JOSE G. SEPULVEDA
DBA
THE WASTEWATER GUYS, LLC

President – The wastewater Guys, LLC

34645 Bella Vista Drive Yucaipa, California 92399 | 760-791-2663 |

jose.1sepulveda@hotmail.com

7/13/2023

Karina Tiwana
Acting Board Chair
San Simeon Community Services District
111 Pico Avenue San Simeon, Ca. 93452

Attention; Karina Tiwana:

Cover Letter

Executive Summary of key personnel beginning with myself; Jose G. Sepulveda; Grade 4 wastewater treatment Plant operator with 33 years of experience as a wastewater treatment plant operator. Experience includes working with; Primary, Secondary and Tertiary Treatment, Oxidation Ditches, Bardenpho Process, Membrane Bio Reactors, Sand filters, Ultraviolet Disinfection, Chlorine Disinfection, Title 22 Reclaimed Water, Aerobic and Anaerobic Digesters. Experience working with small water treatment systems. Apart from working full time as the Process Control Supervisor for the City of San Bernardino, I also operate wastewater treatment plants as a State of California licensed contract operator (CO-0264).

I am the Chief Plant Operator of all the wastewater treatment plants that The Wastewater Guys, LLC operates and maintains. I am responsible for operating and maintaining the following wastewater treatment plants: Forest Home Christian Camp Wastewater Treatment Plant in Forest Falls, Ca., Holiday Inn Express Twentynine Palms Package Wastewater Treatment Plant, The Starlite Complex package wastewater treatment plant in Joshua Tree,

Ca. Please note that I have also been responsible for operating the following wastewater treatment plants; Desert Vista Village HOA in Yucca Valley which has recently been connected to the City of Yucca Valley sewer system. Lytle Creek North wastewater treatment plant at the San Bernardino County Special Districts which we have recently resubmitted a bid on, and we are awaiting to receive the results. I am the Project Manager for the Fairfield Inn and Suites Twentynine Palms plant retrofit project for the package wastewater treatment plant at Fairfield Inn and Suites in Twentynine Palms. The plant retrofit includes the installation of new seepage pits, new septic tank, new equalization tank, new airlift pumps, new aeration diffusers, new anoxic mixers, new sludge holding tank, new PLC and SCADA installation. Cell # (760) 791-2663, email address; jose.1sepulveda@hotmail.com

Donny Tran is part of our team of professionals and works directly with The Wastewater Guys, LLC as a s as a certified T2 Water Treatment and D5 water distribution operator. Donny specializes in Water Treatment as a Water Treatment 2 Operator, and Water Distribution 5 Operator. Donny specializes in Electrical, PLC, Industrial Controls, SCADA (Supervisory Control And Data Acquisition) programmer, Pumps and Motors (or The Wastewater Guys, LLC. Donny Tran was previously employed at Eastern Municipal Water District in Temecula, Ca. as an electrician, PLC/SCADA programmer from from 2019 to 2023. Donny owns his business which is SW Industrial Controls.

Donny is part of the team of professionals working with The Wastewater Guys, LLC to provide support at the Holiday Inn Express Package Wastewater Treatment Plant Twentynine Palms which is being operated and maintained by The Wastewater Guys, LLC. Donny has performed the re-wiring of the main electrical panel to one of the plants. The installation of a Dissolved Oxygen probe to control the aeration blowers while maintaining compliance with total nitrogen as (N) in the effluent. The installation of a new PLC and PLC programming, SCADA programming and alarm notification call out system.

Donny is part of the Team of professionals working with The Wastewater Guys, LLC. by performing the task of retrofitting the Fairfield Inn and Suites Twentynine Palms package wastewater treatment plant from the ground up. This project is in the initial phase and requires the replacement of all the aeration piping, aeration diffuser replacement, airlift pumps and anoxic mixers replacement and wiring, electrical conduit replacement and installation of

new wiring panels, VFD's, PLC and SCADA programming, replacement of pumps and motors and re-wiring these, the coating of the plant tanks with epoxy for rust control. Installation of new sludge holding tank and equalization tank. Cell # (858) 717-9678, email address; donnytran85@gmail.com

Jason E. Sepulveda Grade 2 wastewater treatment plant operator works in the capacity of plant operator for The Wastewater Guys, LLC. Jason holds a full-time job at Eastern Municipal Water District in Temecula, Ca. Jason has been employed with EMWD for over 4 years as a wastewater treatment plant operator. Jason works in the capacity of Grade 2 wastewater treatment plant operator at all of the wastewater treatment plants which includes the following plants: Forest Home Christian Camp wastewater Treatment Plant in Forest Falls, Holiday Inn Express Twentynine Palms Wastewater Treatment Plant. Please note that Desert Vista Village HOA has recently been connected to the City of Yucca Valley sewer system. Lytle Creek North wastewater Treatment Plant at the San Bernardino County Special Districts facilities has been rebid and we are awaiting to receive the results. Cell # (831) 206-1250, email address: jason.vevo@hotmail.com

Armando Aguilar is part of our team of professionals and works directly with The Wastewater Guys, LLC as a certified T5 water treatment, D5 water distribution, G3 wastewater treatment plant operator. Armando possesses the following licenses: Water Treatment 5, Water Distribution 5, Wastewater Treatment Grade 3. Armando works in the capacity of consultant and operator on an as needed basis for The Wastewater Guys, LLC. Armando holds a full-time position job working at the City of Inglewood and has been employed by the City of Inglewood since 2017. Cell Phone number (909)—586-0238, email address; aaguilar@cityofinglewood.org

Statement of Qualifications:

The Wastewater Guys, LLC has been providing contract operations and maintenance wastewater treatment services for 2 years to the following clients: Forest Home Christian Camp Forest Falls, Ca., Holiday Inn Express Twentynine Palms, Ca., Fairfield Inn and Suites Twentynine Palms, Ca. Desert Vista Village HOA wastewater package treatment plant Yucca Valley which has recently been connected to the City of Yucca Valley sewer system. The Wastewater Guys, LLC served in the capacity of contract operator at the San Bernardino County Special Districts for 1 year at the Lytle Creek North wastewater Treatment Plant performing weekend coverage. The Wastewater Guys, LLC is awaiting bid results for the next years contract.

The Wastewater Guys, LLC is responsible collecting samples and ensuring that all required tests are performed per the plant Discharge Monitoring Prograsm. The Wastewater Guys, LLC is responsible for submitting the Self-Monitoring Reports to the State Water Resources Control Board and working with the State regulators to ensure that the plant effluent is maintained within the compliance limits.

Work Plan and Costs

The Wastewater Guys, LLC is pleased to offer San Simeon Community Service District a bid to operate and maintain the wastewater treatment plant and water system. Examples of the duties that The Wastewater Guys, LLC will perform if awarded this contract include but are not limited to the following:

1. Provide facility preventative and corrective maintenance and repair and day-to-day operation, and recommendations for improvements in accordance with state regulations including testing and reporting.
2. Provide emergency response for public safety and environmental protection, after hours, on weekends, and holidays as necessary. The prospective consultant's firm will respond to calls regarding facility emergencies within (60) minutes, and if necessary be able to physically report to the District within sixty (60) minutes.
3. Provide on-site staff eight (8) hours per day, on multiple days per week as needed.
4. Collect and analyze samples for operational testing and reporting as required for governmental reporting.
5. Purchase and maintain an inventory of chemicals routinely used in the operation of the facility to be stored on-site in compliance with CalOSHA standards.
6. Dispose of water and wastewater sludge and byproducts in a manner approved by State regulations.
7. Assist the District General Manager and staff with billings and collect payment from customers for water consumption and sewage disposal in accord with the current rate structure.

   The plan is to keep the current staff if they should desire to stay and get hired on with The Wastewater Guys, LLC.
   The above tasks will be performed by key personnel, Jason Sepulveda, Armando Aguilar, Donny Tran, and Jose Sepulveda.
   If the contract is awarded to The Wastewater Guys, LLC, Jose Sepulveda will take this job as a full time job at San Simeon CSD water and wastewater treatment plants. Jose will retire from his current employment with the City of San Bernardino Municipal Water Department. Jose will be the first contact person on the call out list for all after hour call outs at the water and wastewater treatment plant. The plan is to hire 3 full time water and wastewater licensed operators to work at the water and wastewater treatment plants. The coverage for the plant will be 8 hours per day 7:00 AM to 3:30 PM Monday through Friday including weekends. Two employees will work a 40-Hour work week 5 days per week, 8 Hours per Day Tuesday through Saturday. One employee will work a 40-Hour work week, 5 days per week, 8 Hours per Day Sunday through Thursday. This work schedule will rotate every month to allow employees to have Saturdays off. Call Outs will be paid 2.0 Hour minimum at time and half.
   The after-hours auto dialer will notify the on-call operator of an alarm at the wastewater treatment plant, and this will require that the on-call operator acknowledge the alarm within the 60-minute response time.

Sincerely,

Jose G. Sepulveda
dba
The Wastewater Guys, LLC

JOSE G. SEPULVEDA

President – The wastewater Guys, LLC

34645 Bella Vista Drive Yucaipa, California 92399 | 760-791-2663 | jose.1sepulveda@hotmail.com

7/13/2023

Karina Tiwana
Acting Board Chair
San Simeon Community Services District
111 Pico Avenue San Simeon, Ca. 93452

Attention; Karina Tiwana:

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3. Provide on-site staff eight (8) hours per day, on multiple days per week as needed.
4. Collect and analyze samples for operational testing and reporting as required for governmental reporting.
5. Purchase and maintain an inventory of chemicals routinely used in the operation of the facility to be stored on-site in compliance with CalOSHA standards.
6. Dispose of water and wastewater sludge and byproducts in a manner approved by State regulations.

7. Assist the District General Manager and staff with billings and collect payment from customers for water consumption and sewage disposal in accord with the current rate structure.

The plan is to keep the current staff if they should desire to stay and get hired on with The Wastewater Guys, LLC.
The above tasks will be performed by key personnel, Jason Sepulveda, Armando Aguilar, Donny Tran, and Jose Sepulveda.
If the contract is awarded to The Wastewater Guys, LLC, Jose Sepulveda will take this job as a full time job at San Simeon CSD water and wastewater treatment plants. Jose will retire from his current employment with the City of San Bernardino Municipal Water Department. Jose will be the first contact person on the call out list for all after hour call outs at the water and wastewater treatment plant. The plan is to hire 3 full time water and wastewater licensed operators to work at the water and wastewater treatment plants. The coverage for the plant will be 8 hours per day 7:00 AM to 3:30 PM Monday through Friday including weekends. Two employees will work a 40-Hour work week 5 days per week, 8 Hours per Day Tuesday through Saturday. One employee will work a 40-Hour work week, 5 days per week, 8 Hours per Day Sunday through Thursday. This work schedule will rotate every month to allow employees to have Saturdays off.
Call Outs will be paid 2.0 Hour minimum at time and half.
The after-hours auto dialer will notify the on-call operator of an alarm at the wastewater treatment plant, and this will require that the on-call operator acknowledge the alarm within the 60-minute response time.

The Wastewater Guys, LLC bid to operate and maintain the San Simeon Community Service District's Water and Wastewater Treatment Plants is $472,160.00

Sincerely,

Jose G. Sepulveda

dba

The Wastewater Guys, LLC

Fernando Mata
Wastewater Utility Manager
City of Redlands
July 12, 2023

To Whom It May Concern,

I am writing to highly recommend Jose Sepulveda for any professional services or opportunities that may come his way. As the Wastewater Utility Manager at City of Redlands, I have had the pleasure of closely working with Jose on various projects, and I have consistently been impressed with his dedication, expertise, and problem-solving abilities.

One of the notable achievements that I would like to highlight is Jose's outstanding performance in overseeing the digester cleaning project in-house. Under his leadership, the project was executed flawlessly, resulting in a thorough and successful cleaning of the digester. His meticulous planning and attention to detail ensured that the project was completed within the designated timeframe while adhering to the highest standards of quality.

Furthermore, Jose played a crucial role in executing the Title 22 Recycled Water permit. This significant undertaking involved the installation of a diversion actuator and bypass pipe on the discharge of the membrane bioreactor and the chlorine contact tank. Jose expertly managed the project and implemented measures to maintain water quality parameters, such as modal contact time and desired turbidity. His proactive approach and problem-solving skills ensured that potential challenges were effectively addressed, enabling the smooth operation of the system.

Additionally, Jose's expertise extended to the installation of a drainpipe to the degasification ponds, which allowed for the dissipation of ammonia before reintroducing the centrate back to the influent of the wastewater treatment plant. By repurposing the supernatant degasification ponds to manage the centrate from the sludge dewatering process, he successfully mitigated the ammonia shock load. His innovative thinking and ability to optimize existing resources showcased his exceptional talent in finding practical and sustainable solutions.

Moreover, Jose collaborated closely with the City's integrator to develop an alarm system that efficiently identifies and communicates abnormal or emergency conditions to standby wastewater personnel. His contribution in designing and implementing the system ensured timely responses to critical situations. With his involvement, an Alarm Summary pop-up screen was incorporated into the SCADA system, providing a comprehensive list of alarms and their associated conditions.

In conclusion, I wholeheartedly recommend Jose Sepulveda for any position/project that requires a dedicated and knowledgeable professional. His exceptional skills in project management, problem-solving, and system optimization make him an invaluable asset to any team/project.

Should you have any further inquiries, please do not hesitate to reach out to me.

