geologic assessment using rope-access mapping techniques and probabilistic static and seismic slope stability evaluations.

WOOLEY DRAIN CRACK SEAL EVALUATION

CONCRETE EVALUATION | OXNARD, CA

Project Principal / Project Manager for forensic investigation to quantify the extent of penetration of pressurized crack seal injection previously completed by contractor. Field sampling included sampling concrete cores in confined space entry conditions. Laboratory analysis included stereo microscopic examination of bisected core samples to determine the percentage of sealant penetration.

ROSE BOWL CONCRETE EVALUATION & RENOVATION

CONCRETE EVALUATION | PASADENA, CA

Project Principal – Project Manager and Project Principal for multi-faceted sampling and evaluation of concrete structural elements for renovation of the Rosa Bowl stadium in Pasadena. Mr. Moors scoped, planned and oversaw execution of concrete core sampling and testing and in a subsequent phase renovation design and preparation of plans and specifications for concrete rehabilitation work in the historic Rose Bowl Stadium. 2008 - 2011

WESTSIDE PARKWAY FREEWAY CONSTRUCTION

CONSTRUCTION MATERIALS TESTING | BAKERSFIELD, CA

Project Manager for Construction Materials Engineering and Testing services for the \$125M Westside Parkway freeway construction project. Construction included 6.4-miles of Jointed Plain Concrete Pavement (~37 lane miles), ten bridges including two bridges over the Kern River, 6 full interchanges, sound walls and numerous appurtenant structures and facilities. All testing was performed in conformance with Caltrans requirements. Turn-around time for production testing reports averaged 24 hours. Provided management and technical oversight of all materials testing and inspections work.

STANDARD FEE SCHEDULE

EFFECTIVE JANUARY 2019

Professional Services:

<u>Classification</u>	<u>Basic Rate</u>
Principal.....	\$185/hr
Senior Project Manager	\$170/hr
Senior Project Specialist.....	\$175/hr
Project Manager	\$155/hr
Senior Project Engineer or Geologist	\$140/hr
Project Engineer or Geologist	\$110/hr
Staff Engineer or Geologist	\$90/hr
Engineer or Geologist Intern.....	\$60/hr
Resident Construction Engineer	\$160/hr
Construction Manager	\$140/hr
Construction Observer 3	\$115/hr
Construction Observer 2	\$105/hr
Construction Observer 1	\$95/hr
Technician Leader or Supervisor	\$115/hr
Laboratory Supervisor.....	\$95/hr
Technician 3	\$85/hr
Technician 2	\$70/hr
Technician 1	\$55/hr
CAD Designer	\$120/hr
CAD Technician.....	\$75/hr
Administrative Assistant	\$70/hr

**Overtime rates for Construction Inspection, Technicians and Office Staff is 1.5 x rates shown.
Rates do not include prevailing wage rates for field services. Prevailing wages will be determined on a project-by-project basis.
Laboratory tests are quoted on separate schedule or cost plus 10 percent for outside laboratory testing when applicable.
Fees for expert witness preparation, testimony, court appearances, or depositions will be billed at the rate of \$350 per hour.

Other Direct Charges:

Subcontracted services, copying and rented equipment	Cost Plus 10%
Travel, subsistence, and expenses	Cost Plus 10%
Vehicle.....	\$ 80/day
Automobile Mileage.....	\$ 0.55/mile

2018 GEOTECHNICAL / MATERIAL TESTING FEE SCHEDULE

GENERAL CONDITIONS

Testing Samples - An hourly preparation charge will be added to all samples submitted that are not ready for testing.

Turn-Around-Time - Standard TAT indicated in superscript.
RUSH: 50% surcharge. Sample prioritized over other samples in que.
PRIORITY: 100% surcharge: Completed as fast as possible per method. See notes regarding TAT at bottom of page 3.

Project Setup - A \$165 fee applies for setup and administration of On-Call agreements and contracts less than \$3,000.

Scheduling - A minimum of 24-hour notice is required to schedule personnel (48-hour for DSA projects). For same-day scheduling, a 50% premium applies. Same-day cancellations will incur a 2-hour charge for technicians or a 4-hour charge for inspectors.

Minimum Charges – Special Inspections: A minimum charge of 4 hours applies to inspection call-out between 0 and 4 hours. Eight (8) hours will be charged for work performed over 4 hours up to 8 hours.

Technicians: Minimum charge of 2 hours applies to technician call-out between 0 and 2 hours. Additional time charged in 2-hour increments.

Travel - Hourly travel is charged portal-to-portal for technicians. Travel charges are normally waived for special inspectors within 25 miles of our laboratory. Mileage/Trip Charges charged at rates listed below.

Per Diem - Per diem will be charged at 1.15 times the Federal (GSA) rate for all out-of-town assignments unless otherwise arranged.

Equipment - NV5 maintains a comprehensive inventory of calibrated field testing equipment. Daily equipment charges apply.

Overtime Rates - Rates are based on an 8-hour workday between the hours of 7:00 a.m. and 4:00 p.m., Monday through Friday. Work outside

of these hours or in excess of 8 hours in one day or over 40 hours in one week will be charged at 1.5 times the listed rates. Work over 12 hours in one day or work on holidays will be charged at 2.0 times quoted rates.

Holidays - New Year’s Day, Memorial Day, Independence Day, Labor Day, Veteran’s Day, Thanksgiving Day and the following Friday, and Christmas Day. For holidays falling on Saturday or Sunday, the closest previous or following regular workday will be observed.

Project Management & Report Distribution - All assignments are under the supervision of a Registered Professional Engineer. Engineering time of 0.1 hour per inspection day or ½-hour/week (min) will be included for scheduling, report review, and data evaluation. Up to 2 hard copies of reports are provided at no additional charge. Additional hard copies will be billed at \$2 per report.

Outside Services / Drillers-CPT / Subcontractors - Cost plus 15%.

Prevailing Wage - Client shall notify NV5, in writing, of any requirement for payment of California Prevailing Wage or other predetermined wage condition. Client agrees to indemnify NV5 against all costs related Client’s failure to notify NV5 of predetermined wage requirements.

Sample Disposition - Unless previously arranged, all samples will be disposed of upon completion of testing. Any samples suspected of contamination will be returned to Client. If requested, retained samples may be archived for a specified period for an agreed monthly fee.

Certified Payroll - A \$45 per week, per project processing fee for Certified Payroll will be assessed on Prevailing Wage Projects.

Escalation - Listed rates are subject to annual escalation consistent with the Consumer Price Index (www.bls.gov). Prevailing Wage labor rates will be adjusted in accordance with DIR mandated increases plus 50%. (http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm)

I. PROFESSIONAL, TECHNICAL, & SUPPORT STAFF

(Hourly rates unless otherwise indicated. Charges are portal-to portal from/to NV5’s lab)

A. Professional Staff		<u>Standard</u>
Principal Engineer/Geologist/Consultant		\$190
Senior Engineer/Geologist/Consultant (PE, CEG)		\$165
Project Engineer/Geologist/Consultant		\$145
Sr. Staff Engineer/Geologist/Consultant		\$125
Staff Engineer/Geologist/Consultant		\$105
Project Manager		\$120
B. Technical Staff		<u>Prevailing Wage</u> <u>Standard</u>
Special (Deputy) Inspector	\$108	\$88
<i>(Concrete, P/T Concrete, Masonry, Structural Steel, Fireproofing, Pile Driving)</i>		
Public Works Inspector	\$114	\$98
Roofing/Waterproofing Inspector	\$108	\$94
Concrete/Asphalt Batch Plant Inspection	\$108	\$90
Technician* (Soil/Asphalt/Special Testing)	\$110	\$90
Nondestructive Exam/Testing (UT/Mag Part./Dye Pen.)	\$110	\$92
C. Public Works/DSA/OSPHD Inspection		<u>Prevailing Wage / Standard</u>
Project Inspector / IOR, DSA Class I		\$115
Project Inspector / IOR, DSA Class II/III		\$100
DSA Masonry / Shotcrete Inspection	\$108	\$92
DSA 5 SI (Inspector Qualifications)		\$75 ea.
Special Inspection Verified Report (SIVR/VR)		\$225 (min.) ea.
Laboratory / Geotech. Verified Rpt (DSA 291/293 – Test Only)		\$395 (min.) ea.
Combined Lab Verified Report (DSA 291 – Tests & Inspections)		\$545 (min.) ea.
D. Sample Pickup, Delivery, Storage & Mileage		<u>Standard</u>
Sample Pickup/Delivery (>25mi. radius of Lab) – plus applicable unit price		\$62/hr
Saturday Pickup (hourly, 4 hr minimum, plus mileage)		\$93/hr
Mileage – Field Vehicle (\$30/day minimum charge)		\$0.65/mi
Mileage – Coring Truck		\$0.75/mi
Vehicle – Field Truck		\$55/day
Trip Charge (within 25 radius of Lab; if >25 mi. hourly + mileage)		\$35/trip
Sample Storage (per box)		\$25/Mo

E. Support Staff & Special Services	<u>Prevailing Wage</u>	<u>Standard</u>
Laboratory Technician		\$120/hr
File Search, Reissue of Report		\$45/hr (min.)
Certified Payroll Admin. (0.5 hr min./wk)		\$70/hr
Court Appearance and Depositions (4 hr min)		\$295/hr
Drafting/CADD		\$70/hr
Clerical		\$60/hr

II. MATERIALS AND EQUIPMENT

A. Equipment	<u>Rate</u>
1. Air Meter (Concrete)	\$45/dy
2. Calibrated Ram (Pull test)	\$95/dy
3. Ceiling Wire Dead-Weight Equip.	\$160/dy
4. Coating Thickness Gauge	\$45/dy
5. Concrete Relative Humidity Meter	\$265/dy
6. Concrete Slab Moisture Emission Kit / RH Probe	\$55/ea
7. Floor Flatness (plus labor – 4hr min)	\$575/dy
8. Durometer Gauge (Shore A/D)	\$45/dy
9. Hardness Gauge (Brinell, Rockwell)	\$85/dy
10. Generator	\$70/dy
11. Ground Penetrating Radar (GPR) – (plus labor – 4 hr min)	\$400/dy
12. Magnetic Particle Equipment & Consumables	\$65/dy
13. Nuclear Gauge	\$35/dy
14. Pachometer (Rebar) Survey Equipment	\$95/dy
15. Schmidt Hammer	\$65/dy
16. Skidmore Wilhelm, per day	\$195/dy
17. Torque Wrench (Large, >100 ft-lb), per day	\$85/dy
18. Torque Wrench (Small), per day	\$20/dy
19. Ultrasonic Equipment & Consumables	\$75/dy
B. Diamond Coring (min. charge = field time w/travel + 1 hr. mob./demob.)	
1. Machine, truck & 1 operator (accessible flatwork only)	\$210/hr \$190/hr.
2. Machine, truck, operator and helper	\$325/hr 265/hr.
3. Coring Bit Charge	\$3.50/inch
4. Coring truck mileage (portal to portal)	\$0.75/mi



III. LAB TESTS: AGGREGATE & SOIL

A Soils - Geotechnical

1. Atterberg Limits (LL and PL) – ASTM D4318, CTM 204 ^B	\$ 150
2. Consolidation (up to 9 Load/Rebound Pts) – ASTM D2435 ^E	\$ 340
3. Collapse – ASTM D4546 ^B	\$ 165
4. additional Load Increment (Consol./Collapse) – per pt.	\$ 40
5. Direct Shear, remolded sample – ASTM D3080 ^D	\$ 285
6. Direct Shear, undisturbed (ring) sample – ASTM D3080 ^D	\$ 265
7. Expansion Index – ASTM D4829 ^B	\$ 160
8. Permeability, Constant Head – remolded - ASTM D2434, CT 220 ^D	\$ 445
9. pH (soil) – ASTM D4972 ^C	\$ 35
10. Resistivity – ASTM G57 ^C	\$ 60
11. Resistivity (Minimum), includes pH – CTM 643 ^C	\$ 155
12. Soil Cement – Moist.-Dens. or Sample Prep set of 3 - ASTM D558	\$ 240
13. Soil Cement – Wet-Dry Durability – ASTM D559	\$ 1100
14. Soil Cement – Compressive Strength – ASTM D1633	\$ 60
15. Soil Classification – ASTM D2488 – Visual-Manual ^A	\$ 45
16. Soluble Chloride (soils) ^C	\$ 80
17. Soluble Sulfate (soils) ^C	\$ 80
18. Unconfined compression on prepared specimens	\$ 120

B Particle Size Analysis

1. Sand equivalent (ASTM 2419, CTM 217) ^A	\$ 115
2. Sieve #200 wash only (ASTM D1140, CTM 202) ^A	\$ 85
3. Sieve (coarse or fine only, no wash – ASTM C136, CTM 202) ^A	\$ 95
4. Sieve (coarse & fine w/ wash – ASTM C136, CTM 202) ^A	\$ 135
5. Hydrometer w/ Fine Sieve(ASTM D422, CTM 203) ^B	\$ 185
6. Hydrometer w/ Fine & Coarse Sieve(ASTM D422, CTM 203) ^B	\$ 210