Sincerely,

Fernando Mata | *Wastewater Utility Manager* | **M:** 909-841-3142 *F.Mata*

Two - Nine Hospitality Inc.

17871 Park Plaza Dr, 225
Cerritos, California 90703

Telephone: 562-412-1307
Fax 562-402-2240

June 18, 2023

To whom it may concern,

Jose Sepulveda dba The Wastewater Guys, LLC has been successfully maintaining and working towards troubleshooting water board compliance issues for the hotel's 10,000 gallons per day wastewater treatment plant since Jan 2022. His firm is extremely knowledgeable and very good at solving mechanical issues.

Plant location:
Holiday Inn Express, 29 palms, ca

Mr. Peter Bhakta
Peter@phmgrs.com

If you have any questions please call me at 562-412-1307

Sincerely,

Peter Bhakta
Two-Nine Hospitality Inc.

5270 California Ave, Ste 200
Irvine, CA 92617, USA
TOLL FREE: + 1 888 669 2588
TEL: +1 410 625 3770

To Whom it May Concern:

This letter is my official recommendation for The Wastewater Guys, LLC as your plant operator. I am the CEO and founder of BDP EnviroTech LLC, a game-changing wastewater treatment process development We have been working with Water Guys LLC, offering our clients a total solution from design build to operations and the experience we have had has always been very positive.

BDP has installed 65 full scale projects worldwide in the past 10 years, 6 of which are in California. BDP has received special grants from California Energy Commission and the Stare Water Quality Control Board. The technology is also introduced by US EPA. Validated by Institute of Marine Environmental Technology in Maryland, and French National Academy of Science.

We found that The Wastewater Guys, LLC's professional and refined approach makes their work much more valuable to clients. Should you have any question, please feel free to contact me at 949-324-7005 or ericli@bdpenvirotech.com.

Sincerely,

Eric Li

CEO and Founder

BDP EnviroTech LL

LETTER OF RECOMMENDATION

For THE WASTEWATER GUYS, LLC

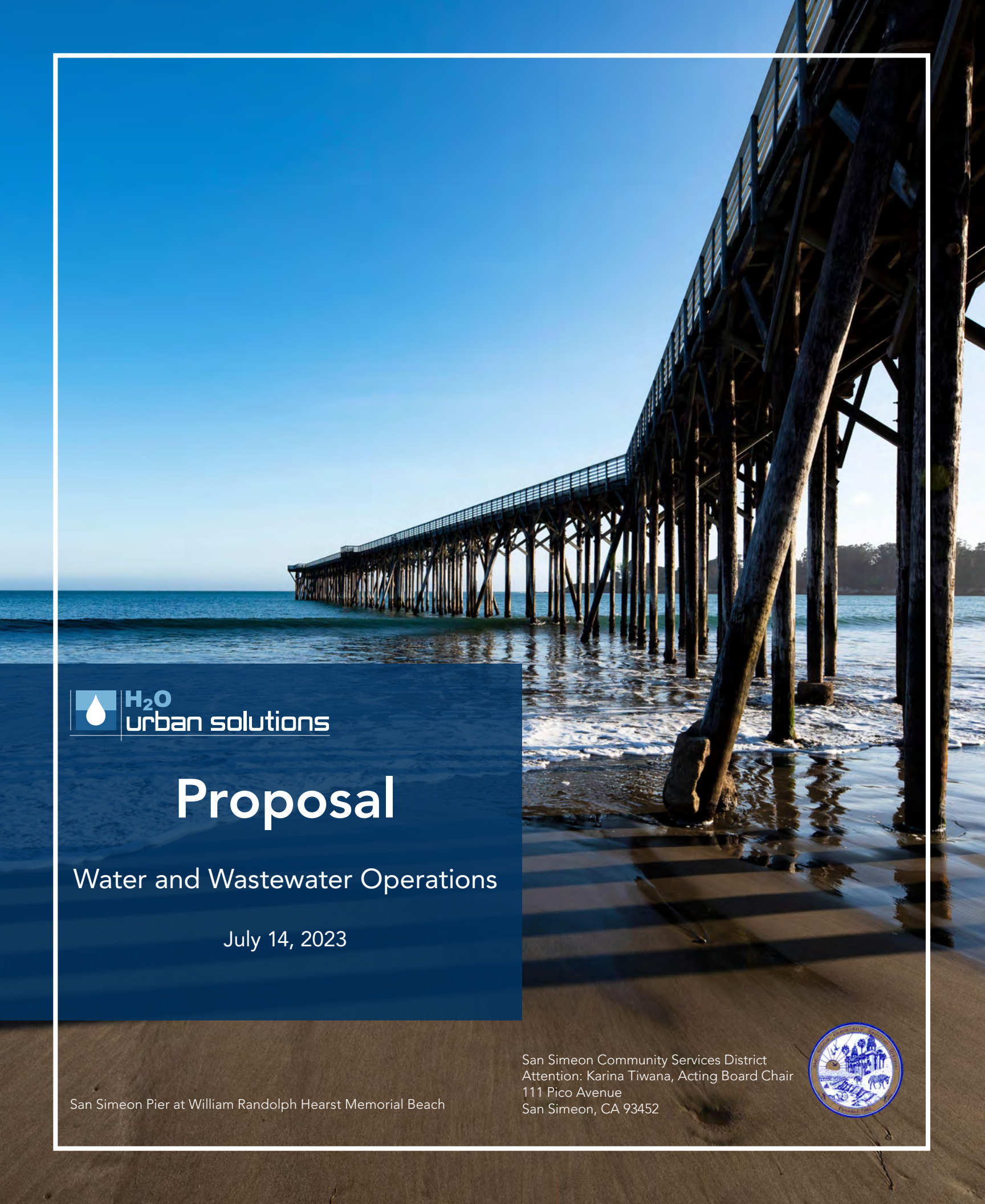
RANDY MIRANDA
Area Managing Director
HIGHGATE.COM
O: **(661) 947-4100** M: **(661) 618-8950**

To whom it may concern,

I personally worked with Jose Sepulveda from The Wastewater Guys, LLC at the FAIRFIELD INN AND SUITES Twentynine Palms, Ca. which was being managed by Highgate Holdings. I can attest to The Wastewater Guys, LLC as being a professional company that has integrity and is dedicated to ensuring that their client's needs are satisfied above their expectations. Jose Sepulveda is the Chief Plant Operator for the wastewater treatment plant and he was faced with inheriting a plant that had not been operated properly and as a result required for the State Water Board to intervene. Jose is working diligently with the State Water Board by ensuring that the plant retrofit and seepage pit installation goes smoothly. This project required for the hiring of John N Yaroslaski PE Ensitu Engineering Inc. 7475 Carmelita Ave. Atascadero, Ca. 93422 Tel: (805) 772-0150 Cell (805) 857-2570 Email Address jyaroslaski@ensitu.com
Jose is working with John to ensure that the plant gets retrofitted as needed so that it achieves compliance on a continuous basis as required by the State Water Board compliance limits.
I have full confidence that you will be satisfied with your decision to hire The Wastewater Guys, LLC as your preferred choice. Please do not hesitate to contact me if you should have any questions.

Sincerely, Randy Miranda

RANDY MIRANDA
Area Managing Director
HIGHGATE.COM
O: **(661) 947-4100** M: **(661) 618-8950**



H2O urban solutions

Proposal

Water and Wastewater Operations

July 14, 2023

San Simeon Pier at William Randolph Hearst Memorial Beach

San Simeon Community Services District
Attention: Karina Tiwana, Acting Board Chair
111 Pico Avenue
San Simeon, CA 93452

Rocky shore and sandy beach at San Simeon Cove

July 14, 2023

San Simeon CSD
Karina Tiwana
Acting Board Chair
111 Pico Avenue
San Simeon, CA 93452

Regarding: Statement of Qualifications For Water and Wastewater Operations Services for the San Simon Community Services District

Dear Ms. Tiwana,

We are pleased to present you with this proposal for your District's Water & Wastewater System Operation & Maintenance Services opportunity. I personally will serve as the Principal in Charge during this project. I believe you will see that we are very well qualified and provide the best choice for the services the District is seeking.

You will see in the proposal that we have put together a strong team of operators and support staff in the area to service this contract. Most important is we visited the District and spent 2 separate days with existing staff to understand the needs and environment of this coastal community. You will see we already work with smaller communities with the challenges that come with them. Keeping knowledge within the District and staff of a small system is difficult but critical in efficiently operating the facilities and system. We are pleased to be able to retain 2 key staff for ongoing and continuation of services through the transition from the existing contract operations company to H2Ou if we are successful in being awarded this contract. Both of the existing operators, Steve Orellana, lead water and wastewater operator, as well as Omar Catalan, Operator in Training (OIT) for the wastewater system and is local to the community and whose mother we met at the local café in town during our site visits will help us support the services and transition. We will be able to supplement their services with the support of several key personnel to assist in the responsibilities and allow for coverage in the event of emergencies and to help with the rotation of on call and weekend support. Mr. Scott Myers, Mr. Patrick Trevino will oversee and supervise the operators and support them in those efforts.

Statement:

"H2O Urban Solutions understands the work to be performed for the services and all its obligations.

We are committed to providing the high quality services and earn your trust and respect to continue those services at a value our clients appreciate."

One other advantage to keep in mind when selecting the contract operations firm is the fact that H2O Urban Solutions is more than an operations company. H2Ou is able to optionally support the roles and responsibilities if needed very efficiently as District Engineer or to assist with planning, funding and grant opportunities, design, construction, etc. because of our additional expertise and services we provide. Please reach out to Kim Gustafson, General Manager, and Barbara Brenner, Legal Counsel Brenner White LLP, both in support of Grizzly Flats CSD whom we have been servicing since 2016 and earlier for many years. Since we become intimately familiar with the water and wastewater system as part of the operations services and oversight by Mr. Myers, the knowledge and workings of the system can be incorporated with minimal effort and costs to provide engineering services.

H2Ou is a woman owned and small business in California specializing in water & wastewater systems and services providing engineering, construction management, inspection, and contract operations. Our staff is made up of licensed engineers, licensed water & wastewater operators, and other specialties in the water resources industry, most having more than 20+ years of experience each in their respective areas of water expertise. We offer value-based services that are centered on our clients' needs, providing reasonable, reliable, and cost-effective solutions.

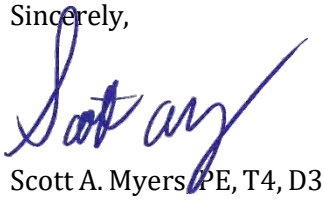
H2Ou understands the work to be performed for this proposal since we provide services similar to your system and have been providing them to other systems for many years. We are committed to perform the work and developing a long-term relationship that benefits both Companies. We hope to support the work with such success and professionalism that we will earn the privilege and respect of the District.

In addition to the required services for this proposal, H2Ou could support additional efforts for San Simeon CSD in its vision for growth and future services your District and Company continues to develop. With our understanding and knowledge that comes with operating the water and wastewater system, we can see solutions and opportunities others would not and offer a value that would be more efficient and economical compared to contracting and managing these services through separate companies.

Be assured that the H2Ou team is fully committed to delivering the operation and maintenance services for the District. The H2Ou team is available to provide a presentation or appear for an interview if you or your Board would like to personally meet our team members in support of this proposal.

As a small business, every client is important to us. We appreciate the opportunity to provide you with our services. Should you have any questions or require additional information, please contact me at (916) 869-4957 or at scott@H2Ourban.com.

Sincerely,



Scott A. Myers, PE, T4, D3
Vice President / Founder

Statement of Qualifications
For
Water and Wastewater Operations Services
for the

San Simon Community Services District

July 14, 2023

Prepared by:

P.O. Box 551310
South Lake Tahoe, CA 96155
(916) 869-4957

Table of Contents

Rocky shore and sandy beach at San Simeon Cove

Statement of Qualifications

H2O Urban Solutions, Inc. (H2Ou) understands and knows water supply and wastewater systems. Our company was named specifically to convey to our customers that we understand water resources and provide appropriate and specific solutions to our Water Resources clients. The owners of the company have dedicated their careers in the water resources industry, Mr. Scott Myers has over 30 years' experience. Mr. Myers has worked for Public and Private Water Agencies in California as employees in his career as well as contract work with long term relationships providing operations, engineering design, construction services, etc.

H2O Urban Solutions, Inc. (H2Ou) is a highly experienced and knowledgeable firm specializing in water supply and wastewater systems. With a strong emphasis on providing tailored and effective solutions to our Water Resources clients, our company has built a reputation for understanding the intricacies of water resources and delivering exceptional results. Our team consists of industry experts, including Mr. Scott Myers, who possesses over 30 years of experience in the water resources industry. Mr. Myers has worked extensively with both public and private water agencies in California, gaining valuable expertise in operations, engineering design, construction services, and more.

H2O Urban Solutions Services
✓ Operation & Maintenance Services
✓ District Engineering Services
✓ Design Engineering
✓ Project Management
✓ Construction Management
✓ Construction Inspection
✓ Permitting and Regulatory Compliance
✓ Planning Studies
✓ Hydraulic Modeling

Water & Wastewater System Operations

At H2Ou, we have a proven track record in operating water systems, stormwater pump stations, and wastewater systems. Our comprehensive understanding encompasses groundwater wells, planning, designing, construction support, rehabilitation, startup, and commissioning of water and wastewater facilities across various regions in California, including the Central Valley, Coastal Communities, Northern, and Southern California. We are well-versed in the operations of water and wastewater treatment plants, booster pump/lift stations, flow and pressure control valve facilities, water distribution and transmission mains, and sanitary sewer collection systems. Whether it involves replacements, repairs, upgrades, or meter retrofits due to aging infrastructure or substandard installations, we have successfully completed hundreds of projects in planning, design, construction management, construction inspection, startup and commissioning, and contract operations.