C Moisture Density Relationship

1. Max. Density-Opt. Moisture (4 in. mold) – ASTM D1557, D698 ^A	\$ 185
2. Max. Density-Opt. Moisture (6 in. mold) – ASTM D1557, D698 ^A	\$ 210
3. Max. Density-Opt. Moist. w/ Rock Corr. – ASTM D1557, D4718 ^A	\$ 295
4. Maximum Density Checkpoint (4 in. mold) ^A	\$ 75
5. Moisture & Dry Density (ring samples) ^A	\$ 22
6. Moisture determination (aggregate samples) ^A	\$ 35
7. Caltrans Relative Compaction (Wet Density) – CTM 216 ^A	\$ 225

D Aggregate, Soil & Rock

1. Abrasion Resistance by LA Rattler – ASTM C131, CTM 211 ^B	\$ 185
2. Absorption, sand or gravel – ASTM C127, C128 ^B	\$ 60
3. California bearing ratio (CBR) with expansion – ASTM D1883 ^C	\$ 410
4. Cement Treated Base (CTB), compact, cure & test ^E	\$ 260
5. Cement Treated Base – compression (make, cure, test – 3 spec)	\$ 565
6. Cement Treated Base – stability	\$ 525
7. Clay lumps and friable particles, per primary size–ASTM C142 ^C	\$ 115
8. Cleanness Test – CTM 227 ^A	\$ 130
9. Crushed particles, per primary size ^C	\$ 165
10. Durability Index (\$120 per size fraction) – CTM 229 ^A	\$ 215
11. Flat & Elongated Particles (per bin size) – ASTM D4791 ^C	\$ 190
12. Lightweight pieces, per size fraction – ASTM C123 ^C	\$ 400
13. Lime content of treated materials (by titration)	
a. Lime content curve determination, for each material	\$ 495
b. Lime content, including untreated control sample	\$ 245
14. Mortar making properties of Sand ASTM C87 ^D	\$ 380
15. Relative Mortar Strength - CTM 515 ^D	\$ 410
16. Organic Impurities – ASTM C40, CTM 213 ^B	\$ 80
17. Petrographic Analysis of Gravel – ASTM C295 (single grading) ^E	\$ 450
18. Petrographic Analysis of WC Sand – ASTM C295 (pre-graded) ^E	\$ 850
19. Potential Reactivity Test ASTM C289 Chemical Method ^D	\$ 495
20. Potential Reactivity ASTM C227 Mortar Bar Method (3 month) ^E	\$ 785
Each additional month	\$ 118
21. Potential Reactivity Test ASTM C1260 Rapid Method ^E	\$ 625
22. Potential Reactivity ASTM C1293 Mortar Bar w/ Pozz (12 month) ^E	\$ 1600
Extend to 24-months add (C1293 requires Sp.Grav. & Unit Weight)	\$ 800
23. Potential Reactivity Test ASTM C1567 Rapid-Cement Combo ^E	\$ 760
24. 'R' Value - ASTM D2844, CT 301 (Treated material by quote) ^B	\$ 315
25. Rip Rap, Slope Protection, Quarry Stone Acceptance	Per Quote
26. Specific gravity w/ absorption - coarse (ASTM C127, CTM 206) ^B	\$ 110
27. Specific gravity w/ absorption - fine (ASTM C128, CTM 207) ^B	\$ 130
28. Sulfate Soundness, 5 cycle test per primary size – ASTM C88 ^D	\$ 365
29. Uncompacted Void Content of Fine Aggregate – AASHTO T304 ^B	\$ 175

30. Unit weight – ASTM C29	\$ 72
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E Dimensional Stone Tests

1. Compressive Strength – ASTM C170 ^D	\$ 95
2. Water Absorption & Density – ASTM C97 (3 required) ^D	\$ 65
3. Modulus of Rupture – ASTM C99 ^D	\$ 115
4. Flexural Strength – ASTM C880 ^D	\$ 130

(Comp., MOR & Flex Str. require 5 samples ea. in wet & dry conditions // & ⊥ to rift.)
(All prices are for prepared samples. Cutting and machining charges are extra.)

IV. LAB TESTS: CEMENT, CONCRETE, & MASONRY

A Cement

1. Grab sample (CCR Title 24) includes 1 year storage	\$ 55
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B Concrete

1. Concrete compression: 6x12 cylinders – ASTM C39 ^A	\$ 26
2. Concrete compression: 4x8 cylinders – ASTM C39 ^A	\$ 22
3. Concrete cylinder pickup: 6x12 (>25mi. radius of Lab add hourly pickup rate)	\$ 12.50
4. Concrete cylinder pickup: 4x8 (>25mi. radius of Lab add hourly pickup rate)	\$ 9.50
5. Concrete cylinder mold (w/ lid - spare)	\$ 6
6. Concrete core compression test – ASTM C42 ^C	\$ 45
7. Concrete Trial Batch (includes 6 compression tests)	\$ 765
8. Concrete Mix Design Review (excludes testing & revisions)	\$ 230
9. Concrete mix proportion revision	\$ 150
10. Density of concrete cylinder (unit weight) ^C	\$ 64
11. Drying shrinkage – ASTM C157 (set of 3, 5 ages) ^E	\$ 495
12. End preparation of cores, diamond sawing, per cut	\$ 15
13. Flexural beam pick-up (>25mi. radius of Lab add hourly pickup rate)	\$ 38 ea
14. Flexural strength, 6"x6" beam – ASTM C78 & C293 ^A	\$ 80
15. Shotcrete/Gunite core compression test (not including coring)	\$ 35
16. Coring of Shotcrete/Gunite panel in laboratory, each core	\$ 50
17. Shotcrete/Gunite panel pick-up (>25mi. radius of Lab add hourly pickup rate)	\$ 38
18. Lab trial batch, not including specimen tests - ASTM C192	Per Quote
19. Lightweight. insulating concrete compress, 4 req. – ASTM C495	\$ 50
20. Lightweight insulating concrete – unit weight (oven dry)	\$ 95
21. Modulus of elasticity, 4"x8" cylinder – ASTM C469 ^D	\$ 215
22. Petrographic analysis of hardened concrete – ASTM C856 (per core) ^E	\$ 950
23. Poisson's Ratio on 6"x12" cylinders – ASTM C469 ^D	Per Quote
24. Splitting tensile – ASTM C496 ^D	\$ 175
25. Non-Shrink (Dry-Pack) Grout – 2"x2"x2"; set of 3	\$ 96

C Masonry

1. Absorption - brick, 5 required – ASTM C67 ^D	\$ 75
2. Absorption - masonry unit, 3 required – ASTM C140 ^D	\$ 58
3. Compression, brick, 5 required – ASTM C67 ^D	\$ 48
4. Compression - masonry core ^C	\$ 50
5. Compression - masonry prisms 8"x8" – ASTM C1314 (other sizes by quote – may require cutting charge)	\$ 154
6. Compression - masonry unit, 3 required – ASTM C140 ^D (requires absorption/unit weight tests for Net Area)	\$ 82
7. Dimensions – masonry unit, 3 required ^D	\$ 44
8. Compression test, grout specimens	\$ 35
9. Compression test, mortar specimens	\$ 35
10. Diamond sawing of masonry specimens, if required (minimum)	\$ 30
11. Efflorescence, first unit @ \$200, each additional @	\$ 60
12. Linear shrinkage, masonry unit, 3 required – ASTM C426 ^E	\$ 105
13. Masonry Prism Pickup (ea.)	\$ 50
14. Masonry Unit Acceptance Test – ASTM C140 ^D (includes absorption, compression, dimensions, unit weight)	\$ 595
15. Mortar Aggregate Ratio – ASTM C780 (A4) ^B	\$ 285
16. Modulus of rupture, brick, 5 required – ASTM C67 ^D	\$ 65
17. Moisture content - masonry unit (as received), 3 req'd – ASTM C140 ^D	\$ 45
18. Shear test on masonry core – CBC 2105A.4 ^B	\$ 115
19. Tensile test on masonry block	\$ 245
20. Unit weight, masonry unit, 3 required – ASTM C140 ^D	\$ 48
21. Visual Examination & Photo-document Core – CBC 2105A.4 ^B	\$ 48

A,B,C,D,E Standard Turn-Around-Times (where applicable in superscript):

A – 3 working days B – 5 working days C – 7 working days
D – 10 working days E – >10 working days

TAT indicates testing time under typical conditions and is subject to change.

V. LAB TESTS: REINFORCING & STRUCTURAL STEEL

A. General Testing

1. Processing mill certification (each size & heat)	\$20 ea.
2. Rockwell or Brinell Hardness, average of three readings	\$35 ea.
3. Zinc coating, each item (includes Haz Mat Fee) ^C	\$215

B. Reinforcing Steel

1. Deformation, reinforcing steel ^C	\$60
2. Pre-stress, strand or wire, tensile & elongation ^D	Per Quote
3. Proof test on post-tension assembly	Per Quote
4. Bend Test (rebar) ^C	\$50
5. Tensile test (rebar), up to & including #8 ^C	\$55
6. Tensile test (rebar) #9, #10, #11 ^D	\$95
7. Tensile test (rebar) #14, #18 ^D	\$215
8. Rebar Mechanical Coupler (Tension) Test (up to #11 bar) ^D	\$215

C. Structural Steel

1. Cutting & machining charges	cost + 15%
2. Bend test, structural, all sizes	\$75
3. Tensile test, structural, <3/4" cross-section (cutting & machining extra)*	\$75
4. Tensile test, structural, >3/4" cross-section (cutting & machining extra)*	\$125
5. Flattening test of pipe	\$65

*Tensile and yield by percent offset, add \$85

D. High Strength Bolts

1. DSA-Certified High Strength Bolt Set ea. (Bolt, Nut, & Washer) ^D	\$ 335
2. Bolts – proof load (non-DSA) ^D	\$ 45
Bolts – ultimate load ^D	\$ 65
Bolts – hardness ^D	\$ 35
3. Nuts – proof load ^D	\$ 45
Nuts – hardness ^D	\$ 35
4. Washers – hardness ^D	\$ 35

E. Welding Procedure and Welder Qualification Tests

	<i>Coupon thickness (mild steel only)</i>	<i>to 3/8"</i>	<i>over 3/8"</i>
1. Fracture bend (fillet)			\$45
2. Macroetch	\$55 ea.		
3. Free bend			\$65
4. Nick break	\$45 ea.	\$35	
5. Side, face or root bend	\$28 ea.	\$35	
6. Tensile	\$40 ea.	\$50	
7. Welder Qualification Records			\$115

Includes evaluation of test specimens and preparation of Stamped Welder/Procedure Qualification Records per applicable code.

**Welder qualification examinations are given in our laboratory or at fabricator's shop with 4-hour minimum witnessing charge.*

***Fees listed are for tests only. Sample preparation, coupon machining, etc., will be charged at applicable hourly lab rates and cost plus 15% for Outside Direct Costs.*

VI. MISCELLANEOUS CONSTRUCTION MATERIALS TESTS

1. Calibration Certificates	Per Quote
2. Density of Sprayed Fireproofing	\$85
3. Roof Tile Strength	\$95
4. Roof Tile Absorption	\$75
5. Roof Cut Tests (total weight only)	\$85
6. Jobsite Trailer or Mobile Laboratory	Per Quote
7. Universal Testing Machine (Hourly)	\$210
8. Ground Rod Test (plus travel)	\$175

VII. ASPHALT & ASPHALTIC CONCRETE

A. Emulsions And Slurry Seals

1. Consistency test – ASTM D3910 ^A	\$95
2. pH determination ^B	\$75
3. Oven cook off (% residue) ^A	\$100
4. Solids content by evaporation and ignition extraction (slurry) ^A	\$225
5. Wet Track Abrasion – ASTM D3910 (prep. not included) ^A	\$270

B. Asphaltic Concrete, Aggregate And Mixes

1. Bulk Specific Gravity (HVEEM – 3 pt. LTMD) CT308 / T166 ^A	\$220
2. Coring of asphaltic concrete – See Section E Diamond Coring	
3. Extraction, % bitumen and sieve analysis	
Ignition Oven Method – CTM 382, 202 ^A	\$235
Solvent Extraction Method – ASTM D2172 ^B	\$395
4. Extraction, % bitumen only	
Ignition Oven Method – CTM 382 ^A	\$155
Solvent Extraction Method – ASTM 2172 ^B	\$305
5. Film stripping – CTM 302 ^C	\$165
6. Gyrotory Compaction, 6" specimen, Lab Mix* – AASHTO T312 ^B	\$350
7. Gyrotory Compaction, 6" specimen, Plant Mix* – AASHTO T312 ^B	\$300
<i>* Add \$110 for Asphalt Rubber</i>	
8. Hamburg Wheel Track – AASHTO T324 ^B	\$1,450
9. Ignition Oven Correction Factor – CTM 382 ^B	\$650
10. Marshall - Stability and flow (core) – ASTM D1559 ^A	\$125
11. Marshall - Stability and flow (bulk) – ASTM D1559 ^B	\$325
12. Marshall - Specific Gravity ^A	\$225
13. Mix proportion - Marshall Method ^D	\$2,900
with R.A.P. ^E	\$3,700
14. Mix proportion - HVEEM Method ^D	\$2,700
with R.A.P. ^E	\$3,500
15. Theoretical Maximum Specific Gravity (RICE) – D-2041, CT 309 ^A	\$200
16. Moisture content – ASTM D-1461 ^A	\$115
17. Recovery of Extracted Asphalt (extraction only) - ASTM D5404 ^D	\$250
18. Recovery of rubber from ARHM extraction ^D	\$315
19. Specific gravity of core – ASTM D2726 ^A	\$60
20. HVEEM Stabilometer test on premixed sample – CTM 366 ^A	\$185
Stabilometer test and mixing of sample ^B	\$400
21. Surface Abrasion – CTM 360 ^C	\$525
22. Resistance to Moisture Induced Damage (untreated) – T-283, CT 371 ^D	\$2,650
23. Resistance to Moisture Induced Damage (lime) – T-283, CT 371 ^D	\$1,850

NOTE: Where prices are listed for mix proportions, the necessary specific gravity tests and sieve analyses are included; however, aggregate and asphalt qualification tests are not.