We understand the importance of retaining institutional knowledge and history within the District for ongoing and uninterrupted operations. That's why we are excited to have discussed and retain both Steve Orellana, the lead water and wastewater operator, as the chief plant operator (CPO) for both wastewater and water treatment and distribution operations as well as Omar Catalan, in a continued role as a wastewater operator in training (OIT) with the intention he will be able to obtain both his water treatment and distribution operator licenses and ongoing growth and mentorship within H2Ou. Steve's experience and expertise will ensure the smooth continuity of operations and prevent any loss of critical knowledge.

Recognizing the diverse range of Water & Wastewater Districts, we understand that different districts have different needs and available resources. We have worked with Large, Medium, and Small Districts, including disadvantaged communities, and are well-versed in the unique challenges each type of district faces. Large agencies typically have ample resources,

specialized departments, and consultants to fulfill their requirements. Conversely, Small & Medium Districts often operate with limited budgets and personnel, making it crucial to provide comprehensive services efficiently. Our expertise in wearing many different "hats" and efficiently handling multidisciplinary responsibilities allows us to thrive in such environments. We have developed close relationships with customers in small and medium-sized districts, providing them with exceptional service and value through our streamlined staffing approach.

One of the key advantages of working with H2Ou is our streamlined decision-making process. Unlike organizations with layers of management, our clients have direct access to decision-makers who can promptly address emergencies, challenges, issues, or new requests. Mr. Myers, one of the two owners of H2Ou, are readily available and responsive to client needs. Our commitment to fostering strong relationships with our clients and delivering services to the highest standards sets us apart.

H2Ou Water Operators are provided the necessary tools and equipment to monitor water quality in the field to ensure the water is safe to drink and meets regulatory requirements.

In terms of water and wastewater system operations, H2Ou has conducted a comprehensive assessment of the San Simeon Community Services District. As a Small District with limited resources, we understand the specific demands and challenges associated with the system and facilities. Our approach to daily operations at San Simeon Community Services District aligns with our successful management of the Grizzly Flats Community Services District (GFCSD) near Placerville, CA. GFCSD is a small, disadvantaged community similar in size and resources to San Simeon. Our involvement with GFCSD has made us an integral part of their team and community.

The daily operation of the domestic potable water system entails various essential requirements. At H2Ou, we are committed to consistently supporting the production and treatment of safe and reliable drinking water for customers. We ensure efficient operation and maintenance of the water system infrastructure throughout the year, conduct required water quality testing and monitoring, collect water meter readings, respond to customer complaints or inquiries, and provide turn-off or turn-on services as needed. Moreover, we offer 24/7 on-call and emergency support, maintain regular communication with the General Manager and Staff, and provide additional services for roads and street lighting.

In addition to these typical requirements, we excel in handling the additional responsibilities and challenges associated with operating a small water system. This includes planned capital improvements, unscheduled maintenance and repairs, regular and preventative maintenance activities, system flushing, valve exercising and maintenance, meter testing and repairs, leak detection, water system audits, inspections of water storage tanks or hydropneumatics tanks, SCADA and communication equipment testing, marking of utilities for construction, backflow testing compliance, lead and copper testing, asbestos testing, annual reporting to regulatory agencies, inspections by regulators, compliance with new regulatory requirements, and any other emerging tasks specific to the system.

At H2O Urban Solutions, we possess the expertise, experience, and dedication required to fulfill the specific tasks outlined in the scope of work for this RFP. Our in-depth understanding of water supply and wastewater systems, combined with our ability to adapt to different district sizes and provide efficient and effective services, positions us as the ideal consultant for the proposed project. We are committed to delivering the highest level of service and value to the San Simeon Community Services District.

Insurance

H2O Urban Solutions has full coverage for contract operation services and employees with workers compensation. We maintain $5,000,000 liability coverage for both commercial liability as well as professional liability, and $1,000,000 liability coverage for workers compensation and commercial automobile liability. Please find a copy of a certificate of insurance provided to the California Contractor State License Board (CSLB) showing coverage policies. H2Ou currently meets or exceed all but one of the the insurance requirements and coverages set by the San Simeon CSD's contract for the proposed services shown in the RFP requiring $2,000,000 for comprehensive general liability of which H2Ou provides $5,000,000 in coverage. The workers compensation and employers liability coverage is currently at $1,000,000. H2Ou's policy renewal date is upcoming on 8/31/2023 and if successful in the award of this contract, H2Ou will provide the additional coverage through an umbrella policy to meet the $2,000,000 employers liability. Since H2Ou provides professional services in engineering, we also maintain $5,000,000 in professional liability coverage for our clients.

ACORD

H2OURBA-01 SUMMANR

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 6/22/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER License # 0E67768
IOA Insurance Services
3875 Hopyard Road
Suite 200
Pleasanton, CA 94588

CONTACT NAME: Rita Summan
PHONE (A/C, No, Ext): (925) 416-7862 FAX (A/C, No):
E-MAIL ADDRESS: Rita.Summan@ioausa.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Crum & Forster Specialty Insurance Company	44520
INSURER B : Hartford Accident & Indemnity Company	22357
INSURER C : Hartford Casualty Insurance Company	29424
INSURER D :	
INSURER E :	
INSURER F :	

INSURED
H2O Urban Solutions dba H2O Plumbing Solutions
1513 Cree Street
South Lake Tahoe, CA 96150

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY						EACH OCCURRENCE	$ 5,000,000
	CLAIMS-MADE X OCCUR	X	X	EPK-140903	8/31/2022	8/31/2023	DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 50,000
							MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 5,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						GENERAL AGGREGATE	$ 5,000,000
	POLICY X PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 5,000,000
	OTHER:							$
B	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	X ANY AUTO						BODILY INJURY (Per person)	$
	OWNED AUTOS ONLY / SCHEDULED AUTOS	X	X	57UEGZM8053	8/31/2023	8/31/2024	BODILY INJURY (Per accident)	$
	HIRED AUTOS ONLY / NON-OWNED AUTOS ONLY						PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS-MADE						AGGREGATE	$
	DED RETENTION $							$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						X PER STATUTE OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N Y	N/A	X	57WEGZQ6543	8/31/2022	8/31/2023	E.L. EACH ACCIDENT	$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$ 1,000,000
							E.L. DISEASE - POLICY LIMIT	$ 1,000,000
A	Professional Liab.		X	EPK-140903	8/31/2022	8/31/2023	Per Claim	5,000,000
A	Professional Liab.		X	EPK-140903	8/31/2022	8/31/2023	Aggregate	5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
As required by Certificate Holder written contract or agreement, in-addition to (if applicable) the governing written contract or agreement: (1) Commercial General Liability policy shall include (a) additional insured coverage and contain (b) primary & non-contributory and (c) waiver of subrogation provisions for any additional insured; (2) to the extent applicable, Automobile Liability policy shall include (a) additional insured coverage and contain (b) primary & non-contributory and (c) waiver of subrogation provisions for any additional insured; (3) to the extent applicable, Workers Compensation and Employers' Liability policy shall include a waiver of subrogation provision; (4) Professional Liability policy shall apply on a claims-made basis and include a waiver of subrogation provision.

CERTIFICATE HOLDER
CSLB
9821 Business Park Dr.
Sacramento, CA 95827

CANCELLATION
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2016/03)

Rocky shore and sandy beach at San Simeon Cove

Work Plan & Costs

Routine Operations and Maintenance Services

H2Ou will furnish supervision and labor for the routine operation and maintenance of San Simeon Community Services District's water and wastewater facilities. Work shall be comprised of Operations and Maintenance on the water treatment plant up to and including a 350 GPH Reverse Osmosis unit, 2 ea. Canister filter units, daily chlorine residuals from the distribution system, maintenance on all fire hydrants system wide, all water sampling and reports as directed by DDW and or the operating permit, monthly meter reading and billing, road repair and street lighting.

Operations and Maintenance on 1 wastewater facility wastewater treatment plant, sampling and reports as directed by the operating permit and or SWRCB local primary agency.

Water & Wastewater System Operations – Water and wastewater treatment operations would include the treatment of water to meet drinking water standards for the water system and wastewater collections and treatment operations for the wastewater system. This will include meeting water system demands, monitoring water pressures, ensuring availability of fire flows, and providing desired and minimum chlorine residuals for the water system. For the wastewater system, this will include meeting the daily wastewater influent, monitoring discharge quality and parameters to meet required SWRCB permitting and ensure proper operation of treatment facility and processes. The Operator(s) will perform day to day tasks, including field observations for performance of all equipment, water quality sampling and field analysis for regulatory compliance and reporting, monitor storage and pond levels, water levels in tanks, chemical levels. The Operator will note any deficiencies and report them to the District.

Water distribution system operation includes operation and maintenance of the distribution system including pumps, tanks, water mains, valves, service lines, and fire hydrants to ensure the ability to deliver safe, reliable water to the District's customers. The Operator will respond to customer complaints, water quality issues, questions, etc.

Routine Preventative Maintenance – For smaller or typical routine maintenance activities, the Operator will perform these as part of their regular Operations. Parts, materials, supplies, will be either provided by the District or reimbursed separately as needed. It is assumed the District will maintain an adequate supply of spare parts and supplies for this type of work.

Reporting – The Operator will perform daily operations reports and inspection checklists, identifying facility and field conditions, deficiencies, outages, field water quality results, and equipment readings in accordance with Operations Manuals and Standard Operating Procedures or Directives.

The Operator will prepare required regulatory reports for compliance with State DDW or DWR, including meeting requirements to prepare the Consumer Confidence Report based on the most recent water quality data for each water source and within the water system being delivered to the Districts' customers.

Water Quality Sampling – The Operator will perform scheduled field water quality tests in accordance with DDW Permit requirements and report in accordance with the Reporting requirements above. The costs of analysis will be the District's responsibility. H2Ou will supply equipment for field testing. The Operator will be responsible for taking samples and delivering them to the Contract Analytical Laboratory unless the District has made other arrangements.

Meter Reading – The Operator will perform meter reading on a monthly basis or at the frequency required by the District in order to prepare billing for metered customers.

On-Call 24/7/365 – H2Ou will provide on-call water operations services and will be the primary responsibility for after hours, weekends, and holidays. The Operator will be available by phone if needed to answer questions from customers and provide troubleshooting suggestions for water service-related issues. The Operator will respond to the District for system alarms or issues reported by customers. Operators will try to optimize and reduce any nuisance alarms and try to resolve them for future events. Support for on-call availability will be part of the routine budget, however, call-outs and efforts to support emergencies, etc. will be handled on a budget item based on past experience and H2Ou will try to maintain that budget item as best as practical, however, this budget item may be subject to requesting increases based on actual events and conditions.

Administration Support – Part-time and or full-time clerical assistance with reports, billing, letters, mailing, web site maintenance, etc. as determined by the District. It is our understanding that billing will be performed by H2Ou on behalf of the District. H2Ou has the administrative staff to support this work and has previously supported billing on a temporary basis for other clients, recently Grizzly Flats CSD.

Non Routine Operations and Maintenance Services

H2Ou will support non routine operations and maintenance, such as leaks, scheduled or unscheduled repairs, new service lines, meter retrofit or replacements, capital improvements, emergencies, etc. If H2Ou cannot perform the work ourselves, we will coordinate, get quotes, schedule, oversee work, prepare documentation, update system maps, etc.

Unscheduled Maintenance and Oversight of Repairs – H2Ou can support responding to leaks, oversight of repairs, and other tasks that will require additional efforts, materials, supplies, equipment to support District Operations. These tasks are unpredictable, however, based on historical records, a reasonable annual budget can be established to support these tasks. Work required by a licensed Contractor would be contracted directly with the District and H2Ou's role would be to operate valves, shut down system or facilities, take necessary samples, observe, and inspect the work, document the work, support the review of invoices, etc. from the work performed by any outside licensed Contractors.

Emergency and Overtime – The Operator will respond and support the District's water system in the event of an emergency. A budget will be established and will be used for duties falling outside the normal working hours to support this contract. H2Ou will work with District staff to determine an appropriate budget for this task and will be billed on a time and material basis. If H2Ou is approaching the limit of this budget item, we will request and obtain written approval from the District's Board of Directors.

Asset Management, Capital Improvements, Special Projects – H2Ou has capabilities to support tasks and projects that can include items like hydrant flushing, valve exercising, directional flushing, fire hydrant retrofit, water meter calibration, leak detection surveys, capital improvement projects, etc. These tasks or services can be discussed and identified during negotiations of the operation contract or in the future during budget cycles, or if grant funding or other funding becomes available to support that type of work.

Detailed Work Plan and Approach

I. Provide facility preventative and corrective maintenance and repair and day-to-day operation, and recommendations for improvements in accordance with state regulations including testing and reporting.

- H2O Urban Solutions (H2Ou) will assign a team of experienced personnel to handle the facility maintenance and repair tasks.
- The team will conduct regular inspections and preventive maintenance to ensure the proper functioning of the water and wastewater facilities.
- Any corrective maintenance required will be promptly addressed to minimize downtime and ensure compliance with state regulations.
- H2Ou will provide recommendations for improvements based on industry best practices and technological advancements to enhance the efficiency and performance of the facilities.