^{A,B,C,D,E} **Standard Turn-Around-Times:** (where applicable TAT indicated in superscript following method):

A – 3 working days; B – 5 working days; C – 7 working days;
D – 10 working days; E – >10 working days

Standard TAT indicates anticipated testing time under typical conditions and is subject to change. RUSH TAT prioritizes testing over other samples. PRIORITY TAT dedicates technician to complete test as quickly as possible per the method specifications – hourly charges will apply for weekend or holiday work.

ADDITIONAL TESTS: NV5 performs a broad spectrum of field and laboratory testing. This Fee Schedule lists only the most common tests performed. For information regarding additional testing services, please contact our laboratory.

CASITAS MUNICIPAL WATER DISTRICT
Payable Fund Check Authorization
Checks Dated 03/21/19-04/03/19
Presented to the Board of Directors For Approval April 10, 2019

Check	Payee		Description	Amount
000874	Payables Fund Account	# 9759651478	Accounts Payable Batch 032719	\$332,534.06
000875	Payables Fund Account	# 9759651478	Accounts Payable Batch 040319	\$472,543.17
				\$805,077.23
000876	Payroll Fund Account	# 9469730919	Estimated Payroll 04/25/19	\$190,000.00
			Total	\$995,077.23

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

The above numbered checks, 000874-000876 have been duly audited is hereby certified as correct.

Denise Collin 4/3/19
Denise Collin, Accounting Manager/Treasurer

Signature

Signature

Signature

A/P Fund

Publication of check register is in compliance with Section 53065.6 of the Government Code which requires the District to disclose reimbursements to employees and/or directors.

000874	A/P Checks:	033373-033400
	A/P Draft to P.E.R.S.	000000
	A/P Draft to State of CA	000000
	A/P Draft to I.R.S.	000000
	Voids:	033380
000875	A/P Checks:	033401-033503
	A/P Draft to P.E.R.S.	
	A/P Draft to State of CA	
	A/P Draft to I.R.S.	
	Voids:	033406, 033451, 033452

Denise Collin 4/3/19
Denise Collin, Accounting Manager/Treasurer

Signature

Signature

Signature

CERTIFICATION

Payroll disbursements for the pay period ending 03/23/19
Pay Date of 03/28/19
have been duly audited and are
hereby certified as correct.

Signed: Rebekah Vieira
Rebekah Vieira

Signed: _____
Signature

Signed: _____
Signature

Signed: _____
Signature

4/03/2019 2:34 PM
 VENDOR SET: 01 Casitas Municipal Water D
 BANK: * ALL BANKS
 DATE RANGE: 3/21/2019 THRU 4/03/2019

A/P HISTORY CHECK REPORT

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
	C-CHECK	VOID CHECK	V 3/27/2019			033380		
	C-CHECK	VOID CHECK	V 4/03/2019			033406		
	C-CHECK	VOID CHECK	V 4/03/2019			033451		
	C-CHECK	VOID CHECK	V 4/03/2019			033452		

* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	0	0.00	0.00	0.00
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	0	0.00	0.00	0.00
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	4	VOID DEBITS 0.00		
		VOID CREDITS 0.00	0.00	0.00

TOTAL ERRORS: 0

VENDOR SET: 01	BANK:	TOTALS:	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
			4	0.00	0.00	0.00
BANK:		TOTALS:	4	0.00	0.00	0.00

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
0049	STATE OF CALIFORNIA							
I-T2 201903251488	State Withholding	D	3/27/2019	11,577.40		000000		11,577.40
0128	INTERNAL REVENUE SERVICE							
I-T1 201903251488	Federal Withholding	D	3/27/2019	30,820.03		000000		
I-T3 201903251488	FICA Withholding	D	3/27/2019	35,143.98		000000		
I-T4 201903251488	Medicare Withholding	D	3/27/2019	8,219.08		000000		74,183.09
0187	CALPERS							
I-PBB201903251488	PERS BUY BACK	D	3/27/2019	150.08		000000		
I-PBP201903251488	PERS BUY BACK	D	3/27/2019	161.96		000000		
I-PEB201903251488	PEPRA EMPLOYEES PORTION	D	3/27/2019	6,970.30		000000		
I-PEM201903251488	PERS EMPLOYEE PORTION MGMT	D	3/27/2019	2,144.40		000000		
I-PER201903251488	PERS EMPLOYEE PORTION	D	3/27/2019	6,337.38		000000		
I-PRB201903251488	PEBRA EMPLOYER PORTION	D	3/27/2019	7,630.47		000000		
I-PRR201903251488	PERS EMPLOYER PORTION	D	3/27/2019	9,966.54		000000		33,361.13
0004	ACWA JOINT POWERS INSURANCE AU							
I-0596930	Health Insurance 3/19	R	3/27/2019	161,552.54		033373		161,552.54
1325	Aflac Worldwide Headquarters							
I-367263	Supplemental Insurance 2/19	R	3/27/2019	3,435.78		033374		
I-786911	Supplemental Insurance 3/19	R	3/27/2019	3,435.78		033374		6,871.56
1666	AT & T							
I-00012792942	Acct#9391035541	R	3/27/2019	453.79		033375		453.79
3429	AT&T							
I-5840317409	Acct#8310007683039	R	3/27/2019	2,868.12		033376		2,868.12
0208	CareIQ							
I-6/13370740-1	1102WC190000002 DOS 1/10/19	R	3/27/2019	198.70		033377		198.70
4033	Alan Chang LAC							
I-6/13376271-1	1102WC190000002 DOS 2/12/19	R	3/27/2019	109.07		033378		
I-6/13376275-1	1102WC190000002 DOS 2/15/19	R	3/27/2019	109.07		033378		218.14
1483	CORVEL CORPORATION							
I-6/13352636-1	Bill Review	R	3/27/2019	277.29		033379		
I-6/13355086-1	Bill Review	R	3/27/2019	9.50		033379		
I-6/13363920-1	Bill Review	R	3/27/2019	9.50		033379		
I-6/13364763-1	Bill Review	R	3/27/2019	71.98		033379		
I-6/13370740-1	Bill Review	R	3/27/2019	9.50		033379		
I-6/13376271-1	Bill Review	R	3/27/2019	12.58		033379		
I-6/13376275-1	Bill Review	R	3/27/2019	12.58		033379		
I-6/13396440-1	Bill Review	R	3/27/2019	9.50		033379		
I-6/13401413-1	Bill Review	R	3/27/2019	9.50		033379		
I-6/13417160-1	Bill Review	R	3/27/2019	9.50		033379		

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
I-6/13417163-1	Bill Review	R	3/27/2019	13.95		033379		
I-6/13418905-1	Bill Review	R	3/27/2019	45.21		033379		
I-C00205825800	Claim#1102WC180000001	R	3/27/2019	338.40		033379		
I-M134007563968	Claim#1102WC180000001	R	3/27/2019	64.38		033379		893.37
02480	David Taussig & Associates, In D18-00115 CFD Tax Admin	R	3/27/2019	2,189.78		033381		2,189.78
04034	Gemini Duplication, Inc. 1102WC170500002 DOS 1/30/19	R	3/27/2019	242.22		033382		242.22
03926	Alan M Gross MD 1102WC170500002 DOS 1/29/19	R	3/27/2019	4,500.00		033383		4,500.00
01270	SCOTT LEWIS Reimburse Expenses 2/19	R	3/27/2019	4,199.90		033384		4,199.90
02129	Tracy Medeiros Claim1102WC180000001 3/12-3/25	R	3/27/2019	2,129.42		033385		2,129.42
00625	OfficeTeam Admin Temp	R	3/27/2019	1,030.40		033386		1,030.40
03707	Ojai Valley Community Hospital 1102WC190000002 DOS 10/23/18	R	3/27/2019	426.00		033387		426.00
02900	Greg Romey Reimburse Expenses 3/19	R	3/27/2019	149.00		033388		149.00
00215	SOUTHERN CALIFORNIA EDISON Acct#2210505426	R	3/27/2019	5,533.17		033389		
I-032319a	Acct#2157697889	R	3/27/2019	679.53		033389		
I-032319b	Acct#2266156405	R	3/27/2019	558.34		033389		6,771.04
01274	ST JOHNS REGIONAL MEDICAL CTR 1102WC180000002 DOS 1/17-1/21	R	3/27/2019	3,892.83		033390		3,892.83
02643	Take Care by WageWorks Reimburse Med/Dep Care	R	3/27/2019	308.40		033391		308.40
02323	Mitch Tull 1102WC180000002 3/2-3/12	R	3/27/2019	1,492.59		033392		1,492.59

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1121	Ventura Anesthesia Medical Gro							
I-6/13418905-1	1102WC180000001 DOS 2/11	R	3/27/2019	698.63		033393		698.63
9775	VENTURA ORTHOPEDICS MEDICAL GR							
I-6/13363920-1	1102WC180000001 DOS 2/1	R	3/27/2019	225.98		033394		
I-6/13401413-1	1102WC180000001 DOS 2/11	R	3/27/2019	1,869.35		033394		
I-6/13417160-1	1102WC180000002 DOS 2/19	R	3/27/2019	12.65		033394		
I-6/13417163-1	1102WC180000001 DOS 2/15	R	3/27/2019	144.43		033394		2,252.41
0270	Wells Fargo Bank							
I-031119a	Lunch Meeting - ENG	R	3/27/2019	15.00		033395		
I-031119b	Lunch Room Supplies - MGMT	R	3/27/2019	86.40		033395		
I-031119c	Call-Em-All - O&M	R	3/27/2019	700.00		033395		
I-031119d	GPS Unit - GAR	R	3/27/2019	284.98		033395		
I-031119e	Monitoring Service - GAR	R	3/27/2019	59.85		033395		1,146.23
4010	CALIFORNIA STATE DISBURSEMENT							
I-CS5201903251488	200000001181291	R	3/27/2019	386.30		033396		386.30
0102	FRANCHISE TAX BOARD							
I-G03201903251488	Payroll Deduction	R	3/27/2019	50.00		033397		50.00
0124	ICMA RETIREMENT TRUST - 457							
I-DCI201903251488	DEFERRED COMP FLAT	R	3/27/2019	1,438.64		033398		
I-DI%201903251488	DEFERRED COMP PERCENT	R	3/27/2019	235.74		033398		1,674.38
0985	NATIONWIDE RETIREMENT SOLUTION							
I-CUN201903251488	457 CATCH UP	R	3/27/2019	230.77		033399		
I-DCN201903251488	DEFERRED COMP FLAT	R	3/27/2019	5,110.39		033399		
I-DN%201903251488	DEFERRED COMP PERCENT	R	3/27/2019	589.03		033399		5,930.19
0180	S.E.I.U. - LOCAL 721							
I-COP201903251488	SEIU 721 COPE	R	3/27/2019	45.00		033400		
I-UND201903251488	UNION DUES	R	3/27/2019	841.50		033400		886.50
0010	AIRGAS USA LLC							
I-9960420790	Cylinder Rentals - PL	R	4/03/2019	186.27		033401		186.27
0012	ALL-PHASE ELECTRIC SUPPLY CO.							
I-5665-651152	Switch, Trough, Reel - TP	R	4/03/2019	1,045.91		033402		
I-5665-651381	Washer, Channel, Conduit - TP	R	4/03/2019	286.58		033402		
I-5665-651430	Tape, Ties, & Wire - EM	R	4/03/2019	157.19		033402		1,489.68