II. Provide emergency response for public safety and environmental protection, after hours, on weekends, and holidays as necessary. The prospective consultant's firm will respond to calls regarding facility emergencies within sixty (60) minutes, and if necessary be able to physically report to the District within sixty (60) minutes.

- H2Ou will establish a dedicated emergency response team available 24/7 to promptly address facility emergencies.
- The team will respond to emergency calls within 60 minutes, providing immediate assistance and taking necessary actions to ensure public safety and environmental protection.
- H2Ou will maintain clear communication channels with the District to promptly report emergencies and coordinate response efforts.

III. Provide on-site staff eight (8) hours per day, on multiple days per week as needed.

- H2Ou will assign on-site staff to ensure continuous monitoring and operation of the water and wastewater facilities.
- The staff will work eight hours per day, as required by the District, and will adjust their schedules based on the operational needs.
- H2Ou will ensure that the assigned staff members are well-trained and possess the necessary qualifications to carry out their responsibilities effectively.

IV. Collect and analyze samples for operational testing and reporting as required for governmental reporting.

- H2Ou will conduct regular sample collection from the water and wastewater facilities as mandated by governmental regulations.
- The collected samples will be analyzed in accordance with the required testing parameters.
- H2Ou will prepare and submit comprehensive reports based on the sample analysis to ensure compliance with governmental reporting requirements.

V. Purchase and maintain an inventory of chemicals routinely used in the operation of the facility to be stored on-site in compliance with CalOSHA standards.

- H2Ou will procure and maintain an inventory of chemicals necessary for the operation of the water and wastewater facilities.
- The inventory will be stored on-site in compliance with CalOSHA standards to ensure safety and regulatory compliance.
- H2Ou will regularly monitor the inventory levels and replenish chemicals as needed to prevent any disruptions in facility operations.

VI. Dispose of water and wastewater sludge and byproducts in a manner approved by State regulations.

- H2Ou will manage the proper disposal of water and wastewater sludge and byproducts in accordance with State regulations.
- The company will ensure that the disposal methods used are environmentally sound and comply with all applicable regulations and permits.

VII. Assist the District General Manager and staff with billings and collect payment from customers for water consumption and sewage disposal in accord with the current rate structure.

- H2Ou will provide administrative support to assist the District General Manager and staff in billing customers for water consumption and sewage disposal.
- The company will ensure accurate billing based on the current rate structure and will actively pursue timely payment collection from customers.
- H2Ou will maintain transparent communication with the District to address any billing-related inquiries or issues promptly.

VIII. Perform turn-on and turn-off services directly related to the proper care and maintenance of the facility.

- H2Ou will handle turn-on and turn-off services required for the proper care and maintenance of the water and wastewater facilities.
- The company will ensure that these services are performed in a timely manner to support the overall operation and maintenance of the facilities.

IX. Respond to all collection system callouts to assess responsibility.

- H2Ou will promptly respond to all collection system callouts to assess responsibility for any issues or concerns.
- The company will conduct thorough investigations to determine the cause of the callouts and provide recommendations for resolution.
- H2Ou will work closely with the District to address any collection system-related challenges and ensure proper maintenance and operation.

X. Perform sewer collection cleaning annually and inspect and report on manholes needing repair.

- H2Ou will perform sewer collection cleaning on an annual basis to maintain the functionality and efficiency of the system.
- The company will also conduct inspections of manholes to identify any repairs needed and promptly report them to the District.
- H2Ou will provide detailed reports on the inspection findings, including recommendations for repairs or improvements.

XI. Perform semiannual street sweeping and regular system flushing through fire hydrants.

- H2Ou will conduct semiannual street sweeping to maintain cleanliness and prevent debris accumulation within the district.
- The company will also perform regular system flushing through fire hydrants to ensure the integrity and quality of the water distribution system.
- H2Ou will coordinate with the District to schedule these activities and minimize any disruptions to the community.

XII. Perform weed abatement as needed.

- H2Ou will perform weed abatement as needed within the district to maintain the aesthetics and safety of the facilities.
- The company will proactively identify areas requiring weed abatement and promptly address them to prevent any negative impact on the water and wastewater systems.

XIII. Prepare and submit regular monthly and/or yearly compliance reports as required by the Regional Water Quality Control Board or any other local, state, or federal agency.

- H2Ou will prepare and submit regular monthly

and/or yearly compliance reports as required by the Regional Water Quality Control Board and other relevant agencies.
- The company will ensure that all reports are accurate, comprehensive, and submitted within the designated timelines.
- H2Ou will closely monitor changes in regulations and promptly update the reporting process to ensure ongoing compliance.

XIV. A representative shall attend regular Board meetings where questions and inquiries related to the scope of services are involved as requested by the Board.

- H2Ou will assign a representative to attend regular Board meetings of the San Simeon Community Services District.
- The representative will be available to address any questions or inquiries related to the scope of services provided by H2Ou.
- The company will maintain open communication with the Board to provide updates, discuss concerns, and address any issues proactively.

XV. Provide monthly operations and summary reports to District General Manager.

- H2Ou will provide monthly operations and summary reports to the District General Manager to ensure transparency and ongoing communication.
- The reports will include key operational metrics, performance indicators, and any notable observations or recommendations.
- H2Ou will work closely with the District General Manager to establish the reporting format and ensure that the reports effectively capture the necessary information.

XVI. Perform hydrant testing and manual inspection and cleaning.

- H2Ou will conduct regular hydrant testing, manual inspection, and cleaning to ensure the functionality and reliability of the fire hydrant system.
- The company will develop a testing schedule in coordination with the District and perform the necessary maintenance tasks to optimize hydrant performance.

XVII. Read water meters monthly and handle repairs.

- H2Ou will read water meters on a monthly basis to accurately measure water consumption.
- The company will promptly address any issues or repairs related to water meters to ensure accurate billing and proper functioning of the metering system.

Overall Approach and Fee Estimate:

(H2Ou) will approach the scope of work with a dedicated team of experienced personnel who possess comprehensive knowledge of water supply and wastewater systems. The team will prioritize preventive and corrective maintenance, operational monitoring, and compliance with regulatory requirements.

H2Ou will ensure prompt response and resolution of emergencies, offering 24/7 on-call support to address any issues outside of regular working hours. The company will provide on-site staff as needed and will maintain an inventory of chemicals in compliance with safety regulations.

Reporting will be a key aspect of H2Ou's work, including regular operations reports, compliance reports, and water quality sampling reports. The company will assist in billings, collect payment, and provide administrative support as required.

H2Ou will also support non-routine operations and maintenance, including oversight of repairs, emergency response, and asset management. The company will actively collaborate with the District to identify and execute capital improvement projects and special tasks.

The fee estimate for the services provided by H2Ou will be reasonable and based on industry standards, taking into account the specific requirements of the San Simeon Community Services District. The fee estimate will cover routine and non-routine services, emergency response, administrative support, and other operational needs.

Foreseeable Issues and Resolution:

H2Ou recognizes that unforeseen challenges may arise during the course of the project. However, the company is committed to promptly addressing such issues and implementing effective resolutions. H2Ou's experienced team, streamlined decision-making process, and strong relationships with clients enable efficient problem-solving and seamless collaboration with the San Simeon Community Services District. Should any issues arise, H2Ou will work closely with the District to develop appropriate solutions and minimize any impact on operations and service delivery.

Staff	Role	License	Water Operations	Wastewater Operations	Regulatory Compliance	Regulatory Reporting	DDW/SWRCB Expertise	Optimization of Systems	On-Call Support 24/7/365	SCADA Systems	WQ Sampling	Years of Experience
Scott Myers	Principal In Charge Optional District Engr.	PE, T4, D3	✓	✓	✓	✓	✓	✓	✓	✓	✓	30+
Patrick Trevino	Operations Manager On-call/Emergencies	T3, D4	✓	✓	✓	✓	✓	✓	✓	✓	✓	30+
Steve Orellana	Full Time Water/Wastewater Operator (CPO) Primary On-call	WW3, T2, D2	✓	✓	✓	✓	✓		✓	✓	✓	3+
Benjamin Magana	Full Time Water/Wastewater Operator Primary On-call	WW2, T2, D3	✓	✓	✓	✓	✓	✓	✓	✓	✓	18+
Thomas Figuers	Alternate Water Operator On-Call/Emergencies	T2, D2	✓		✓				✓	✓	✓	3+
Greg Feik	Alternate Wastewater Operator On-Call/Emergencies	WW4		✓	✓			✓	✓	✓	✓	15+
Omar Catalan	Operator in Training Emergencies	OIT-1		✓							✓	1

Key Team Members

Scott A. Myers, PE, T4, D3
Principal In Charge
Optional – District Engineer Support

Mr. Scott Myers, PE, T4, D3 will lead the H2Ou team performing the duties as Principal In Charge and serving as the primary contact and point person between the District and the other members of the H2Ou team identified in this proposal.

Mr. Myers has over 33 years of engineering, construction management, water and wastewater operations experience. Mr. Myers holds certificates as both a water treatment operator T4 and a distribution operator D3 with the State of California. Mr. Myers has worked with many governmental agencies and water districts in Northern California.

Mr. Myers specializes in the field of drinking water and wastewater systems over his entire career. His background consists of delivery of water resources projects; from planning to construction, including day to day operations support and chief operator responsibility. He also has the ability to build strong and lasting relationships with clients, agencies, the public, engineering staff, operations personnel, and other regulating agencies.

Mr. Myers will be available to support our day to day operators including while on-call or emergencies if needed.

Patrick Trevino, T3/D4
Operations Manager
(Will Support On-Call Rotation & As Needed for Emergencies)

Mr. Trevino has over 30 years of experience working for public agencies and private companies throughout the world with extensive involvement in water and wastewater operations. Mr. Trevino will serve as Operations Manager and will support Mr. Myers in managing the personnel responsible for daily operations and will respond in the event of an emergency or to support his on-call responsibilities. His work experience includes managing the operations of water production, treatment, and distribution facilities for CDCR in Blythe, CA at Chuckwalla Valley State Prison (CVSP) as a lead operator for a complex arsenic removal water treatment facility using Reverse Osmosis and Activated Alumina water treatment processes.

Mr. Trevino is highly experienced operating facilities with pumps, motors, SCADA, PLCs, valves, and instrumentation. At CVSP treatment plant he was responsible for maintaining and operating mechanical and instrumentation equipment and facilities, following standard operating procedures; and performing or inspecting preventative maintenance duties. He has worked at many different water and wastewater facilities throughout the US as well as Abroad in Guam and the Middle East. Although Mr. Trevino is not a licensed wastewater operator, he has a thorough understanding of the processes and has been involved in many projects that had both water and wastewater treatment facilities during his career and operator positions.

Steve Orellana, WW3, T2, D2
Lead Water & Wastewater Full Time Operator w/ Chief Plant Operator (CPO) Responsibility
(Will Support On-Call Rotation & Emergencies)

Steve Orellana is a highly experienced professional in the field of water and wastewater management, specializing in daily operations and compliance. Currently serving as the District Superintendent and Chief Plant Operator at Grace Environmental Services in San Simeon, CA, Steve demonstrates his expertise by overseeing the daily operations of the wastewater treatment plant (WWTP). His responsibilities include conducting operational tasks and rounds, operating filtration and reverse osmosis systems, and ensuring equipment maintenance and compliance with state regulations. Steve holds certifications in Wastewater Operator Grade 3, Treatment Grade 2, and Distribution Grade 2 from the State Water Resources Control Board (SWRCB), highlighting his knowledge and skills in the field. Mr. Orellana will remain as the lead water and wastewater operator for H2Ou if awarded this contract which will allow us to transition without any disruption or need for overlap during the transition between service providers.

Overall, Steve Orellana's combination of experience in water and wastewater operations, project management, and estimation make him a valuable asset in the field of water and wastewater management. With his expertise in daily operations, compliance, and project execution, he is well-equipped to support H2O Urban Solutions as the Chief Plant Operator and contribute to the successful delivery of the San Simeon CSD Contract Water and Wastewater Operations Services.