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
9569	ALLCABLE I-4009645 SCADA Instrument Wire - EM	R	4/03/2019	734.86		033403		734.86
3954	Allen Instruments & Supplies, I-10151 X Grip Tablets - ENG	R	4/03/2019	118.87		033404		118.87
3044	Amazon Capital Services							
	C-1Q41-WWPW-LHMJb Accrue Use Tax	R	4/03/2019	9.86CR		033405		
	C-1QPN-DLHK-43JQb Accrue Use Tax	R	4/03/2019	2.44CR		033405		
	C-1RQJ-LKTP-DJQXb Accrue Use Tax	R	4/03/2019	3.21CR		033405		
	D-1Q41-WWPW-LHMJa Accrue Use Tax	R	4/03/2019	9.86		033405		
	D-1QPN-DLHK-43JQa Accrue Use Tax	R	4/03/2019	2.44		033405		
	D-1RQJ-LKTP-DJQX Accrue Use Tax	R	4/03/2019	3.21		033405		
	I-111K-DDNC-PVTC Hangers & Kettle - ENG/WHS	R	4/03/2019	79.61		033405		
	I-11TR-RP6Q-XFCR Blind Spot Mirror - MAINT/GAR	R	4/03/2019	55.74		033405		
	I-16CC-9NPW-WNKG Carburetor Kit - LCRA	R	4/03/2019	27.43		033405		
	I-16CC-9NPW-XD9C Fan & Duct Kit - ENG	R	4/03/2019	112.79		033405		
	I-19Q1-YL96-617Q Pressure Washer Cartridge -GAR	R	4/03/2019	168.91		033405		
	I-1C6F-Y3FW-DX33 Flowise Replacement Kit - ADM	R	4/03/2019	358.63		033405		
	I-1FM4-TJHQ-47GP Clock & Lamp Switch - ADM/LCRA	R	4/03/2019	77.67		033405		
	I-1Q41-WWPW-LHMJ Sunshade - LCRA	R	4/03/2019	135.98		033405		
	I-1QPN-DLHK-43JQ Push Button Switch - LCRA	R	4/03/2019	33.69		033405		
	I-1RQJ-LKTP-DJQX Air Filter - LCRA	R	4/03/2019	44.30		033405		1,094.75
0836	AMERICAN RED CROSS I-22170681 Park Host CPR/AED Class - LCRA	R	4/03/2019	300.00		033407		300.00
0014	AQUA-FLO SUPPLY							
	I-SI1336150 Fittings & Paste - UT	R	4/03/2019	48.89		033408		
	I-SI1339103 PVC Caps, Fittings, Plugs - UT	R	4/03/2019	45.96		033408		94.85
2179	Art Street Interactive I-1645 Res. Sys. Web Hosting/Maint.	R	4/03/2019	542.15		033409		542.15
1666	AT & T I-000012813164 Acct#9391062398	R	4/03/2019	108.03		033410		108.03
1666	AT & T I-000012817758 Acct#9391064013	R	4/03/2019	20.72		033411		20.72
3429	AT&T I-2096186406 Acct#310006908483	R	4/03/2019	1,073.11		033412		1,073.11

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
0021 I-032719	AWA OF VENTURA COUNTY CCWUC Luncheon 3/27/19	R	4/03/2019	105.00		033413		105.00
0030 I-1900928035	B&R TOOL AND SUPPLY CO Hammer & File Set - EM	R	4/03/2019	336.32		033414		336.32
0679 I-S2559829.001	BAKERSFIELD PIPE & SUPPLY INC Flanges & Pipe - EM	R	4/03/2019	621.03		033415		621.03
0860 I-6108	Big Red Crane Company, Inc. Grapple Cart Pull - TP	R	4/03/2019	820.00		033416		820.00
3207 I-012078	BMI PacWest Inc. New AC for IT Room - LCRA	R	4/03/2019	1,356.58		033417		1,356.58
4036 I-040119	Brian Brennan Reimburse Mileage 1/19-3/19	R	4/03/2019	316.10		033418		316.10
3059 I-BPI928780	Brenntag Pacific Inc. Chlorine for Ojai Sys. - TP	R	4/03/2019	737.65		033419		737.65
1295 I-020819	BSN CONSTRUCTION Asphalt Patching - LCRA	R	4/03/2019	17,963.40		033420		17,963.40
0463 C-533995 I-535108 I-535465	Cal-Coast Machinery Flat Belt - LCRA Flat Belts & Filter - LCRA Guide - LCRA	R R R	4/03/2019 4/03/2019 4/03/2019	23.41CR 130.18 37.86		033421 033421 033421		144.63
0044 I-8997-569288	CALIFORNIA ELECTRIC SUPPLY LED Flood Lights - LCRA	R	4/03/2019	699.03		033422		699.03
9983 I-MD-2019-37 I-PPD031319-37R	CALIFORNIA URBAN WATER Membership Dues - CONS Smart Rebates - CONS	R R	4/03/2019 4/03/2019	2,681.96 2,000.00		033423 033423		4,681.96
3702 I-68373 I-68375	Cannon Corporation Rice Bridge Replacement - ENG De La Garrigue Bridge Rep -ENG	R R	4/03/2019 4/03/2019	1,057.50 1,170.00		033424 033424		2,227.50
1843 I-843034 I-844390	COASTAL COPY Copier Usage - LCRA Copier Usage - WHS	R R	4/03/2019 4/03/2019	146.84 47.27		033425 033425		194.11

VENDOR SET: 01 Casitas Municipal Water D

BANK: AP ACCOUNTS PAYABLE

DATE RANGE: 3/21/2019 THRU 4/03/2019

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
0071	COMMANDER PRINTED PRODUCTS							
	I-108255 Purchase Order Forms - ADM	R	4/03/2019	661.47		033426		
	I-108279 Floating Key Chains - LCRA	R	4/03/2019	770.97		033426		1,432.44
0061	COMPUWAVE							
	I-SB02092189 Power Cable - LCRA	R	4/03/2019	21.45		033427		
	I-SB02092224 Toners - ADM	R	4/03/2019	1,039.25		033427		
	I-SB02092295 Toners - ADM	R	4/03/2019	1,740.67		033427		
	I-SB07042646 Toners - ADM	R	4/03/2019	566.28		033427		3,367.65
0062	CONSOLIDATED ELECTRICAL							
	I-9009-788133 Transformer - TP	R	4/03/2019	100.40		033428		
	I-9009-788500 Grey Lug - LCRA	R	4/03/2019	69.37		033428		169.77
0331	COORDINATED WIRE ROPE							
	I-83610 Galvanized Wire - LCRA	R	4/03/2019	129.30		033429		
	I-83629 Harness & Carabiners - EM	R	4/03/2019	588.83		033429		718.13
0813	Cortech Engineering							
	I-50399091 Seal & Rotating Face - EM	R	4/03/2019	1,392.01		033430		1,392.01
1001	CUSTOM PRINTING							
	I-152135 Envelopes - ADM	R	4/03/2019	425.68		033431		425.68
0079	DANIELS TIRE SERVICE							
	I-250098009 Tires - Unit 114	R	4/03/2019	461.28		033432		461.28
4037	Rosa Delgadillo							
	I-767337 Camping Reduction - LCRA	R	4/03/2019	60.00		033433		60.00
0662	Diamond A Equipment							
	I-P26775 Gauge Wheels & Blades-Unit 277	R	4/03/2019	508.47		033434		
	I-P27903 Wheel Assembly - Unit 284	R	4/03/2019	726.40		033434		
	I-P28016 Wheel Assembly - Unit 284	R	4/03/2019	235.43		033434		1,470.30
0086	E.J. Harrison & Sons Inc							
	I-2018 Acct#1C00053370	R	4/03/2019	204.97		033435		204.97
0086	E.J. Harrison & Sons Inc							
	I-2038 Acct#1C00054230	R	4/03/2019	1,093.48		033436		1,093.48
2982	Joe Evans							
	I-Apr 19 Reimburse Expenses 4/19	R	4/03/2019	62.01		033437		
	I-Mar 19 Reimburse Expenses 3/19	R	4/03/2019	311.14		033437		373.15

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
0095	FAMCON PIPE & SUPPLY							
I-216879	Fittings & Adapters - PL	R	4/03/2019	1,383.53		033438		
I-217209	Bolts & Gaskets - UT	R	4/03/2019	30.03		033438		1,413.56
0099	FGL ENVIRONMENTAL							
I-901297A	Manganese Monitoring 2/21	R	4/03/2019	45.00		033439		
I-902641A	Lake Nutrient Monitoring 2/19	R	4/03/2019	1,288.00		033439		
I-902642A	TOC Monitoring 2/25	R	4/03/2019	52.00		033439		
I-902644A	TOC Monitoring 2/20	R	4/03/2019	52.00		033439		
I-902647A	Manganese Monitoring 2/21	R	4/03/2019	60.00		033439		
I-902981A	Nitrate Monitoring 3/5	R	4/03/2019	61.00		033439		
I-903018A	TOC Monitoring 3/19	R	4/03/2019	52.00		033439		1,610.00
0101	FISHER SCIENTIFIC							
I-9011645	Weighing Paper - LAB	R	4/03/2019	9.74		033440		9.74
1280	FRY'S ELECTRONICS, INC.							
I-7396797	Keyboards & Flash Drives - DO	R	4/03/2019	176.59		033441		
I-7400725	UPS & Cables - DO	R	4/03/2019	144.95		033441		
I-7406593	Bit Set, Plugs, Sensor - IT/OM	R	4/03/2019	86.65		033441		408.19
0121	HACH COMPANY							
I-11382724	Reagents - TP	R	4/03/2019	782.54		033442		
I-11386663	Reagents - TP	R	4/03/2019	40.22		033442		822.76
1052	HARBOR FREIGHT TOOLS USA, INC							
I-875928	Material Cart - EM	R	4/03/2019	107.74		033443		107.74
3700	HDR Engineering, Inc.							
I-1200179894	Solimar Beach Corrosion - ENG	R	4/03/2019	13,207.25		033444		13,207.25
2344	Janitek Cleaning Solutions							
I-33758A	Janitorial Services - DO	R	4/03/2019	1,959.10		033445		1,959.10
4030	Lee Kammrad							
I-772986	Camping Reduction - LCRA	R	4/03/2019	280.00		033446		280.00
0328	LIGHTNING RIDGE							
I-030819	Work Shirts - EM	R	4/03/2019	71.65		033447		71.65
2215	Scott MacDonald							
I-032719a	T3 Cert Renewal Fee	R	4/03/2019	90.00		033448		
I-032719b	Water TP Operation Course Fee	R	4/03/2019	163.53		033448		253.53

ENDOR SET: 01 Casitas Municipal Water D
 BANK: AP ACCOUNTS PAYABLE
 DATE RANGE: 3/21/2019 THRU 4/03/2019

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4038	Julius Markov I-775237 Camping Cancellation - LCRA	R	4/03/2019	175.00		033449		175.00
0151	MEINERS OAKS ACE HARDWARE							
	C-867700 Conudit Return - ENG	R	4/03/2019	48.21CR		033450		
	C-869554 Plumbing Parts Return - MAINT	R	4/03/2019	15.03CR		033450		
	I-867430 Gloves & Concrete - PL	R	4/03/2019	39.15		033450		
	I-867693 Conduit & Box - ENG	R	4/03/2019	227.11		033450		
	I-868402 Blades, Pliers, Fittings -LCRA	R	4/03/2019	343.02		033450		
	I-868409 Plumbing Parts - MAINT	R	4/03/2019	40.87		033450		
	I-868513 Paint, Rollers, Brushes - TP	R	4/03/2019	80.14		033450		
	I-868519 Faucet, Lattice, Paint - LCRA	R	4/03/2019	170.60		033450		
	I-868663 Paint - MAINT	R	4/03/2019	9.55		033450		
	I-868694 Gloves, Batteries, Holder - TP	R	4/03/2019	134.04		033450		
	I-869287 Mortar Mix & Coupling - LCRA	R	4/03/2019	17.18		033450		
	I-869423 Oil - LCRA	R	4/03/2019	10.70		033450		
	I-869447 Pencils, Bolts, Staples - TP	R	4/03/2019	35.55		033450		
	I-869515 Fertilizer, Gloves, Pruner -LCRA	R	4/03/2019	23.95		033450		
	I-869520 Cables & Brushes - LCRA	R	4/03/2019	12.85		033450		
	I-869557 Storage Container - MAINT	R	4/03/2019	19.50		033450		
	I-869561 Cleaner, Gloves, Hammer - UT	R	4/03/2019	64.32		033450		
	I-869660 Pliers, Fittings, Bushings -UT	R	4/03/2019	70.51		033450		
	I-869669 Adhesive - LCRA	R	4/03/2019	24.39		033450		
	I-869702 Plug - LCRA	R	4/03/2019	1.36		033450		
	I-869708 Pipe & Pipe Thread - MAINT	R	4/03/2019	19.35		033450		
	I-869716 Washers - MAINT	R	4/03/2019	30.56		033450		
	I-869736 Cut Wheel & Mop - UT	R	4/03/2019	39.01		033450		
	I-869847 Sandpaper & Rollers - LCRA	R	4/03/2019	11.97		033450		
	I-869955 Cleaner & Valve - LCRA	R	4/03/2019	43.20		033450		
	I-870029 Bolts, Screws, & Fastenings-EM	R	4/03/2019	7.82		033450		
	I-870460 Concrete Mix - WP	R	4/03/2019	68.43		033450		
	I-870598 Screws & Boxes - EM	R	4/03/2019	7.39		033450		
	I-871025 Timmer & Couplers - LCRA	R	4/03/2019	42.18		033450		
	I-871333 Rake & Shovels - FISH	R	4/03/2019	49.30		033450		1,580.76
2797	Milner-Villa Consulting							
	I-2017-CMWD-004 Urban Water Mgmt Plan Serv.	R	4/03/2019	6,900.00		033453		
	I-2017-CMWD-005 Urban Water Mgmt Plan Serv.	R	4/03/2019	3,870.30		033453		10,770.30
3444	Mission Linen Supply							
	I-509482354 Uniform Pants - TP	R	4/03/2019	28.76		033454		
	I-509531449 Uniform Pants - TP	R	4/03/2019	28.76		033454		57.52

VENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
03701	MNS Engineers, Inc.							
	I-72159 Sunset Pipeline Replace - ENG	R	4/03/2019	1,965.00		033455		
	I-72160 Wellfield Pipe Replace - ENG	R	4/03/2019	1,252.50		033455		
	I-72161 Timber Cutoff Wall - ENG	R	4/03/2019	1,196.35		033455		4,413.85
03510	Michael Morrison							
	I-778246 Camping Reduction - LCRA	R	4/03/2019	132.00		033456		132.00
04039	Gorge Nagy							
	I-779872 Camping Cancellation - LCRA	R	4/03/2019	235.00		033457		235.00
0163	OFFICE DEPOT							
	I-287848889001 Paper - DO	R	4/03/2019	378.59		033458		378.59
0625	OfficeTeam							
	I-53113329 Admin Temp	R	4/03/2019	1,069.04		033459		1,069.04
1570	Ojai Auto Supply							
	I-457776 Brake Repair - Unit 72	R	4/03/2019	271.65		033460		
	I-457807 Seal & Fluids - Unit 72	R	4/03/2019	25.10		033460		
	I-457826 Rotors & Fluid - Unit 72	R	4/03/2019	37.16		033460		333.91
0165	OJAI LUMBER CO, INC							
	I-1903-913482 Restroom Siding - LCRA	R	4/03/2019	542.04		033461		
	I-1903-914675 Treated Peeler Pole - WP	R	4/03/2019	337.23		033461		
	I-1903-915634 Primer & Lumber - TP	R	4/03/2019	66.12		033461		
	I-1903-915803 Nails & utility Knife - TP	R	4/03/2019	28.53		033461		
	I-1903-915882 Treated Lumber - WP	R	4/03/2019	337.23		033461		
	I-1903-916103 Drill Bit - EM	R	4/03/2019	6.75		033461		
	I-1903-916417 Plugs - EM	R	4/03/2019	3.85		033461		
	I-1904-917063 Stakes & Straps - ENG	R	4/03/2019	50.49		033461		1,372.24
0884	OJAI TERMITE & PEST CONTROL, I							
	I-191778 Monthly Rodent Control - MAINT	R	4/03/2019	75.00		033462		75.00
0168	OJAI VALLEY NEWS							
	I-300028907 Advertisement - BRD	R	4/03/2019	172.50		033463		172.50
2917	Ojai Valley Organics							
	I-33225 Small Wood Pickup - MAINT	R	4/03/2019	20.00		033464		20.00
03239	Anita Olivares							
	I-679928 Camping Cancellation - LCRA	R	4/03/2019	71.00		033465		71.00

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
1627 I-14339	OSCAR'S TREE SERVICE Tress Service 2/6-2/14 - LCRA	R	4/03/2019	12,350.00		033466		12,350.00
0381 I-2019-584	PADRE ASSOCIATES, INC. CEQA Study - ENG	R	4/03/2019	3,207.94		033467		3,207.94
2833 I-88212947 I-99442900	Praxair, Inc Liquid Oxygen - TP Liquid Oxygen - TP	R R	4/03/2019 4/03/2019	2,250.27 2,268.13		033468 033468		4,518.40
0042 I-9206	PSR ENVIRONMENTAL SERVICE, INC Fueling Pump Diagnosis - LCRA	R	4/03/2019	265.00		033469		265.00
2767 I-2019-19 I-2019-22	Pueblo Water Resources, Inc. Teague GW Supply - ENG Supply Augmentation Assessment	R R	4/03/2019 4/03/2019	15,375.00 1,640.00		033470 033470		17,015.00
0306 I-9884	Rincon Consultants, Inc. Environmental Consulting - ENG	R	4/03/2019	17,459.79		033471		17,459.79
3960 I-26092	Ritz Safety Fire Retardant Pants - EM	R	4/03/2019	358.45		033472		358.45
3981 I-2-175-02	Roberts Consulting Group Inc. Professional Services HR -MGMT	R	4/03/2019	9,000.00		033473		9,000.00
4040 I-779392	Linda Rodriguez Camping Cancellation - LCRA	R	4/03/2019	109.00		033474		109.00
4041 I-793719	Thomas Rosskoff Noise Complaint Refund - LCRA	R	4/03/2019	30.00		033475		30.00
1109 I-15609 I-15614 I-15754	SALVADOR LOERA TRANSPORTATION Sand - PL Fill Sand - PL Fill Sand - PL	R R R	4/03/2019 4/03/2019 4/03/2019	424.00 424.00 423.70		033476 033476 033476		1,271.70
2837 I-2854	Sam Hill & Sons, Inc. Line Break Repair Grand Ave-PL	R	4/03/2019	21,577.13		033477		21,577.13
2756 I-1386055-IN	SC Fuels Gas - DO	R	4/03/2019	3,728.46		033478		3,728.46

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
4031	Donald Schmit							
I-780222	Raincheck Refund - LCRA	R	4/03/2019	30.00		033479		30.00
4042	SFX PTO							
I-768910	Camping Cancellation - LCRA	R	4/03/2019	65.00		033480		
I-769760	Camping Cancellation - LCRA	R	4/03/2019	425.00		033480		490.00
2003	Sostre Enterprises Inc.							
I-3700	Website/CMS Fee Hosting	R	4/03/2019	249.00		033481		249.00
0215	SOUTHERN CALIFORNIA EDISON							
I-032819	Acct#2312811532	R	4/03/2019	137.86		033482		
I-032919	Acct#2210507034	R	4/03/2019	8,156.84		033482		
I-032919a	Acct#2237011044	R	4/03/2019	17.14		033482		
I-033019	Acct#2210503702	R	4/03/2019	5,830.73		033482		
I-040219	Acct#2269631768	R	4/03/2019	24.64		033482		
I-040319a	Acct#2210505426	R	4/03/2019	1,507.55		033482		
I-040319b	Acct#2237789169	R	4/03/2019	15.60		033482		
I-040319c	Acct#2210502480	R	4/03/2019	58,028.21		033482		73,718.57
3916	Angelo Spandrio							
I-Mar 19	Reimburse Mileage 3/19	R	4/03/2019	22.62		033483		22.62
0048	STATE OF CALIFORNIA							
I-040119	State Water Plan Payment	R	4/03/2019	171,518.00		033484		171,518.00
1147	SUPERIOR GATE SYSTEMS							
I-4124	Install Upper Gate Loops - DO	R	4/03/2019	700.00		033485		700.00
1662	TYLER TECHNOLOGIES, INC.							
I-025-252751	Incode Maintenance Contracts	R	4/03/2019	1,714.34		033486		
I-025-253353	Monthly UB Online Fees	R	4/03/2019	153.00		033486		1,867.34
1268	ULINE							
I-106902535	Gloves - ADM	R	4/03/2019	24.95		033487		24.95
3393	Upper Ventura River Groundwater							
I-112	UVRGA Share of Expense FY1819	R	4/03/2019	25,000.00		033488		25,000.00
9955	VENTURA WHOLESALE ELECTRIC							
I-241051	Pipe Wrap, Adapters, Hub - ENG	R	4/03/2019	98.81		033489		
I-241053	Ties, Conduit, Enclosure - EM	R	4/03/2019	77.47		033489		176.28

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
0536 I-3052-19	Water Resource Engr Associates HOBO Phase 3 - ENG	R	4/03/2019	6,372.00		033490		6,372.00
2854 I-9549	Water Works Engineers, LLC West End Ojai Ave PL - ENG	R	4/03/2019	10,129.85		033491		10,129.85
0630 I-278193	WESCO Connectors - EM	R	4/03/2019	16.71		033492		
I-278195	Connector Block - TP	R	4/03/2019	159.18		033492		
I-278197	Galvanized Steel - EM	R	4/03/2019	123.83		033492		
I-278200	Rebush & Seal - TP	R	4/03/2019	149.39		033492		449.11
0048 I-022219	WORLD WATERPARK ASSOCIATION Membership Dues - WP	R	4/03/2019	429.00		033493		429.00
I-000201903211487	ROSS, ROBERT G TS REFUND	R	4/03/2019	57.96		033494		57.96
I-000201903291489	SMITH, BRIAN R TS REFUND	R	4/03/2019	130.20		033495		130.20
I-000201903291490	VATERLAUS, ROY UB REFUND	R	4/03/2019	4.18		033496		4.18
I-000201903291491	HERNANDEZ, GABRIEL UB REFUND	R	4/03/2019	986.51		033497		986.51
I-000201903291492	TRAVIS AG CONSTRUCTI UB REFUND	R	4/03/2019	500.00		033498		500.00
I-000201903291494	KARINYA, SARAH UB REFUND	R	4/03/2019	143.96		033499		143.96
I-000201903291493	LEVINE, ROBERT UB REFUND	R	4/03/2019	34.77		033500		34.77
I-000201903291495	SILVERMAN, GORDANA J UB REFUND	R	4/03/2019	101.14		033501		101.14
I-000201903291496	LEARD, BEVERLY UB REFUND	R	4/03/2019	52.61		033502		52.61
I-000201903291497	WARD CORPORATION UB REFUND	R	4/03/2019	328.56		033503		328.56

ENDOR I.D.	NAME	STATUS	CHECK DATE	INVOICE AMOUNT	DISCOUNT	CHECK NO	CHECK STATUS	CHECK AMOUNT
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* * T O T A L S * *

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
REGULAR CHECKS:	127	685,955.61	0.00	685,955.61
HAND CHECKS:	0	0.00	0.00	0.00
DRAFTS:	3	119,121.62	0.00	119,121.62
EFT:	0	0.00	0.00	0.00
NON CHECKS:	0	0.00	0.00	0.00
VOID CHECKS:	0	VOID DEBITS	0.00	
		VOID CREDITS	0.00	
			0.00	0.00

TOTAL ERRORS: 0

	NO	INVOICE AMOUNT	DISCOUNTS	CHECK AMOUNT
VENDOR SET: 01 BANK: AP TOTALS:	130	805,077.23	0.00	805,077.23
BANK: AP TOTALS:	130	805,077.23	0.00	805,077.23
REPORT TOTALS:	130	805,077.23	0.00	805,077.23

**Casitas Municipal Water District
 Reimbursement Disclosure Report (1)
 Fiscal Year 2017/18
 July 1, 2018-June 30, 2019**

<u>Date paid</u>	<u>Board of Director/Employee</u>	<u>Description</u>	<u>Amount Paid</u>
7/3/2018	Ken Grinnell	Reimburse Mileage	328.09
7/3/2018	Ken Grinnell	Conference Hotel	158.74
7/11/2018	Gerardo Herrera	English Composition Course Fee & Supplies	311.16
7/11/2018	Gerardo Herrera	Safety Boots	170.00
7/18/2018	Michael Gibson	PPE - Convertible Waders/Wading Boots	634.27
8/1/2018	Eric Grabowski	Water Management Course Fee	334.16
8/1/2018	Eric Grabowski	T3 Certification Exam Fee	100.00
8/1/2018	Mario Mariscal	Water/Wastewater Calculation Course Fee	138.00
8/22/2018	Stuart Birdsey	Trailer Storage Banners	152.89
8/22/2018	Stuart Birdsey	Ranger Training Course Fee	145.50
8/22/2018	Lindsay Cao	CWEA Membership Renewal Fee	188.00
8/29/2018	Luke Soholt	Ventura County Possessory Tax	391.47
9/5/2018	David Pope	Safety Boots	170.00
9/12/2018	Bill Hicks	Reimburse Mileage	106.28
9/19/2018	Vincent Godinez	Reimburse Mileage	115.54
9/19/2018	Vincent Godinez	Control Valve Course Hotel Fee	143.44
9/26/2018	Scott Lewis	Hotel 8/25-8/31	634.90
9/26/2018	Scott Lewis	Airfare to CMWD 8/25-9/1	431.60
9/26/2018	Scott Lewis	Airfare to CMWD 9/22-9/29	301.60
10/3/2018	Kyler Heath	Advanced Report Writing Course Fee	176.98
10/17/2018	Scott Lewis	Hotel 9/22-9/29	608.01
10/17/2018	Scott Lewis	Car Rental 9/22-9/29	417.59
10/24/2018	Carol Belser	Ranger Badge	108.00
10/31/2018	Steven Sharp	D4 Certification Exam Fee	130.00
10/31/2018	Michael Shields	D5 Certification Exam Fee	155.00
11/7/2018	Lindsay Cao	PE License Renewal	115.00
11/7/2018	Joe Evans	Propeller for Unit 289	366.35
11/7/2018	Scott Lewis	Hotel 10/23-10/28	406.15
11/7/2018	Scott Lewis	Airfare to CMWD 10/23-10/28	405.61
11/7/2018	Scott Lewis	Car Rental 10/23-10/28	452.49
11/7/2018	Scott Lewis	Airfare to CMWD 11/13-11/18	380.59
11/7/2018	James Word	Reimburse Mileage	134.82
11/14/2018	Russ Baggerly	Reimburse Mileage	129.17
12/5/2018	Bill Hicks	Reimburse Mileage	152.60
12/5/2018	Bill Hicks	Reimburse Mileage	237.08
12/5/2018	Eric Lara	Safety Boots	107.70
12/12/2018	Scott Lewis	Hotel 11/13-11/18	520.35
12/12/2018	Scott Lewis	Car Rental 11/13-11/18	446.81
12/19/2018	Joe Evans	Boat Cover Repair	100.00
12/19/2018	Mario Mariscal	Cla-Val Workshop Advance	315.00
12/19/2018	Luis Mejia	Cla-Val Workshop Advance	315.00
12/26/2018	Gerardo Herrera	Associate Degree Course	320.00
1/9/2019	James Word	Reimburse Mileage	136.25
1/16/2019	Gerardo Herrera	Safety Boots	170.00
1/16/2019	Ronald Quinine	PC 832 Course Fee	145.50
1/16/2019	Scott Lewis	Hotel 12/10-12/19	813.91
1/16/2019	Scott Lewis	Airfare to CMWD 12/10-12/19	782.61
1/16/2019	Scott Lewis	Car Rental 12/10-12/19	579.48
1/16/2019	Scott Lewis	Fall Tuition	1928.97
1/30/2019	David Pope	Work Shirts	140.50
1/30/2019	Greg Romey	Training Lunch	183.06
1/30/2019	Greg Romey	ASSP Safety Conference Fee	715.00
2/13/2019	Eric Behrendt	Safety Boot Stipend	170.00
2/13/2019	Scot Byron	Safety Boot Stipend	170.00
2/13/2019	Lindsay Cao	Safety Boot Stipend	170.00