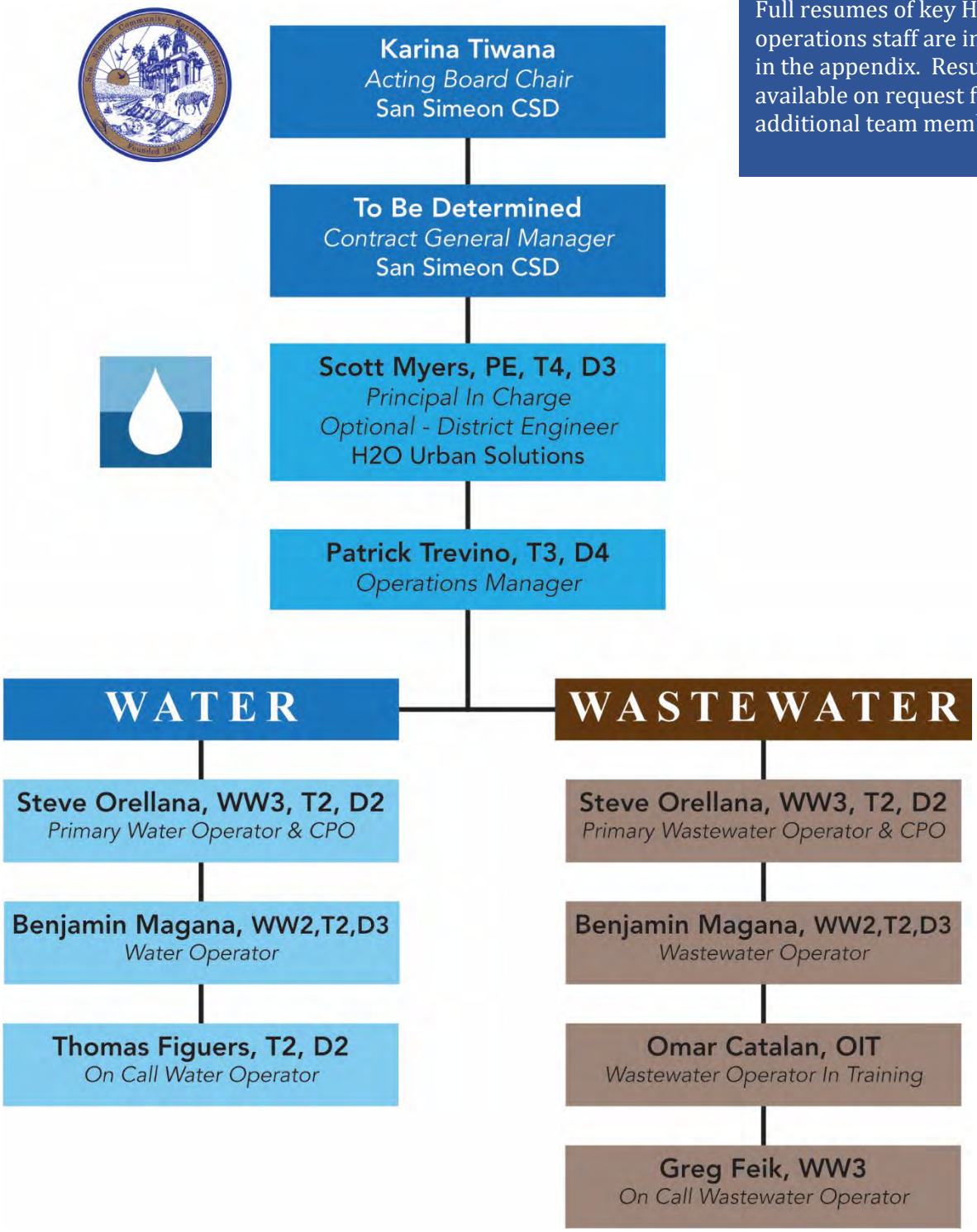
Benjamin "Benny" Magana, WW2, T2, D3
Water & Wastewater Operator
(Will Support On-Call Rotation & Emergencies)

Benjamin Magaña is a highly qualified wastewater and water operator with extensive experience in managing water and wastewater systems. He holds several licenses and certifications, including a State of California Water Distribution Grade 3 license, Water Treatment Grade 2 license, and Wastewater Treatment Operator Grade 2 License. He is also

certified in Utility Management and Finance through Water College University. Benjamin has worked in various roles, including as a Contract Operator at Provost & Pritchard Consulting Group, where he served as the lead operator for water and wastewater systems, handling maintenance, inspections, and record-keeping. He also worked as a General Manager at Crockett County Water Control & Improvement District, overseeing day-to-day operations, managing the SCADA system, and handling reporting and budgeting responsibilities. Benjamin's experience also includes working as a Circuit Rider for the California Rural Water Association, providing technical assistance to water systems across the state. He has a strong background in project management, having overseen infrastructure upgrades and improvements totaling millions of dollars. Benjamin is committed to continuous learning and has participated in various training and educational programs throughout his career.

Project Team – Organization Chart

Full resumes of key H2Ou operations staff are included in the appendix. Resumes available on request for additional team members.



License to Practice in California

H2O Urban Solutions personnel, project team, and assigned key members identified in this proposal are all properly licensed to perform their assigned duties in California. You will find the table below indicating the water operator certificate level, license number, and expiration date. All licenses are current. All members have a valid California driver's license. If additional verification is required, a copy of DMV printout will be provided upon request.

Responsibility	OP #	Grade	First Name	Last Name	City	State	ZIP	Expiration Date
Principal in Charge	33012 39290	T4 D3	Scott	Myers	S Lake Tahoe	CA	96150	10/01/2026 6/01/2026
Operations Manager	19140 5681	T3 D4	Patrick	Trevino	Lancaster	CA	93536	7/01/2026 4/01/2024
Water/Wastewater Operator - CPO	74672 44640 55597	WW3 T2 D2	Steven	Orellano	Cambria	CA	93428	11/07/2025 5/01/2025 12/01/2025
Water/Wastewater Operator	43510 30399 34232	WW2 T2 D3	Benjamin	Magana, Jr.	Porterville	CA	93257	8/31/2024 7/01/2026 2/01/2025
Wastewater Operator In Training (OIT)	N/A	OIT-1	Omar	Catalan	San Simeon	CA	93452	8/31/2025
Support Water Operator	42989 53697	T2 D2	Thomas	Figuers	San Luis Obispo	CA	93401	3/01/2025 6/01/2025
Support Wastewater Operator	28404	WW4	Greg	Feik	San Lues Obispo	CA	93401	1/23/2025

Water & Wastewater Operator Certificates

Scott Myers (Grade T4)


State of California
State Water Resources Control Board
IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE
Scott A. Myers
IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR
Water Treatment Operator
Grade T4
Operator Number: 33012
Issued October 2017
Felicia Marcus
Chair

Scott Myers (Grade D3)


State of California
State Water Resources Control Board
IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE
Scott A. Myers
IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER DISTRIBUTION SYSTEM AND IS HEREBY GRANTED THIS CERTIFICATE FOR
Water Distribution Operator
Grade D3
Operator Number: 39290
Issued June 2023
E. Joaquin Esquivel
Chair

Patrick Trevino (Grade T3)

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Patrick Ramon Trevino

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T3

Operator Number: 19140
Issued July 2020

E. Joaquin Esquivel
Chair

Patrick Trevino (Grade D4)

State of California
Department of Health Services

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Patrick Ramon Trevino

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER DISTRIBUTION SYSTEM AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Distribution Operator

Grade D4

Operator Number: 5681
Date Issued: April 2001

David P. Spath
STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES

Steven Orellana (Grade WW3)

State of California
State Water Resources Control Board

Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Steven J. Orellana

has fulfilled the requirements for certification as a

Grade III
Wastewater Treatment Plant Operator
Certificate Number 74672

Issued this November 07, 2022

Original Issue Date: 11/07/2022
Expiration Date: 11/07/2025

E. Joaquin Esquivel
Chair

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

Steven Orellana (Grade T2)

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Steven J. Orellana

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T2

Operator Number: 44640
Issued May 2022

E. Joaquin Esquivel
Chair

Steven Orellana (Grade D2)

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Steven J. Orellana

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER DISTRIBUTION SYSTEM AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Distribution Operator

Grade D2

Operator Number: 55597
Issued December 2022

E. Joaquin Esquivel
Chair

Omar Catalan (OIT-1)

State of California
State Water Resources Control Board

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Omar Catalan

has acknowledged intent to become a certified Wastewater Treatment Plant Operator and is recognized as an

Operator In Training - OIT-I

San Simeon CSD WWTP

Issued Date: 08/31/2022
Expiration Date: 08/31/2025

E. Joaquin Esquivel
Chair

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

Benjamin Magana (Grade WW2)

State of California
State Water Resources Control Board

Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Benjamin B. Magana, Jr.

has fulfilled the requirements for certification as a

Grade II

Wastewater Treatment Plant Operator
Certificate Number **43510**

Issued this August 31, 2021

Original Issue Date: 08/31/2021
Expiration Date: 08/31/2024

E. Joaquin Esquivel
Chair

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

Benjamin Magana (Grade T2)

State of California

State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Benjamin B. Magana, Jr.

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T2

Operator Number: 30399
Issued July 2023

E. Joaquin Esquivel
Chair

Benjamin Magana (Grade D3)

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Benjamin B. Magana, Jr.

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER DISTRIBUTION SYSTEM AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Distribution Operator

Grade D3

Operator Number: 34232

Issued
February 2010

Felicia Marcus
Chair

Gregory Feik (Grade WW4)

State of California
State Water Resources Control Board

Certificate of Competence

This is to certify that pursuant to the provisions of Chapter 9, Division 7 of the California Water Code

Greg S. Feik

has fulfilled the requirements for certification as a

Grade IV

Wastewater Treatment Plant Operator
Certificate Number **28404**

Issued this November 19, 2021

Original Issue Date: 01/23/2019
Expiration Date: 01/23/2025

E. Joaqeia Esquivel
Chair

This certificate is the property of the State of California and in the event of its suspension, revocation or invalidation for any reason, it must be returned to the State Water Resources Control Board upon demand.

Thomas Figuers (Grade T2)

State of California
State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Thomas P.N. Figuers

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER TREATMENT FACILITY FOR PRODUCTION OF WATER FOR DOMESTIC USE AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Treatment Operator

Grade T2

Operator Number: 42989

Issued
June 2019

E. Joaquin Esquivel
Chair

Thomas Figuers (Grade D2)

State of California

State Water Resources Control Board

IN ACCORDANCE WITH DIVISION 104, PART 1, CHAPTER 4, ARTICLE 3 OF THE HEALTH AND SAFETY CODE

Thomas P. Figuers

IS AUTHORIZED TO OPERATE OR SUPERVISE THE OPERATION OF A WATER DISTRIBUTION SYSTEM AND IS HEREBY GRANTED THIS CERTIFICATE FOR

Water Distribution Operator

Grade D2

Operator Number: 53697
Issued March 2022

E. Joaquin Esquivel
Chair

Equal Opportunity Statement

H2O Urban Solutions is committed to upholding the principles of equal opportunity and non-discrimination in all aspects of our employment practices. We recognize and adhere to the State and Federal laws and regulations that prohibit discrimination in employment. As a prospective consultant, we ensure that our recruitment and hiring processes are free from any form of discrimination based on factors such as race, color, national origin, gender, age, disability, or any other protected status.

In line with the District's commitment to promoting diversity and inclusion, H2O Urban Solutions guarantees that minority business enterprises will be provided with full and fair opportunities to participate in the Request for Proposals (RFP) process. We affirm that we will not discriminate against these enterprises based on the requirements stipulated by State and Federal laws and regulations. We are dedicated to creating an inclusive environment that promotes the involvement and contribution of minority-owned businesses, fostering a more equitable and diverse landscape within the industry.

Moreover, H2O Urban Solutions understands the importance of subcontracting opportunities for minority business enterprises. As part of our equal opportunity employment compliance, we actively seek out and consider these enterprises for relevant portions of the work. We maintain comprehensive documentation of our efforts, ensuring transparency and accountability. This documentation is readily available for inspection, demonstrating our commitment to promoting equal opportunities throughout the life of any contract awarded to us.

As a prospective consultant, we pledge to take all necessary steps to meet the equal employment opportunity requirements outlined in the contract documents. H2O Urban Solutions certifies that we have fulfilled all reporting obligations related to equal employment opportunity orders in previous contracts or subcontracts. We affirm that all reports due to any agency, State, or Federal equal employment opportunity requirements have been satisfactorily filed. Currently, no outstanding reports are pending, and we remain dedicated to upholding our obligations in this regard. Our commitment to equal opportunity employment is unwavering, and we strive to maintain the highest standards of fairness, inclusion, and non-discrimination throughout our operations.

Non Collusiona Statement

H2O Urban Solutions hereby affirms, declares, and guarantees that our proposal for San Simeon CSD Water & Wastewater Operations Services is presented with the utmost integrity and in compliance with the highest ethical standards. We unequivocally state that the individuals named in our proposal are the sole interested parties, and no officer, agent, or employee of the District has any personal interest, direct or indirect, in our submission.

H2O Urban Solutions takes great pride in upholding the principles of transparency, fairness, and honesty in all our business dealings. We confirm that our proposal has been prepared independently, without any form of collusion or fraud, and that it accurately represents our capabilities, expertise, and commitment to delivering outstanding results.

Our company adheres to a strict code of conduct, which explicitly prohibits any unethical practices, including collusion, price-fixing, or any other activity that compromises fair competition. We understand the importance of ensuring a level playing field for all participants and recognize the significance of maintaining the trust and confidence of the District.

By submitting this proposal, H2O Urban Solutions affirms its unwavering commitment to the principles of non-collusion and fraud prevention. We are confident that our proposal will demonstrate our genuine dedication to the success of the project, as well as our adherence to the highest ethical standards demanded by the District.

Should any evidence arise that contradicts this declaration, H2O Urban Solutions accepts the consequences of immediate disqualification and any

further legal actions deemed necessary by the District to safeguard the integrity of the procurement process.

We appreciate the opportunity to participate in this competitive bid process and remain committed to providing the District with a proposal that is fair, transparent, and without any form of collusion or fraud.

Conflict of Interest Statement

H2O Urban Solutions is pleased to submit a proposal for consideration in response to the requirements outlined by the District regarding conflict of interest. As a responsible and ethical organization, we fully understand and comply with the District's policy that prohibits any financial or business relationships between prospective consultants and District employees, Board Members, or contracted Consultants or Professional services providers. We are committed to upholding the provisions set forth in Government Code section 1090 and adhering to all applicable State and Federal laws, including California's Political Reform Act.

At H2O Urban Solutions, we recognize the importance of maintaining transparency, integrity, and fairness in our consulting engagements. Our team consists of highly qualified professionals who have extensive experience in water management and urban solutions. Throughout our history, we have always prioritized the highest ethical standards, ensuring that our work remains impartial and free from any conflicts of interest.

Should our proposal be selected, we affirm our commitment to fulfilling all requirements and obligations related to conflict of interest. We understand that we may be required to complete a Statement of Economic Interest (Form 700) as prescribed by the Fair Political Practices Commission. Rest assured, we will diligently comply with all necessary procedures and provide accurate and timely information as required.

H2O Urban Solutions is honored to be considered for this opportunity, and we appreciate the District's commitment to transparency and accountability. By selecting our team, you can trust that your project will be approached with the utmost professionalism, integrity, and compliance with all relevant regulations.

Recent Example Conflict of Interest Scenario

H2O Urban Solutions currently provides Contract Water Operations services and Engineering services to our long time client, Grizzly Flats CSD in El Dorado County. There has been some challenges with funding being provided from El Dorado Water Agency (EDWA) who is administering ARPA federal funds. EDWA is claiming that H2O Urban Solutions is not allowed to perform certain engineering tasks due to a Government Code section 1090 Conflict of Interest.

H2O Urban Solutions has been working closely with the District Board members and General Manager with the recommendation to include the District's Legal Counsel, **Ms. Barbara Brenner of White Brenner LLP**. As a result, we have been able to successfully navigate the political environment and identify a path forward that salvages the relationship between the District and EDWA while allowing H2O Urban Solutions to provide the knowledge and technical aspects and long time history and understanding of the District's facilities, needs, etc. to leverage that information for incorporating into the proposed improvements, design, construction and oversight.

Had H2O Urban Solutions not recommend the involvement of Ms Barbara Brenner, the District felt like there was no other option but to fall to the pressures of EDWA and not allow H2O Urban Solutions to have much involvement and lose all of our valuable and institutional knowledge in these much needed projects. As a result, we will be able to provide that knowledge and be very much involved to the overall benefit of the District.

Related Experience

H2O Urban Solutions is a certified DBE firm with over 20 employees, most of which having more than 20 years' experience each in their area of expertise. H2Ou has registered professional engineers, certified water treatment and distribution operators, certified wastewater operators, construction managers, and inspectors making up our core staff.

H2Ou continues to grow in support of the Contract Operations services. In 2019, H2Ou was awarded a contract to provide ***temporary relief water treatment and distribution operators*** to the State of California Department of Corrections and Rehabilitation (CDCR) for all of the prisons located throughout the State.

Earlier in April 2023, H2Ou was awarded the identical contract to provide **temporary relief wstewater operators** to the State of California Department of Corrections and Rehabilitation (CDCR) for all of the prisons located throughout the State.

H2Ou has extensive experience specializing in drinking water systems, including providing water operations and maintenance services and startup and commissioning new or modified facilities to multiple agencies in the region. H2Ou is currently providing Grizzly Flats CSD the operations and maintenance services as well as having performed similar operations and maintenance services to the City of Lathrop, California American Water Company (Cal-Am), City of Rancho Cordova, City of Tracy through contract with Prologis, and others.

H2Ou was formed with highly experienced and technical professionals dedicating their careers to the drinking water field. Specifically, the owner Mr. Scott Myers and Mr. Patrick Trevino have experience that will cover planning, design, construction, inspection, and operations expertise. This allows us to use that knowledge in all aspects of the work we perform. We can see and understand things better than others that only service one aspect of those disciplines. As owner and subordinate of the firm, both Mr. Myers and Mr. Trevino, have the technical knowledge to perform the work and mentor our employees as well as understand the responsibilities in support of our clients. We are also available at any time to our clients if there is an emergency or other issue that need our attention and decisions to be made with our contract or financial items. Our clients do not need to go through multiple levels of managers or supervisors to understand the issue or find solutions. Solutions is our focus as indicated in our company name.

Water System Operations Qualifications

H2Ou is uniquely qualified to provide water or system start up, commissioning, training, and operations services with a highly skilled and efficient team of certified water treatment and distribution operators, water engineers, and personnel for our public and private clients. Built around our expertise and understanding in Master Planning, Design, Fee Programs, Finance, Asset Management and Regulatory Compliance, H2Ou understands the Importance of delivering all levels of Water Operations Services that are optimized in reducing costs for our clients, while implementing or providing services and programs that address long term sustainability and the challenges facing new and old water systems. The H2Ou personnel providing services to our water system clients have all previously worked for and performed duties with water districts and public agencies during their careers. Most of the personnel supporting the Water Operations services

are capable of performing multiple roles and understand the need to be as efficient as possible with their time and the decisions they make in their regular duties.

H2Ou understands the task and responsibility of maintaining the water customer's trust and safety. Our Operations personnel take this responsibility with the highest regard. Our Operations personnel communicate with our Engineers and Planners regularly and vice versa. This close communication allows additional opportunities to optimize the operations in the systems we provide services. In fact, some of our Engineers are also certified operators with more than 20 years of experience in the water industry.

H2Ou Engineers and Operators have established relationships built on trust and transparency with the regulatory agency for water systems, the California Water Resources Control Board and the Division of Drinking Water (DDW) that regulates and permits these systems.

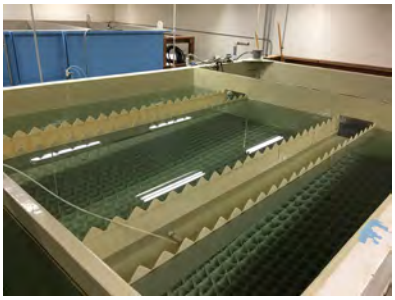
Water System Design Services Qualifications

In addition to the Operations and Maintenance services we provide, H2Ou can provide other professional services in the water industry. Based on the knowledge and creativity of H2Ou's engineers in the delivery of potable, non-potable, and stormwater systems, we have saved our clients millions of dollars over our 30+ years of individual experience and as a result have created a very loyal network of clients and agencies. That's because when it comes to water system design, H2Ou covers the spectrum. Our specific areas of expertise are master planning, hydraulic modeling, water treatment plant design, pumping system design, tank design, transmission, and distribution pipeline design, new and rehabilitated well design, QA/QC and constructability reviews. Finally, to ensure that the design's integrity and the agency's requirements are met, H2Ou offers complete construction management and inspection services with a full staff of professionals that are well versed in the proper construction of water supply infrastructure.

Relevant Projects and Descriptions:

Grizzly Flats CSD Water Operations and Maintenance Services, Grizzly Flats, CA

Grizzly Flats CSD unexpectedly lost both of their full time certified water treatment and distribution operators in late 2016. H2Ou learned of this situation through it's close network in the water industry and offered to support the operations and maintenance responsibilities for the District. H2Ou was successful in obtaining a 6 month temporary contract and supported the Districts operation needs and was able to transition the long term knowledge from one of the former District Operations staff prior to his departure to another water agency. This information along with the knowledge and expertise of 3 higher grade certified water treatment and distribution operators on H2Ou staff, we could smoothly transition the operations and maintenance responsibilities for the District. H2Ou provided a full time and part time water treatment and distribution operator under the supervision and reporting to a Chief Water Operator. H2Ou staff performed daily operations, maintenance, emergency repairs, and 24/7/365 on-call duties during this contract. As part of a Prop 84 grant funding project, GFCSD had funding for replacement of 50% of their water services, which included replacement of 300 water meters. GFCSD struggled to financially afford to replace those meters with Contractors due to the remote location of the District and the cost for conventional construction and contracting methods. Once H2Ou was on board in support of their water operations contract, we were able to work within the budget the District had for replacing the meters and H2Ou completed the replacement of all 300 meters on budget and within 2 summer seasons.



Grizzly Flats CSD Treatment Plant No. 1 & 2 Surface Water Treatment Plants

Included as part of the Prop 84 Grant funding, H2Ou developed and implemented a leak detection program for the entire system, which included the purchase of 3 key pieces of equipment and the training to use that equipment so H2Ou operations staff can perform regular leak detection and testing as part of an ongoing preventative maintenance and asset management program.

H2Ou Water Operator performing leak detection for GFCSD as part of a Prop 84 Grant for the District. Included the purchase of equipment and performing an entire system survey. H2Ou developed leak program and performed survey.

Current Fee Schedule

2023 RATE SCHEDULE
(Sealed Envelope)

CLASSIFICATION	HOURLY RATE
Engineering & Construction Management Services	
Principal in Charge	$195
Principal Engineer	$175
Project Manager	$175
Construction Manager	$175
Senior Engineer	$150
Assistant Construction Manager	$150
Civil Inspector (Prevailing Wage)	$170 - $190
Civil Inspector (Non Prevailing Wage)	$132
Draftsman	$100
Office Engineer / Document Control	$85
Clerical	$65
Water or Wastewater Operations Services	
Operations Manager	$155
Water or Wastewater Operator 5 (T5/D5 or WW5)	$155
Water or Wastewater Operator 4 (T4/D4 or WW4)	$140
Water or Wastewater Operator 3 (T3/D3 or WW3)	$125
Water or Wastewater Operator 2 (T2/D2 or WW2)	$110
Water or Wastewater Operator 1 (T1/D1 or WW1)	$85
Wastewater Operator In Training (OIT)	$65
Chief Plant Operator (CPO) Responsibility	Add 15% to Hourly Rate

1. Materials, outside services, and consultants will be charged at cost plus 15%.
2. Repairs exceeding required dollar ($) limits subject to prevailing wage will be charged at appropriate prevailing wage rates and a multiplier of 2.25X.

2023 COST SCHEDULE
(Sealed Envelope)

Item No.	Description	Unit	Quantity	Unit Cost	Total Cost
1	Water/Wastewater Operator - WW3, T2, D2 w CPO Responsibility	Hours	1960	$125.00	$245,000.00
2	Water/Wastewater Operator - WW2, T2, D2	Hours	1960	$110.00	$215,600.00
3	Operations Manager (8 hrs every 2 wks)	Hours	208	$155.00	$32,240.00
4	Principal In Charge (4 hours per month)	Hours	48	$195.00	$9,360.00
5	Truck - Utility HD w Tools	Monthly	12	$2,000.00	$24,000.00
6	Vehicle - SUV	Monthly	12	$1,000.00	$12,000.00
				Labor & Vehicles Annual Cost:	**$538,200.00**
				Average Monthly Cost (Not including Outside Services or Supplies):	**$44,850.00**
7 [1]	Chemicals (Estimate)	Annual	1	$15,000.00	$15,000.00
8 [1]	Consumables (Estimate)	Quarterly	4	$500.00	$2,000.00
9 [1]	Street Sweeping (Estimate)	Annual	1	$3,000.00	$3,000.00
10 [1]	Water Quality Analyses (Estimate)	Annual	1	$15,000.00	$15,000.00
11 [1]	Sludge Hauling (Estimate)	Annual	1	$25,000.00	$25,000.00
				Subtotal Outside Services and Supplies Cost:	**$60,000.00**
				15% [2] Markup:	**$9,000.00**
				Total Outside Services and Supplies Cost:	**$69,000.00**
				Total Annual Cost:	**$607,200.00**
				Average Monthly Cost (w 15% Markup for Outside Services or Supplies):	**$50,600.00**

12	Emergencies & Overtime (Budget)	LS	1	$5,000.00	$5,000.00

Materials, outside services, and consultants will be charged at cost plus 15%.

[1] Estimates based on San Simeon CSD Operator Staff input during site visit.

[2] If San Simeon CSD pays for Services and Supplies directly, markup can be avoided to save money.

Rocky shore and sandy beach at San Simeon Cove

References

Similar Services & Projects	Client Reference
Grizzly Flats CSD Water System Operation & Maintenance Services, Grizzly Flats, CA ✓ 6 month initial contract ✓ 3 year contract ✓ 2 year extension contract ✓ Ongoing District Engineering contract ✓ Specific planning, design, CM & inspection project contracts ✓ Currently month to month operations contract ✓ FEMA, USDA, ARPA, SRF Funding and Expertise	Kim Gustafson Grizzly Flats CSD General Manager 4765 Sciaroni Road Grizzly Flats, CA 95636 (530) 622-9626 (408) 674-2914 mobile gfwater@sbcglobal.net **Barbara A. Brenner** **White Brenner LLP** District Legal Counsel Barbara@whitebrennerllp.com
California Department of Corrections and Rehabilitation (CDCR) Temporary Relief Water Treatment and Distribution Operator / Supervisor Services ✓ 3 year initial contract ✓ 3 year second competitive bid contract	Joe Borla CDCR Dept Construction and Maintenance Supervisor Facility Maintenance & Regulatory Compliance Branch 9838 Old Placerville Road, Suite B Sacramento, CA 95827 (916) 255-3381 Joseph.Borla@cdcr.ca.gov
California Department of Corrections and Rehabilitation (CDCR) Temporary Relief Wastewater Treatment Operator / Supervisor Services ✓ 3 year initial contract	Joe Borla CDCR Dept Construction and Maintenance Supervisor Facility Maintenance & Regulatory Compliance Branch 9838 Old Placerville Road, Suite B Sacramento, CA 95827 (916) 255-3381 Joseph.Borla@cdcr.ca.gov
Storm Drain Pump Station Operations & Maintenance Services, Rancho Cordova, CA ✓ 3 year initial contract ✓ 2 year extension contract ✓ 3 year renewal contract ✓ 6 month transitional contract	Dalia Fadl, P.E. City of Rancho Cordova Senior Civil Engineer 27290 Prospect Park Drive Rancho Cordova, CA 95670 (916) 851-8718 dfadl@cityofranchocordova.org