**Casitas Municipal Water District
 Reimbursement Disclosure Report (1)
 Fiscal Year 2017/18
 July 1, 2018-June 30, 2019**

2/13/2019	Gonzalo Carbajal-Ramirez	Safety Boot Stipend	170.00
2/13/2019	Kevin Champlin	Safety Boot Stipend	170.00
2/13/2019	Virgil Clary	Safety Boot Stipend	170.00
2/13/2019	Joel Cox	Safety Boot Stipend	170.00
2/13/2019	Todd Evans	Safety Boot Stipend	170.00
2/13/2019	Ramiro Garcia	Safety Boot Stipend	170.00
2/13/2019	Vincent Godinez	Safety Boot Stipend	170.00
2/13/2019	Debbie Gomez	Safety Boot Stipend	170.00
2/13/2019	Eric Grabowski	Safety Boot Stipend	170.00
2/13/2019	Ken Grinnell	Safety Boot Stipend	170.00
2/13/2019	Willis Hand	Safety Boot Stipend	170.00
2/13/2019	Gerardo Herrera	Safety Boot Stipend	170.00
2/13/2019	Lisa Kolar	Safety Boot Stipend	170.00
2/13/2019	Eric Lara	Safety Boot Stipend	170.00
2/13/2019	Tim Lawson	Safety Boot Stipend	170.00
2/13/2019	Ivan Lopez	Safety Boot Stipend	170.00
2/13/2019	Scott MacDonald	Safety Boot Stipend	170.00
2/13/2019	Mario Mariscal	Safety Boot Stipend	170.00
2/13/2019	Levi Maxwell	Safety Boot Stipend	170.00
2/13/2019	Cinnamon McIntosh	Safety Boot Stipend	170.00
2/13/2019	Susan McMahan	Safety Boot Stipend	170.00
2/13/2019	Tracy Medeiros	Safety Boot Stipend	170.00
2/13/2019	Luis Mejia	Safety Boot Stipend	170.00
2/13/2019	Curtis Orozco	Safety Boot Stipend	170.00
2/13/2019	David Pope	Safety Boot Stipend	170.00
2/13/2019	Edgar Ramos	Safety Boot Stipend	170.00
2/13/2019	William Reeder	Safety Boot Stipend	170.00
2/13/2019	William Reeder	T4 Certification Fee	105.00
2/13/2019	Michael Robles	Safety Boot Stipend	170.00
2/13/2019	Steven Sharp	Safety Boot Stipend	170.00
2/13/2019	Luke Soholt	Safety Boot Stipend	170.00
2/13/2019	Jordan Switzer	Safety Boot Stipend	170.00
2/13/2019	Brian Taylor	Safety Boot Stipend	170.00
2/13/2019	Cameron Tindle	Safety Boot Stipend	170.00
2/13/2019	Aaron Wall	Safety Boot Stipend	170.00
2/20/2019	Todd Evans	GIS Summit Fee	100.00
2/20/2019	Joe Evans	VC Star Advertisement Fee	124.98
2/20/2019	Gustavo Muro	Safety Boot Stipend	170.00
2/27/2019	Scott Lewis	Airfare to CMWD 1/13-1/20	585.01
2/27/2019	Scott Lewis	Airport Parking	120.00
2/27/2019	Scott Lewis	Car Rental 1/13-1/20	501.88
2/27/2019	Scott Lewis	Hotel 1/13-1/20	682.37
2/27/2019	Scott Lewis	AFS Membership Fee	115.00
2/27/2019	Scott Lewis	Airfare to CMWD 2/1-2/6	648.00
2/27/2019	Scott Lewis	Hotel 2/1-2/6	497.85
2/27/2019	Gustavo Muro	LA Geospatial Summit Fee	100.00
3/6/2019	Gonzalo Carbajal-Ramirez	AWWA Conference Advance	912.00
3/6/2019	RJ Faddis	Fred Hall Show 3/14-3/18 Advance	1535.36
3/6/2019	RJ Faddis	Fred Hall Show 3/27-4/1 Advance	2396.80
3/6/2019	Eric Lane	Safety Boot Stipend	170.00
3/6/2019	Edgar Ramos	AWWA Conference Advance	912.00
3/6/2019	Greg Romey	Coffee for Staff During Main Line Break	152.30
3/13/2019	Stephen Sulkowski	Fred Hall Show 3/14-3/18 Advance	198.00
3/20/2019	Po Chi Fung	ACWA Conference Lodging	298.36
3/20/2019	Po Chi Fung	ACWA Shuttle	109.00
3/20/2019	Michael Shields	D5 Certification Application Fee	105.00

**Casitas Municipal Water District
 Reimbursement Disclosure Report (1)
 Fiscal Year 2017/18
 July 1, 2018-June 30, 2019**

3/20/2019	Michael Shields	CSUS Water Treatment Course Fee	168.53
3/27/2019	Scott Lewis	Hotel 2/6-2/9	445.92
3/27/2019	Scott Lewis	Airfare Change Fee	195.00
3/27/2019	Scott Lewis	Airfare Change Fee	125.00
3/27/2019	Scott Lewis	Car Rental 2/1-2/10	663.49
3/27/2019	Scott Lewis	Airport Parking	150.00
3/27/2019	Scott Lewis	Airfare to CMWD 2/24-3/11	648.00
3/27/2019	Scott Lewis	Hotel 2/24-3/11	1432.48
3/27/2019	Greg Romey	Forklift Training	149.00
4/3/2019	Joe Evans	Kids Fishing Day Supplies	311.14
4/3/2019	Scott MacDonald	Water Treatment Plant Operation Course Fee	163.53
4/3/2019	Brian Brennan	Reimburse Mileage	316.10

1) Reimbursement Disclosure Report prepared pursuant to California Government Code 53065.5

**CASITAS MUNICIPAL WATER DISTRICT
MEMORANDUM**

TO: MICHAEL FLOOD, GENERAL MANAGER
FROM: WILLIS HAND, TREATMENT PLANT SUPERVISOR
SUBJECT: CONTRACT AWARD – MEDIA CLEANING FILTER #7
DATE: MARCH 21, 2019

RECOMMENDATION:

It is recommended that the Board of Directors approve a purchase order to ERS Industrial Services, Inc. in the amount of \$62,717.02 for the removal, cleaning and reinstallation of media in pressure filter #7. The above project also includes the purchase of supplemental filter media (81 cubic feet of fine garnet / 180 cubic feet of anthracite) required to return the filter media layers to original specifications.

BACKGROUND:

The Marion Walker Filtration Plant has 8 pressure filters, which have been in operation for over 20 years. In order to maintain optimum filter performance and ensure that the media continues to meet performance standards, operations and treatment staff have developed an ongoing preventative maintenance program. Prior media cleaning jobs have been performed over the past six years. The FY 2018/19 capital budget (GL# 11-5-54-5940-00) contains funds for the above work; the project is \$7,717.02 over budget.

The project was advertised on the district's website, one contractor performed the onsite mandatory job walk; ERS Industrial Services, Inc. was the only responsive bidder. The work required to remove, clean, store, and install the media is specialized. ERS Industrial Services is fully aware of the project requirements. They have completed numerous filter projects of similar scope for Casitas throughout the past 11 years and have demonstrated quality workmanship.

ERS has an active contractor's license and is registered with the Department of Industrial Relations.

MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, General Manager
RE: **Authorize the General Manager to sign a professional services contract with True North Research, Inc. in the amount of \$26,850.00 for services related to public surveys related to water resource issues.**
Date: April 5, 2019

RECOMMENDATION:

The Board of Directors authorize the General Manager sign a professional services contract with True North Research, Inc. as presented.

BACKGROUND:

District staff along with the members of the Ad-Hoc Public Relations Committee have discussed the possibility of a bond measure being put forward in the near future to the District's taxpayers in relation to funding the design and construction of alternative water supply projects.

Dr. Tim McLarney of True North Research, Inc. was interviewed via the phone by both staff and the Committee in subsequent meetings.

True North Research, Inc. provided a proposal which was reviewed by both District staff and the Ad-Hoc Committee.

DISCUSSION:

In considering the possibility of a bond measure being drafted for an election in the near future, District staff and the Ad-Hoc Public Relations Committee discussed the need for public feedback for its drafting.

Dr. Tim McLarney of True North Research, Inc. was contacted and a phone interview was conducted that involved questions and answers about public surveys in relation to public bond measures.

Topics covered with Dr. McLarney included:

- Experience and background of True North Research, Inc.
- Elements of a survey related to a special district such as Casitas Municipal Water District.
- Discussion of stratified voter files and specialized random sampling including mixed-mode outreach methodology.
- Project descriptions and framing of public surveys dialog.
- Timing of the public survey in relation to timing of a bond measure.
- Timeline of the proposal.

The Ad-Hoc Public Relations Committee recommended that the proposal be brought to the Board of Directors for consideration.

Dr. McLarney is expected to be in attendance electronically.

BOND MEASURE FEASIBILITY SURVEY
PROPOSAL FOR RESEARCH & CONSULTING


PREPARED FOR THE
CASITAS MUNICIPAL WATER DISTRICT



FEBRUARY 8, 2019



1592 N COAST HIGHWAY 101
ENCINITAS CA 92024
760.632.9900 WWW.TN-RESEARCH.COM



RESEARCH PROPOSAL

True North Research, Inc. (True North) is pleased to present the Casitas Municipal Water District (District) with this proposal to design and conduct a survey of voters to profile their awareness, understanding, and opinions as they pertain to the District and water reliability issues, as well as their willingness to fund improved water reliability through the passage of a bond or similar revenue measure. Our recent conversations with District staff have been quite helpful to our understanding of the District's objectives and needs with respect to the proposed research, and we have crafted this summary description of the proposed work scope and associated costs accordingly. However, if we missed an important detail—or if other issues have arisen that should be factored into the study—please feel free to contact us (760.632.9900) and we'll be happy to revise this estimate.

SCOPE OF WORK Creating revenue measures that are ultimately approved by the necessary percentage of voters is difficult, especially in the State of California. Successful measures require insightful research and sound, strategic advice. The overriding objective of the survey is thus to produce an *unbiased, statistically reliable* evaluation of voters' interest in supporting a local revenue measure to improve water reliability, as well as identify how best to align the measure with community priorities.

The scope of services that we propose to perform for the District includes all tasks associated with designing, conducting and analyzing the survey, as well as presenting the results. Briefly, the scope of services includes:

- Meet with the District to thoroughly discuss the research objectives and methodology for the study, as well as discuss potential challenges, concerns, and issues that may surround the study.
- Develop a stratified and clustered sample of voters who—based on their voting history and registration status—are likely to participate in the elections of interest (March 2020 or November 2020) on the natural or through targeted outreach efforts.
- Develop a draft questionnaire for the District's review and make revisions as needed until all parties approve of the instrument.
- Pre-test the survey instrument to ensure its integrity.
- CATI (Computer Assisted Telephone Interviewing) program the finalized survey instrument to ensure accurate and reliable data collection using live telephone interviewers.
- Web program the same survey instrument to allow for secure, password-protected online data collection to compliment the telephone data collection.
- Recruit participation in the survey using a combination of telephone calls and email invitations.
- Collect at least 400 quality interviews according to the sampling plan and a strict interviewing protocol. Interviewers will be professional, high quality interviewers. It is expected that the average interview will last up to 17 minutes.
- Process the data, which includes conducting validity checks, cleaning, recoding, coding open-end responses, and adjusting for strategic oversampling (if used) through a statistical procedure known as 'weighting'.
- Prepare an initial topline report which presents the overall findings of the survey.

- Prepare a thorough report on the findings, including a detailed question-by-question analysis, description of the methodology, an executive summary of the key findings and conclusions/recommendations, as well as a comprehensive set of crosstabulations showing how the answers varied by subgroups of voters. The report will include extensive full-color graphics displaying the findings, as well as insightful narrative discussion of the results and their implications.
- Prepare an electronic copy of the final report to allow the District to reproduce the report as needed.
- Prepare a PowerPoint presentation of the results and present the results to the District.
- Be available to assist and provide advice to the District after the survey is complete.