Similar Services & Projects	Client Reference
CCC Los Pinos Sewer Pond Maintenance, Analysis and Reporting Operations & Maintenance Services, Lake Elsinore, CA ✓ 3 year initial contract	Christy Little CCC (California Conservation Corps) Administrative Officer San Diego & Los Piños, Region II 401 West 35th Street, Suite A National City, CA 91950 (619) 409-4382 christy.little@ccc.ca.gov
US Army Corps of Engineers (USACE) Lake Mendocino Water and Wastewater Operations & Maintenance Services, Ukiah, CA ✓ 3 year initial contract (Client shortened contract due to COVID 19)	Michele Lopez R CIV USARMY (US) USACE Maintenance Control Technician 1160 Lake Mendocino Dr Ukiah, CA 95482 (707) 467-4210 Michele.R.Lopes@usace.army.mil
Cordes Ranch 2.0 MG Tank & Booster Pump Station Modeling, Design Support, Construction Management, Startup & Commissioning Services, Tracy, CA	Thomas Martin Prologis Development Manager 3353 Gateway Boulevard Fremont, California 94538 (510) 516-5522 mobile tjmartin@prologis.com Paul Verma, PE (RCE, RME) City of Tracy Senior Civil Engineer Development & Engineering Services 333 Civic Center Plaza Tracy, CA, 95376 Phone: (209)-831-6460 Paul.Verma@cityoftracy.org

Rocky shore and sandy beach at San Simeon Cove

Resumes

- Full Resumes for Key Personnel
    1. Scott A. Myers, PE, T4, D3
    2. Patrick Trevino, T3, D4
    3. Steve Orellan, WW3, T2, D2
    4. Benjamin Magana, WW2, T2, D2
- Resumes for additional personnel can be provided upon request
    1. Thomas Figuers, T2, D2
    2. Greg Feik, WW3
    3. Omar Catalan, OIT-1

Scott A. Myers, PE, T4, D3

Principal In Charge / Principal Engineer

H2O urban solutions

Certifications:

Professional Engineer License C51055

Grade T4 Water Treatment Operator, CA, #33012

Grade D3 Water Distribution Operator, CA, #39290

DOT Hazmat & CA Title 22 Haz Waste Certificate

OSHA 10 hr Construction

Cal Trenching & Excavation

Cal PPE Awareness

Cal/OSHA Heat Illness Prevention

OSHA Class II Transite Pipe Removal

Education:

B.S. Civil Engineering, CSU Sacramento, December 1990

Expertise:

Design Engineer
Resident Engineer
Construction Management
Construction Inspection
Quality Control
Constructability Reviews
Specialty Inspection
Program Management
Project Management
Water Treatment Operations
Water distribution systems
Wastewater Treatment Systems and Management
Groundwater wells
Hydraulic Modeling

Relevant Experience:

SCADA & Controls

Factory Testing & Inspection

Cathodic Protection

SWRCB regulatory reporting, compliance and permitting.

DDW regulatory reporting, compliance and permitting.

Certified Water Operator in State of CA (T4/D3)

Mr. Myers has 33 years of experience in civil engineering, planning, design, construction management, inspection and operations with an emphasis on projects for water resource agencies. His strengths include managing complex projects with multiple phases, construction management, quality control, claims avoidance, multiple prime contractor coordination. Scott has significant experience operating water/wastewater and storm drain facilities with complex processes, SCADA, solids handling, hazardous chemicals and materials. His strengths include managing complex projects with multiple phases, construction management, quality control, claims avoidance, multiple prime contractor coordination. Mr. Myers has vast field experience in water underground utilities, heavy civil construction, sewer, and storm water utilities and facilities, including regulatory compliance, and permitting for capital improvement projects.

Experience:

Lincoln Oaks Water Storage Tank and Booster Pump Station & Off-site Water Pipeline Construction Inspection, California American Water Company, Citrus Heights, CA

Construction Inspector and Specialty Inspection responsible for construction oversight and compliance for a 1.0 MG Steel storage reservoir, Booster Pump Station, Control Building, and 6,000 lf of potable water main from 16 inch to 8 inch. Responsible for coordination of materials testing, quality control, inspection of earthwork, grading, mechanical and piping, disinfection, trenching, compaction, steel reinforcement, concrete, grout, masonry, asphalt, specialty inspections, electrical, instrumentation and SCADA prior to delivery to California American Water Company.

California American Water Company Inspection Projects:

- **Chromium 6 (Cr VI) Water Treatment Facilities – 5 Well Sites, 4 Separate Facility Installations, California American Water Company, Sacramento, CA**
- **Walnut Grove Arsenic WTP Solids Handling & Sewer Upgrade, California American Water Company, Walnut Grove, CA**
- **Well Rehabilitation – Collonade, Southgate, Westporter Wells, California American Water Company, Sacramento District, CA**
- **Well Rehabilitation – Ambler #5, #6, Schulte, Rancho Canada Wells, California American Water Company, Monterey, CA**
- **Development Projects – Subdivisions, Commercial Centers, Main Extensions, Meter Retrofit, California American Water Company, Larkfield & Sacramento, CA**
- **Security Park BPS Upgrade and Rehabilitation, California American Water Company, Citrus Heights, CA**
- **Rose Parade Iron & Manganese WTP Filter Catwalk Structure, California American Water Company, Rosemont, CA**

Affiliations:
APWA
ASCE
AWWA
SAWWA
CRWA

- **Beloit Parking Lot Expansion, California American Water Company, Sacramento, CA**
- **Davidson – Watt Raw Water Pipeline, California American Water Company, North Highlands, CA**

California American Water Company Design Projects:

- **Huckleberry Pump Station Design, Pebble Beach, CA**
- **Carmel Knolls Water Main Replacement, Carmel, CA**
- **Kimball & Wheeler Water Main Replacement, Seaside, CA**
- **Echo Ave Water Main Replacement, Seaside, CA**
- **Clementina Water Main Relocation, Seaside, CA**
- **Mesa & Trevis Water Main Replacement, Carmel, CA**
- **Lighthouse Av Water Main Replacement, Pacific Grove, CA**
- **Viejo Rd Water Main Replacement, Pacific Grove, CA**
- **Ocean View Bl Water Main Replacement, Pacific Grove, CA**
- **Garrapatta – Hwy 1 Water Main Repair, Big Sur, CA**
- **Scenic Dr & Hwy 68 Bridge Water Main Replacement, Monterey, CA**
- **Dolores Water Main Replacement, Carmel by the Sea, CA**
- **Punta Del Monte Pipeline Replacement, California American Water Company, Carmel, CA**

Cordes Ranch Water Storage Tank and Booster Pump Station Construction Management, Startup & Commissioning, City of Tracy (via Prologis), CA
Construction Manager and Resident Engineer responsible for construction oversight, specialty inspection and compliance for a 2.0 MG Prestressed concrete storage reservoir (partially buried), 6,000 gpm Booster Pump Station and Control Building. Responsible for submittal review, coordination of materials testing, quality control, inspection of earthwork, grading, mechanical and piping, disinfection, trenching, compaction, steel reinforcement, concrete, grout, masonry, asphalt, specialty inspections, electrical, instrumentation and SCADA support, startup and commissioning prior to delivery to the City of Tracy.

Lake Mendocino Potable Water Systems and the Wastewater Treatment Facility, U.S. Army Corps of Engineers, 2019 – Present
Project Manager and Contract Manager to support water and wastewater operators to maintain compliance with the State Water Resources Control Board's Monitoring and Reporting Program. Review of reports regarding plant operations and monitoring as required by law and regulations. Oversight of state & federal requirements relating to public water systems and the wastewater treatment system and attached lift stations, at the facility.

Sacramento Regional Wastewater Treatment Plant – Primary and Grit Handling Areas Rehabilitation (181 MGD Design Capacity), Sacramento, CA

Provided Quality Control, inspection and project schedule critical path support for the $25 Million rehabilitation of 12 primary sedimentation tanks including sludge collector replacement, scum and cross collector modifications, replacement of grit slurry and overflow lines, included all related structural, mechanical and electrical work.

Sacramento River Water Treatment Plant Expansion (100 – 160 MGD), Sacramento, CA
Provided design engineering and construction support for the $80 Million expansion of the treatment plants capacity from 100 to 160 MGD. Project included constructing new concrete structures, installing mechanical equipment, upgrading the electrical and control equipment, and constructing the new treatment train with touch screen controls for the major equipment in the operations and control building.

Multiple Major Treated and Untreated Transmission Pipelines and Trenchless Railroad and Creek Crossings, Elk Grove Water District, Elk Grove, CA
Planned, designed and managed construction of over ten different treated and untreated water transmission pipelines ranging from 36 in. to 12 in. and totaling over ten miles in length. The project was part of centralizing five new deep wells to the new Railroad Water Treatment and Storage Facility and then out to the customers of the District. Project included over eight different trenchless crossings of Union Pacific Railroad, drainage channels, and local creeks. Construction included night work. Responsible for coordination with the City of Elk Grove, Elk Grove School District, Elk Grove Historic District, and Elk Grove Community Services District. Project included community engagement and public outreach as well as communication via a dedicated website and an 800 phone hotline to address any issues or concerns.

Northgrove Way & Walnut Drive Pipeline Replacement Inspection, Citrus Heights Water District, Citrus Heights, CA
Resident Engineer for this pipeline replacement project. The project included construction inspection of two water pipeline replacement with water services through existing residential and commercial areas in Citrus Heights.

Sacramento Suburban Water District Phase II Transmission Pipelines, Sacramento, CA
Designed two of the three major transmission pipelines, which will be the primary conveyance to the district's customers. This included the determining the alignment of several miles of 24" water transmission pipelines through well-developed areas in Sacramento. Prepared drawings, specifications and estimated construction costs. Project cost was $10 Million.

Sheldon Road Water Transmission Main Extension, Sacramento, CA

Responsible charge to oversee and coordinate the design and preparation of civil engineering drawings and specifications for ½ mile of 30" water transmission main and water meter vault structure.

Corrosion Monitoring and Protection Study and Implementation, Sacramento, CA
Responsible charge to oversee the development and implementation of a corrosion monitoring and protection program for the County's existing and future water transmission pipelines. Field investigation and analysis was conducted for all of the major pipeline corridors. Drawings and specifications were developed and implemented for the long-term protection of the County's water pipeline assets.

Los Pinos Conservation Corps Wastewater Treatment Facility, Lake Elsinore, California Conservation Corps, 2019 – Present
Project Manager and Contract Manager for the Los Pinos Conservation Corp's wastewater treatment facility. Oversight of operation and maintenance (O&M), sampling and analysis, process adjustment, and reporting duties. Resolved compliance with the Waterboard due to previous contract operator not completing required spill response and emergency, sampling analysis, and sludge management plans to maintain and ensure safe and reliable facility operation.

Granite Bay State Park Wastewater Treatment Facility, California State Parks, 2019 – Present
Project Manager and licensed Professional Engineer required for compliance reporting to the Waterboard. Provide oversight and initial sampling protocols and performed sampling for the wastewater treatment compliance with all waste discharge requirements and monitoring of groundwater monitoring wells to meet NPDES requirements. Analyze leach field treatment performance and groundwater monitoring. Review and submit certification of all technical data for monthly, quarterly and yearly reporting to Waterboard.

Wells 7, 8 & 9 Rehabilitation Construction Management, City of Lathrop, CA
Project Manager responsible for the rehabilitation, replacing or confirming compatibility of pump curve with well performance and system head curve for Wells 7, 8 & 9. Performed construction management and inspection.

Louise Avenue Water Treatment Facility (LAWTF) Commissioning and Operations, City of Lathrop, CA
Startup and Commissioning and water treatment operations services for the Louise Avenue Water Treatment Facility (LAWTF). Responsible for day to day Chief Water Treatment Operations since 2012 for the arsenic water treatment process, regulatory compliance, support implementation for Asset Management program, development of SOP's, preparation of Operation & Maintenance Manuals.

Louise Avenue Water Treatment Facility (LAWTF) Construction Management, City of Lathrop, CA
Project Manager responsible for overseeing startup and commissioning for $15 Million 10 MGD Arsenic WTF with solid waste handling. SCADA Integration and Detailed Optimization Strategy for master control of the City's entire water facilities as part of the integration of this facility with the overall water system. Provide day to day operations management. Performed construction management and inspection.

Railroad Water Treatment and Storage Facility, Elk Grove Water District, Elk Grove, CA
Project Manager, Design Engineer, Startup and Commissioning for this $30 Million CIP 10 MGD Iron, Manganese, Arsenic Water Treatment Plant project. Responsible for all aspects of planning, design, process engineering, construction management and Inspection. Provided project management, startup and Commissioning for a 3,000 SF operations building with on-site chlorine generation facility, booster pump station with 10-1500 GPM discharge pumps. SCADA system coordination from wells to treatment facility. Construction of two 2.0 MG Tanks, Backwash Tank, 6-12' diameter filter vessels with electrical controls and SCADA system.

Route 50 / 5 Sacramento Viaduct and West End Viaduct Bridge Deck Rehabilitation Project, Caltrans District 3
Project included the inspection of all aspects of this complex bridge deck rehabilitation project. The project included the resurfacing of two bridges totaling more than 9,000 lineal feet of structure on both the West End Viaduct in downtown Sacramento on Interstate 5, and the Sacramento Viaduct on US 50, both over the Sacramento River. Mr. Myers was responsible for quality control inspection, tracking extensive manpower and equipment, staffing 7 night a week construction schedules and two 55 hour round the clock closures over four separate weekends.