COSTS True North's fixed-fee cost estimate to design and conduct the survey as described in this proposal is \$26,850. This cost is inclusive—there will be no additional charges associated with the study.

ABOUT TRUE NORTH True North is a full-service research firm that is dedicated to providing cities, counties, public utilities, and other agencies with a clear understanding of the opinions, perceptions, priorities and concerns of their residents and voters. Through designing and implementing scientific surveys, focus groups and one-on-one interviews, as well as expert interpretation of the findings, True North helps its clients to move with confidence when making strategic decisions in a variety of areas—such as planning, policy evaluation, passing revenue measures, and developing effective public information campaigns. To date, the Principals at True North have designed and conducted over 1,000 research studies for public agencies, including more than 350 bond and tax measure feasibility surveys to gauge voter support for capital and service initiatives, identify the factors that shape voters' opinions regarding a proposal, develop effective public education and outreach strategies, and help agencies position a measure for voter approval.

One testimony to the accuracy of our research and the reliability of our strategic advice is that we have the highest *verifiable* success rate in the State of California for revenue measures over the past decade (96%), and a 100% success rate over the past three years (73 wins/73 measures on the ballot since 2015). To date, we have helped our clients raise over \$32 billion in voter-approved revenue measures. Our experience includes all types of revenue measures including general and special sales taxes, parcel taxes, bonds, transient occupancy taxes, utility users taxes, benefit assessments, and property-related fees.

PROJECT MANAGER BIO Dr. McLarney will lead the proposed voter survey and will personally perform 75% of the research tasks. As President of True North, Dr. McLarney is responsible for the design, management and analysis of True North's qualitative and quantitative research projects, including those that address community needs assessments, revenue measure feasibility, public policy and strategic planning issues. During his career, Dr. McLarney has occupied a key role in over 1,000 research studies, more than 350 of which had research objectives similar to those of the Casitas Municipal Water District.

Dr. McLarney is a nationally recognized expert in survey research methodology, sampling theory, weighting and the use of statistical methods to generalize survey results. His research has been recognized at numerous national and state conferences, has been published in academic jour-

nals, and has earned him honors including the title of Visiting Scholar at the Institute of Governmental Studies at UC Berkeley. He has also served as an independent expert witness in survey research methodology for California legal cases. Dr. McLarney holds a Ph.D. and M.A. in Government from Cornell University with an emphasis in survey methodology, sampling theory and public opinion, as well as a Bachelor's degree in Politics from the University of California, Santa Cruz.

REFERENCES

Santa Margarita Water District True North recently assisted the Santa Margarita Water District with research to profile customers' awareness of water reliability issues facing the District, as well as their support for various programs and initiatives designed to reduce the District's reliance on imported water and improve the long-term reliability of water services in the area. Contact: Jim Leach, Director of External Affairs. 26111 Antonio Parkway, Rancho Santa Margarita CA 92688: 949.459.6601; jim1@smwd.com.

Elsinore Valley Municipal Water District In 2017, True North assisted the Elsinore Valley Municipal Water District in designing and conducting a baseline survey of customers who receive water and sewer services, focusing on customer satisfaction with various aspects of the services they receive, the effectiveness of District communications, and how customers prioritize among several strategic opportunities and programs being considered by the District to improve water reliability. Contact: Bonnie Woodrome, Community Affairs Supervisor. 31315 Chaney Street, Lake Elsinore CA 92530: 951.674.3146 xt 8274; bwoodrome@evmwd.net.

City of Chula Vista True North assisted the City of Chula Vista with feasibility research and strategic advice that led to the successful passage of a tax to fund public facilities in 2016 and a second tax to fund public safety services in 2018. Contact: Gary Halbert, City Manager. 276 Fourth Avenue, Chula Vista CA, 91910: 619.691.5002.

City of Oceanside True North assisted the City of Oceanside with feasibility research and strategic advice that led to the successful passage of a tax to fund general city services in 2018. Contact: Deanna Lorson, Assistant City Manager. 300 North Coast Highway, Oceanside CA 92054. 760.495.3055.

City of Barstow After the City lost a measure in prior election cycle to fund fire protection services, True North was selected by the City to provide feasibility research and strategic advice that led to the successful passage of a tax to fund public safety and other city services in 2018. Contact: Cindy Prothro, Assistant City Manager. 220 East Mountain View Street, Suite A, Barstow CA 92311. 760.255.5115.

City of La Palma True North provided research and strategic advice to the City of La Palma that led to the successful passage of a tax measure in 2016 to fund general city services. Contact: Laurie Murray, City Manager. 7822 Walker St., La Palma CA 90623. 714.690.3338.

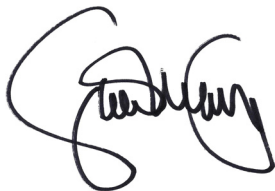


LETTER OF AGREEMENT

This proposal and the standard business terms (see below) will serve as a letter of agreement between True North Research and the Casitas Municipal Water District for the services described previously. In fulfillment of this agreement, True North will perform the services described in the *Scope of Work* on page 1. True North will invoice the full amount of the contract upon delivery of the report, with full payment due within 30 days of receiving the invoice.

Sincerely,

Agreed to and accepted by:



Timothy McLarney, Ph.D.
President
True North Research
1592 N. Coast Highway 101
Encinitas CA 92024

Michael Flood
General Manager
Casitas Municipal Water District
11311 Santa Ana Rd
Ventura CA 93001

BUSINESS TERMS Contracts and agreements between True North Research and its clients include the following general terms and conditions unless otherwise specified in a contract or agreement.

Flat Fees Unless otherwise specified, True North Research charges a flat fee for all or a portion of its services to a client in lieu of hourly charges.

Notices Any and all notices, demands, or other communications required or desired to be given hereunder by any party shall be documented in writing.

Confidentiality True North Research acknowledges that during the engagement it will have access to and possibly become acquainted with trade secrets, inventions, innovations, processes, information, records, and specifications owned or licensed by the Client in connection with the operation of its business including, business and product processes, methods, customer lists, accounts, and procedures. True North Research agrees that it will not disclose any of the aforesaid, directly or indirectly, or use any of them in any manner, either during the term of this Agreement or at any time thereafter, except as required in the course of this engagement with the client, or without written consent from the client.

Acting as Agent In compliance with California sales tax regulation, True North Research is designated as an Agent for the acquisition of tangible personal property and services as they apply to its clients' marketing activities.

<i>Merger</i>	The merger or consolidation of the client into or with any other entity shall not terminate or otherwise modify this Agreement.
<i>Ownership of Materials</i>	In producing finished products, it is expressly understood that ownership of all materials purchased by True North Research to complete the materials to be produced passes to its clients at the time of purchase and prior to any use by True North Research.
<i>Independent Contractor</i>	This Agreement shall not render True North Research an employee, partner, agent of, or joint venturer for the client for federal, state or local tax purposes, or for any other purpose.
<i>Amendment Provision</i>	This contract contains the entire agreement between the parties, and is subject to and will be construed under the laws of the State of California, and may be amended only in writing signed by both parties.
<i>Successors</i>	Any agreement between the agency and a client shall be binding upon, the heirs, successors and assignors of the parties.
<i>Termination</i>	The contract may be terminated by mutual consent of both parties, or by 10 days notice by either party. If the agreement is terminated, True North Research will bill the client for all work completed to date (including subcontractors' work).
<i>Attorneys' Fees</i>	Should any action be brought by one party against the other party to enforce any agreement, the prevailing party shall be entitled to recover from the other party its reasonable attorneys' fees, costs and expenses.
<i>Governing Law</i>	Any agreement between True North and a client shall be governed by California law and any action arising out of it shall be instituted and prosecuted in the Municipal or Superior Court of the County of San Diego.

CASITAS MUNICIPAL WATER DISTRICT

MEMORANDUM

TO: MICHAEL FLOOD, GENERAL MANAGER
FROM: JORDAN SWITZER, WATER QUALITY SPECIALIST
SUBJECT: HYDROLOGIC STATUS REPORT FOR MARCH, 2019
DATE: APRIL 04, 2019

RECOMMENDATION:

This item is presented for information only and no action is required. Data are provisional and subject to revision.

DISCUSSION:

Rainfall Data

	<u>Casitas Dam</u>	<u>Matilija Dam*</u>	<u>Thacher School</u>
March, 2019	4.37"	4.99"	4.39"
Water Year (WY: Oct 01 - Sep 30)	23.04"	37.54"	25.82"
Average station rainfall to date	21.50"	30.83"	18.89"

**Matilija Dam rainfall data unavailable at this time, Matilija Canyon rainfall station used as proxy*

Ojai Water System Data

Well field production (March, 2019)	82.0 AF
Surface water supplementation (March, 2019)	0.1 AF
Static depth to water surface- Mutual #6 (March, 2019)	109.5 ft
Change in static level from February, 2019	+ 26.5 ft

Robles Fish Passage and Diversion Facility Diversion Data

Diversions (March, 2019)	8,122 AF	Total diversions WY to date	18,570 AF
Diversion days in March	31	Diversion days this WY	79

Casitas Reservoir Data

Water surface elevation (03/31/2019)	505.67 ft AMSL
Water storage on April 01, 2019	106,454 AF
Water storage last month	93,818 AF
Net change in storage	+12,636 AF
Change in storage from March 31, 2018	+21,431 AF

CASITAS MUNICIPAL WATER DISTRICT
LAKE CASITAS RECREATION AREA

DATE: April 2, 2019
 TO: Board of Directors
 FROM: Carol Belser, Park Services Manager
 SUBJECT: Recreation Area Monthly Report for January 2019 and February 2019

Visitation Numbers

The following is a comparison of visitations* for Jan and Feb 2019.

	January 2019	Jan. 2018	December 2018
Visitor Days	24,419	26,848	19,552
Camps	2,969	2,662	2,080
Cars	6,173	6,712	4,888
Boats	91	153	104
Kayaks & Canoes	10	6	52
	February 2019	February 2018	January 2019
Visitor Days	22,636	30,012	24,419
Camps	2,678	3,019	2,969
Cars	6,143	7,503	6,173
Boats	119	170	91
Kayaks & Canoes	2	1	10

Totals for Fiscal Year through Feb 2019	
2018/2019	525,657
2017/2018	538,360
%Change	-2.416

*The formulas for calculating the above attendance figures derived from the daily cash reports are as follows:

Visitor Days = Daily vehicles + 30 minute passes X 3 + café passes + attendance at special events + annual vehicle decals + replacement decals + campsites occupied + extra vehicles X 4

Camps = Campsites occupied + extra vehicles

Cars = Daily vehicles + 30 minute passes X 3 + café passes + attendance at special events + annual vehicle decals + replacement decals + campsites occupied + extra vehicles

Boats = Daily boats + overnight boats + annual decals + replacement decals

Kayaks & Canoes = Daily kayaks and canoes + overnight kayaks and canoes + annual kayaks and canoes

Operations and Boating

The District's Prevention, Control and Management Plan for Invasive Species and the Vulnerability Assessment for Invasive Species 2016 plans that were revised in September 2018, were again updated and resubmitted to California Department of Fish and Wildlife in January. Casitas has received the anticipated approval dated February 19, 2019.

Casitas staff received a modification (additional funds) for the Open Space Management Assistance Grant that added another \$19,755 in funding to the June, 2015 grant. The Bureau of Reclamation began discussions with Casitas to update the May 16,

1978 Interim Agreement Between the United States of America and Casitas Municipal Water District for Management of Ventura River Open Space Lands. The new Agreement when drafted will be brought to the Board for approval.

Staff worked to keep docks and the boat house anchoring system adjusted with the rising lake level. The launch ramp was moved from Old Coyote on February 28, 2019 back to the Santa Ana launch ramp area. The Santa Ana launch ramp area, lowest ramp area #4, has not been open to the public for launching since July, 2017. Maintenance staff also worked on the turbidity curtains to adjust the anchors along with the rising lake levels. The curtains remain effective as seen in the photos below showing water clarity comparison of each side of the curtains, and the lake photo shows the position of the curtains. In January there were 348 recreational vessels tagged for re-entry into Lake Casitas, 6 passed new invasive mussel inspections, and 7 failed first inspection. In February there were 295 vessels tagged for re-entry, 7 passed inspection, and 4 failed.



Turbidity curtain showing effectiveness



Turbidity curtain placement map above, and photo below



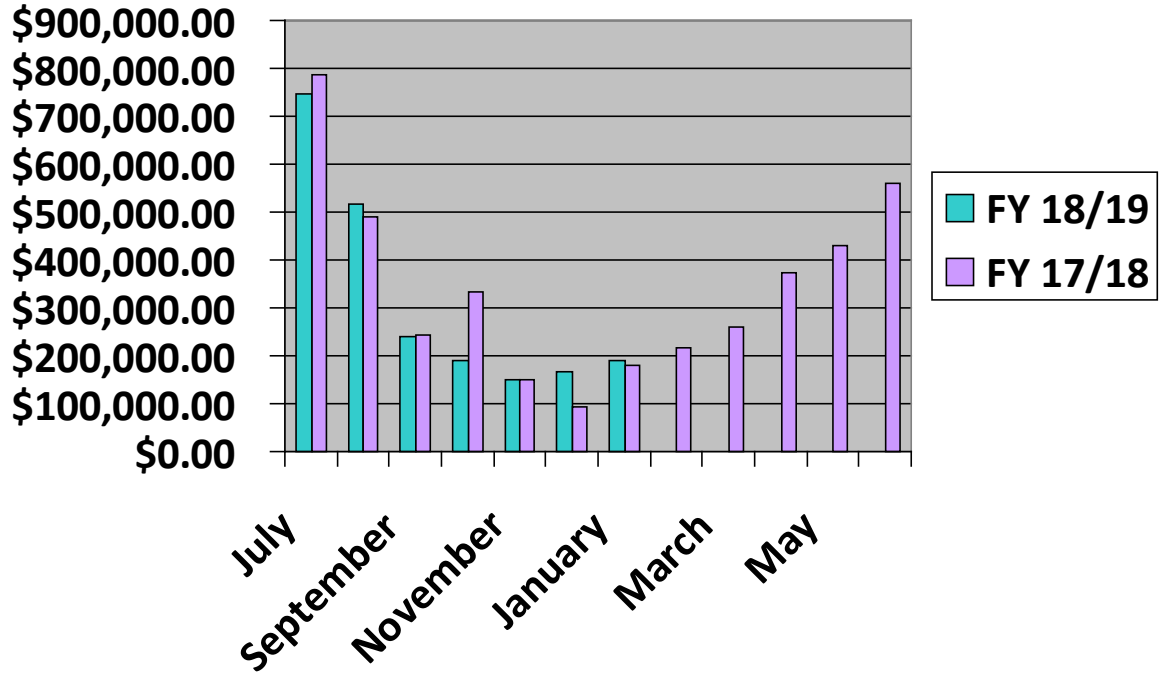
Incidents

In the month of January, there were 9 patrol observations where park staff made customer contact in January. Park Rangers responded to 12 calls for service and 4 customer service issues. There was one medical response and it required transport, 12 disturbances with 3 requiring support from the Ventura County Sheriff's Office. There were no unattended fires, 4 traffic violations with one requiring assistance from the CHP, 5 restricted area violations resulting in 1 citation, 0 boating violations, 0 leash law violations, 4 body contacts in the lake.

In the month of February there were 15 patrol observations. Park Rangers responded to 15 calls for service, and handled 14 customer service issues. There was one medical response that required transport and 4 disturbances with one requiring response from Ventura County Sheriff's Office. There were no unattended fires, 5 traffic violations, 3 restricted area violations resulting in 1 citation, 1 boating violation, 2 leash law violations, and 3 body contacts in the lake.

Revenue Reporting

The 2018/2019 unaudited monthly revenue figures will be reported when made available in the respective months (operations, concessions, Water Adventure, etc.) per the District's Financial Summary generated by the Finance Manager.



CASITAS MUNICIPAL WATER DISTRICT

MINUTES Recreation Committee

DATE: April 2, 2019
TO: Board of Directors
FROM: General Manager, Michael Flood
Re: Recreation Committee Meeting of April 2, 2019, at 1000 hours.

RECOMMENDATION:

It is recommended that the Board of Directors receive and file this report.

BACKGROUND AND OVERVIEW:

1. **Roll Call.**
Director Brian Brennan
Director Angelo Spandrio
General Manager, Michael Flood
Park Services Manager, Carol Belser
Division Officer, Joe Evans
Engineering Manager, Julia Aranda
2. **Public Comments.** None.
3. **Board/Management comments.**
PSM Belser announced the details of the upcoming Kid's Fishing Day at the Lake Casitas Recreation Area (LCRA).
4. **Presentation by Save the Lake**
Max Escamilla provided a PowerPoint presentation for the Committee. Topics included a Kid's Fishing Day, Trash Cleanup Day(s) at the LCRA, supplemental fish stocking and enhancement of fish habitat at the LCRA.

Director Spandrio made comments regarding fish plants, fish habitat, and an updated LCRA fish management plan.

Director Brennan asked PSM Belser to put together a budget, plan and timeline for an updated fish management plan. He also made comments about more LCRA events and free admission for volunteers on trash cleanup days.

PSM Belser indicated that the next fish plant is coming from the Jess Ranch hatchery and that she will bring back ideas on additional events and schedules.
5. **Review Monthly Recreation Report**
PM Belser and DO Evans gave an update on the activities at the LCRA.

Director Brennan commented that it appeared attendance was down for the month.
6. **Review and discussion regarding the Recreation Department Budget and Organization Chart.**
PSM Belser provided a handout regarding this item. She covered areas of revenue, depreciation and the administrative overhead burden.

GM Flood indicated that work was being done by the Finance Committee to review the administrative overhead burden and that adjustment to the LCRA fee schedule may be needed in

the future which would come back to this committee for review and consideration.

7. **Informational presentation on the proposed Lake Casitas Recreation Area Sewer Implementation.**

EM Aranda provided comments as to the planned study that is currently part of the proposed FY 2020 budget. Topics included were costs, possible connection points and coordination with the Ojai Valley Sanitation District.

EM Aranda indicated that the results of the study would include an implementation schedule.

Director Brennan commented that water and sewer pipelines might be part of the same project.

Director Spandrio indicated he was interested in how to get the sewer project started.

8. **Director Request: Discussion regarding the potential to hold a customer appreciation day at Lake Casitas Recreation Area.**

Director Spandrio indicated that he was interested in the subject of providing Casitas water customers with an appreciation event at the LCRA. Topics covered included timing, costs, budgeting, discounted fees, and advertisement of the event.

Director Brennan indicated that he believed internal staff could handle the event including advertisement and that issues of cost should be factored in. Additionally, community organizations should be invited to present information at the event.

GM Flood asked questions about the targeted customer, how they would identify themselves and what role wholesale customers would play.

PSM Belser indicated that it should be done in November and that LCRA staff could plan the whole event.

The Committee asked that staff study this and bring back more information in the future.

9. **Review of Incidents and Comments**

Division Officer Evans presented the incident statistics for March 2019.

Director Brennan asked if body contact signage was printed in both English and Spanish and commented that an additional water-related recreation area might be feasible.

MEMORANDUM

TO: Board of Directors
From: Michael L. Flood, General Manager
RE: **HR Manager Recruitment Status Update**
Date: April 3, 2019

RECOMMENDATION:

No recommendation at this time.

BACKGROUND:

The Casitas Municipal Water District engaged Roberts Consulting Group for recruitment of a Human Resources Manager in January 2019.

Roberts Consulting Group in conjunction with Casitas Staff, put together a recruitment brochure and advertised the recruitment during the months of February and March 2019.

The recruitment closed on March 18, 2019.

DISCUSSION:

Valerie Roberts of Roberts Consulting Group met with District Staff on April 1, 2019 to review the recommended candidates for this recruitment.

Candidates for interviews were identified and interviews will be conducted on Monday, April 22nd, 2019.



Consumption Report

Water Sales FY 2018-2019 (Acre-Feet)

Classification	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Month to Date		
													2018 / 2019	2017 / 2018	
													Total	Total	
AD Ag-Domestic	442	411	363	355	227	66	36	14						1,914	2,873
AG Ag	341	290	229	236	165	41	32	9						1,341	2,030
C Commercial	119	118	103	82	60	36	24	21						563	659
DI Interdepartmental	40	25	9	5	3	1	2	3						88	60
F fire	0	0	0	0	0	0	0	0						0	0
I Industrial	2	1	1	2	1	1	2	3						13	10
OT Other	26	23	23	18	13	5	4	5						118	192
R Residential	261	260	244	220	194	113	95	78						1,464	1,686
RS - P Resale Pumped	113	115	109	99	79	44	299	6						864	385
RS - G Resale Gravity	341	250	199	283	276	110	79	86						1,624	1,467
TE Temporary	2	2	2	1	23	0	0	0						31	14
Total	1,686	1,495	1,282	1,302	1,041	418	572	224	0	0	0	0		8,020	9,376
CMWD	1,512	1,320	1,115	1,146	907	341	509	170							
OJAI	174	175	167	156	134	77	63	54							
Total 2017 / 2018	1,355	1,185	1,608	1,628	1,026	1,085	592	898	384	815	1,078	1,200		N/A	12,853

1,000

**CASITAS MUNICIPAL WATER DISTRICT
TREASURER'S MONTHLY REPORT OF INVESTMENTS
04/03/19**

Type of Invest	Institution	CUSIP	Date of Maturity	Original Cost	Current Mkt Value	Rate of Interest	Date of Deposit	% of Portfolio	Days to Maturity
*TB	US Treasury Inflation Index NTS	912828MF4	1/15/2020	\$1,041,021	\$1,173,868	1.375%	11/18/2015	5.77%	282
*TB	Federal Home Loan Bank	3130A0EN6	12/10/2021	\$547,735	\$506,300	2.875%	5/9/2016	2.49%	967
*TB	Federal Home Loan Bank	3130AIXJ2	6/14/2024	\$941,144	\$865,804	2.875%	8/2/2016	4.26%	1871
*TB	Federal Home Loan Bank	3130A3DL5	9/8/2023	\$1,587,180	\$1,501,095	2.375%	10/13/2016	7.38%	1595
*TB	Federal Home Loan Bank	3130A5R35	6/13/2025	\$773,773	\$731,252	2.875%	2/19/2016	3.60%	2230
*TB	Federal Home Loan Bank	3130A5VW6	7/10/2025	\$1,025,110	\$1,009,020	2.700%	5/10/2017	4.96%	2257
*TB	Federal Home Loan Bank	3130ADNW8	2/14/2020	\$998,230	\$1,002,000	3.400%	1/16/2013	4.93%	311
*TB	Federal National Assn	31315P2J7	5/1/2024	\$809,970	\$754,022	3.300%	5/25/2016	3.71%	1828
*TB	Farmer MAC	31315PYF0	5/2/2028	\$512,355	\$503,415	2.925%	11/20/2017	2.48%	3269
*TB	Federal Farm CR Bank	31331VWN2	4/13/2026	\$940,311	\$842,885	5.400%	5/9/2016	4.15%	2530
*TB	Federal Home Loan Bank	313379EE5	6/14/2019	\$1,393,598	\$1,347,813	1.625%	10/3/2012	6.63%	71
*TB	Federal Home Loan Bank	313383YJ4	9/8/2023	\$476,582	\$433,393	3.375%	7/14/2016	2.13%	1595
*TB	Farmer MAC	3133EEPH7	2/12/2029	\$480,251	\$470,362	2.710%	11/20/2017	2.31%	3549
*TB	Federal Farm CR Bank	3133EFK71	3/9/2026	\$854,885	\$833,020	2.790%	3/28/2016	4.10%	2496
*TB	Federal Farm CR Bank	3133EFYH4	2/8/2027	\$1,016,100	\$985,120	3.000%	3/24/2016	4.85%	2825
*TB	Federal Farm CR Bank	3133EGWD3	9/29/2027	\$694,629	\$665,844	2.200%	11/17/2016	3.28%	3056
*TB	Federal Farm CR Bank	3133EGZW8	10/25/2024	\$833,918	\$816,387	1.980%	10/25/2016	4.02%	2002
*TB	Federal Home Loan Bank	3133XFKF2	6/11/2021	\$743,109	\$597,974	5.625%	9/8/2014	2.94%	788
*TB	Federal National Assn	3135G0K36	4/24/2026	\$2,532,940	\$2,433,325	2.125%	7/6/2010	11.97%	2541
*TB	Federal National Assn	3135G0ZR7	9/6/2024	\$1,488,050	\$1,412,800	2.625%	5/25/2016	6.95%	1953
*TB	Federal Home Loan MTG Corp	3137EADB2	1/13/2022	\$683,584	\$664,644	2.375%	5/1/2016	3.27%	1000
*TB	US Treasury Note	912828WE6	11/15/2023	\$770,037	\$780,032	2.750%	12/13/2013	3.84%	1662
Total in Gov't Sec. (11-00-1055-00&1065)				\$21,144,514	\$20,330,375			99.98%	
Total Certificates of Deposit: (11.13506)				\$0	\$0			0.00%	
**	LAIF as of: (11-00-1050-00)		N/A	\$464	\$464	2.79%	Estimated	0.00%	
***	COVI as of: (11-00-1060-00)		N/A	\$2,914	\$2,914	2.27%	Estimated	0.01%	
TOTAL FUNDS INVESTED				\$21,147,892	\$20,333,753			100.00%	
Total Funds Invested last report				\$21,147,892	\$20,196,202				
Total Funds Invested 1 Yr. Ago				\$21,081,539	\$20,192,593				
****	CASH IN BANK (11-00-1000-00) EST.			\$3,269,721	\$3,269,721				
	CASH IN Western Asset Money Market			\$44,296	\$44,296	0.30%			
TOTAL CASH & INVESTMENTS				\$24,461,909	\$23,647,769				
TOTAL CASH & INVESTMENTS 1 YR AGO				\$23,436,758	\$22,547,812				

- *CD CD - Certificate of Deposit
- *TB TB - Federal Treasury Bonds or Bills
- ** Local Agency Investment Fund
- *** County of Ventura Investment Fund
- Estimated interest rate, actual not due at present time.
- **** Cash in bank

No investments were made pursuant to subdivision (i) of Section 53601, Section 53601.1 and subdivision (i) Section 53635 of the Government Code.
All investments were made in accordance with the Treasurer's annual statement of investment policy.