Johnny Cash Trail and Pedestrian Bridge Overcrossing, City of Folsom, CA
The first phase of the Johnny Cash Trail and Overpass includes a $3.8 Million overpass at Folsom Lake Crossing Road and East Natoma Street. This pedestrian and bike bridge is designed to echo the prison's east gate guard towers. This is the first phase of an ultimate 2.5-mile trail. Mr. Myers provided structural construction inspection services including inspection of rebar, forms and concrete placement for all aspects of the bridge. Mr. Myers managed all materials testing which was performed using Caltrans Testing Methods and frequency tables, and was in compliance with the City's QAP.

Meter Retrofit Program, Elk Grove Water District, CA
Responsible for developing, planning, designing, construction oversight and compliance for a meter retrofit program of 6,000 unmetered water connections. This included both residential and

commercial installations with RP backflow protection of the public water system for the commercial connections. The retrofit program was developed to be completed over a 10 year program using in-house water district operations staff. Prioritization of installations were developed based on service type, areas with backyard water mains, water main material type and age, and size of lot. Developed overall program cost and resources to complete within 10 year deadline. Developed and implemented a customer outreach program to inform residents and business owners. Performed construction management and inspection services for the installations.

Waterman Road Water Facility Tank No. 2, Sacramento, CA
Responsible charge for the design and preparation of civil, mechanical and electrical engineering drawings and specifications for a storage and pumping facility with a second 3.5 Million gallon storage reservoir. Coordinated sub consultants. Performed construction management.

Tillotson Parkway Well Drilling and Well Improvements, Sacramento, CA
Designed this 1,500+ gpm groundwater well and treatment facility. Performed construction management.

Calvine Road Satellite Water Treatment Facility, Sacramento, CA
Designed a 7,500 gpm Iron, Manganese and Arsenic treatment plant with 300,000 gallons of storage and 10,000 gpm pumping capacity. Provided startup and commissioning. Performed construction management.

Waterman Road Well and Treatment Facility Improvements, Sacramento, CA
Designed a 1,500+ gpm groundwater well and improvements to the well site. The designed included expansion of the Iron and Manganese treatment plant was expanded to 6,000 gpm. Performed construction management.

Zone 40 Water Master Plan Update, Sacramento, CA
Study several technical issues and develop recommendations that will be utilized in the continuous update of the Zone 40 water planning efforts. Some of the technical issues of study were to determine the best alternative to bring surface water into the area; how to best utilize the conjunctive use of surface water and groundwater to appease political concerns while restoring the impacts of a historical cone of depression due to increased groundwater pumping; determine a short term emergency water supply for an area that has recently been impacted by the contamination of groundwater. A hydraulic model was prepared using WaterCAD/Cybernet software for the Major Infrastructure to serve both retail and wholesale service areas over approximately 30,000 acres.

City of Pleasanton Wells 5 & 6 Improvements, Alameda County, CA

Design and preparation of civil drawings for the improvements to the mechanical piping, control buildings, and site plan for both of the City of Pleasanton's wells no. 5 & 6. Developed cost estimates.

1998/99 Winter Improvements for Semitropic Improvement District, Kern County, CA
Preparation of civil engineering drawings to the Pond-Poso Canal in order to improve 3 siphons on the canal for road crossings.

Nevada Irrigation District Pump Station and Canal Improvements, Grass Valley, CA
Preparation of civil engineering drawings for the improvements to the pump station and canal at Elizabeth George Water Treatment Plant pumped intertie.

Vineyard Service Area Water Distribution Master Plan, Sacramento, CA
Responsible for the further development and analysis to determine the location and size for all of the pumping, storage, and conveyance facilities to supply over 16,000 acres with potable water for the Sacramento County Water Maintenance District current and future customers. The system was sized and optimized to operate under the conditions of being supplied by 100% groundwater from facilities spread throughout the area as well as being supplied by 100% surface water from one location and conveyed throughout the system. The water distribution system was modeled using Innovyze's hydraulic modeling software program.

Dwight Road Water Facility Tank No. 2, Sacramento, CA
Responsible charge for the design and preparation of civil, mechanical and electrical engineering drawings and specifications for a storage and pumping facility with a second 3.5 Million gallon storage reservoir and an expansion of pumping capacity from 10,000 gpm to 30,000 gpm. This included the coordination of sub consultants and the construction management of the project.

Zone 40 SCADA Phase II Expansion, Sacramento, CA
Responsible charge to oversee and coordinate the design and preparation of electrical and civil engineering drawings and specifications for the expansion of the existing SCADA system to include an additional 20 groundwater facilities. Relocation of the radio equipment was placed in a permanent environmentally controlled enclosure. New computer screen layouts and system programming to remotely control, display and operate the new facilities efficiently were developed.

Hydraulic Modeling and Related Water Studies
Mr. Myers has prepared and performed simple to complex hydraulic model analyses and evaluations to support comprehensive water planning studies to out in the field validation of available fire flow capacities when Agencies were faced with limited water supply or distribution facilities. He has prepared and evaluated over 40

hydraulic models to support just some of the following items listed below:

- City of Tracy Water Model to Support International Park of Commerce (1,700 ac Industrial Development for Prologis)
- City of Patterson Water Resources Engineer
- City of Patterson Old Town Rehabilitation
- City of Patterson Water Master Plan
- City of Patterson General Plan Expansion 2010
- Grizzly Flats CSD Water System Improvement Plan and Preliminary Engineering Report 2010
- East Elk Grove Specific Plan and Fire Flow Analysis
- Promontory Water Study
- Ridgeview Water Study
- Rio Del Oro Water Study
- Anatolia Water Study
- Laguna Ridge Specific Plan and Water Study
- East Franklin Specific Plan and Water Study
- West Roseville Specific Plan and Water Study
- Fiddyment Ranch Water Study
- Morgan Creek Water Study
- EGWD Urban Water Management Plan

Patrick Trevino, T3/D4

Operations Manager / Senior Construction Inspector

H2O urban solutions

Certifications:

Grade 3 Water Treatment, State of California

Grade 4 Water Distribution, State of California

Grade 2 Water Treatment, Guam U.S.A. Federal EPA

Grade 4 Water Distribution, Guam U.S.A. Federal EPA

Grade 2 Water Treatment, State of Arizona

Grade 4 Water Distribution, State of Arizona

Grade 2 Water Distribution, State of New Mexico

Grade 3 Water Distribution, State of New Mexico

Water Sampling and Technique Certificate, Clinical Lab of San Bernardino

Cla-Val Certificate

Trench Shoring and Competent Person Certificate, Geni Inc.

40 Hr, Hazwoper

10 Hr. OSHA Construction Safety

CPR/AED Bloodborne Pathogens

Education:

University of Phoenix, Pasadena, CA
College Coursework in Business Administration
University of Sacramento, Sacramento, CA
College Coursework in Water Distribution and Water Treatment

Expertise:

Water Treatment Operations
Water distribution systems
Wastewater Treatment Systems
Wastewater Treatment Experience
Regulatory Reporting
Reverse Osmosis
Activated Alumina
Construction Inspection

Mr. Trevino Highly experienced with over 30 years experience in the water resources industry, detail-oriented water utilities professional, with a proven ability to perform a broad range of functions quickly and accurately in a fast-paced environment.

Mr. Trevino has years of experience in the field for managing, installing, supervising, inspecting and supporting water distribution system facilities from meters to transmission mains, well sites to pump stations and treatment facilities. He has operated complex water distribution and treatment systems and worked as an water operator most of his career, he is able to apply that knowledge and skills to inspecting the construction and ensure compliance with the project plans and specifications as well as meeting Title 22 drinking water requirements as well as NSF 61 certified materials in potable water systems.

Skilled at multi-tasking, Recognized for dedication, work ethic, interfacing with different cultures, and going the extra mile to get the job done. Excellent interpersonal skills. Expertise includes:

- Water Distribution systems
- Water Quality
- Water Supply and Treatment
- Public and private water industries
- Pipeline Construction
- PRV installation and maintenance
- Problem analysis and resolution
- Sample collections
- Bacteriological reporting and analysis

Experience:

CDCR Chuckawalla Valley State Prison Water Treatment & Distribution Operator (Contract Assignment through H2Ou)
Temporary Contract Water Treatment and Distribution Operator
August 2021 – March 2023

- Oversee the daily operations of Reverse Osmosis and Activated Alumina water treatment plant for high purity water.
- Sample and monitor regular water quality sampling for water treatment and distribution system to 2 prisons CVSP and IWSP.
- Monitor chemical usage, labor time and the procurement of parts.
- Working knowledge of RO, anti-scalant, sodium bisulfite, caustic soda.
- Monitor and Operate several groundwater source wells.

Relevant Experience:

SCADA & Controls

SWRCB regulatory reporting, compliance and permitting.

DDW regulatory reporting, compliance and permitting.

- Most of the Automated Operations was not functional due to failing SCADA and controls, monitoring equipment, motorized valves, chemical feed system loops and monitoring no longer operational. Operations had resorted to almost complete manual operations.

Evoqua Water Technologies, Los Angeles Ca
Field Service Manager
October 2018 – August 2021

- Oversee the daily operations of 15 satellite accounts for high purity water.
- Supervise and mentor a team of 5 servicemen.
- Oversee the monthly budget variance reports in regards to operational spending as it relates to my team.
- Meet with clients in regards to QA and QC issues, monthly reports. Monitor chemical usage, labor time and the procurement of parts as it relates to my accounts.
- Working knowledge of RO, anti-scalant, sodium bisulfite, caustic soda.

Leo Palace, Yona Guam (Contract Work)
Director of Engineering and Facilities Maintenance
January 2016- Jan 2018

- Oversee the daily operation of the main hotel and 3 condominium complexes (550 Hectare land complex.)
- Supervise 32 employees and 4 managers.
- Saved the hotel money by moving away from utilizing contractors to utilizing staff on CAPEX projects.
- Oversee the daily operation of a .250 MGD package plant, 3 aeration basins, 12 blowers, 2 UV chambers, 5 Bio towers and 2 de-nitrification chambers, 2 Polishing filters.
- Oversee the daily operation of 8 wet well lift stations and collection systems.
- Oversee the daily operations of 7 swimming pools with media filters and pumps.
- Oversee the daily operations of the distribution system, 4 PRV stations, 9 booster pumps.
- Train and mentor subordinate staff, purchase and audit supplies pertaining to the hotel, water and wastewater appurtenances.
- Lab analysis, PH, SS,TSS, Ammonia, Nitrate, Fecal, Coliform, Iron, Phosphate, BOD, DO and CL2.
- Spearhead the planning and implementation of retro fitting aging infrastructure.
- Responsible for the preventative and reactive maintenance for the water, wastewater and pools.

CH2M Hill OMI, Pine Arizona
Operations Superintendent September 2013 – Nov 2015

- Plan, implement, and conduct quality training as requested.

- Procure tools and materials relating to the distribution dept, prepare all Department of Health responses and reports as directed by the Project Manager.
- Oversee the daily operations of 23 production wells, 20 reservoirs and 12 booster sites.
- Oversee the daily activities of 4 subordinate staff and 4 seasonal employees.
- Operate within program expense budget, saved the district money by moving away from the utilization of contractors and using local forces on certain projects
- Performs duties and meets responsibilities as outlined in the CH2M HILL PSWID agreement.
- Fabricate/Install and repair mains, services, hydrants, valves, services.
- Oversee a district wide meter exchange program.
- Spearhead the planning and implementation of retro fitting aging infrastructure.
- SCADA, Chlorination, Bacteriological sampling and Supervision.
- Preventative maintenance on all water distribution assets, fleet maintenance.

Tetra Tech Inc. Elko Nevada – North Mara Tanzania (Contract Work)
Operations Lead **March 2012 – March 2013**

- Performs duties and meets responsibilities as outlined in the Tetra Tech and African Barrick Gold Agreement and Guidelines contract.
- Conduct water quality testing such as Arsenic, Nickel, Nitrates, Iron and Manganese, TDS, Conductivity, Sulfates, PH and ORP.
- Oversee the daily activities of 4 Microfiltration units which can produce 72 m3 per hr.
- Oversee the daily activities of 2 Reverse Osmosis trains that each one produces 72 m3 per hr. and 1 Clarifier for coagulation and flocculation purposes.
- Act as a liaison between Tetra Tech, African Barrick Gold and Proxa which is the contract operations group.
- Training of Tanzanian nationals in the operation and maintenance of the water treatment facility and water quality monitoring.
- The use of chemicals such as: Ferric Chloride, Sulphuric Acid, Lime, Soda Ash, and Sodium Peroxide.
- Responsible for maintaining consumables such as; Lab supplies, RO membranes, cartridge filters and misc items which directly deal with the water treatment plant.
- SCADA, Chlorination and Supervision.

Mansoor International Development Services, Kabul Afghanistan. (Contract Work)
Rowpu Manager December 2010 – January 2012

- Performs duties and meets responsibilities as outlined in the MIDS Agreement and Guidelines contract.
- Operate within program expense budget.
- Supervise 3 TCN`s
- Responsible for the production and daily activities of a 25 m3 Dutch and U.S. 3K per hr. military Reverse Osmosis units for Camp Holland.
- Conduct water quality testing as required.
- Working with Sodium hypochlorite, Sulphuric acid, and a descaling agent for hard water.
- Oversight on 4 production wells which were submersible type.
- Interacted with Australian base command on water system issues.
- Interacted with U.S. Public health inspectors.
- Preventative and reactive maintenance on 10 canned boosters. (DP and Grundfos type)
- Change out on filter units on the U.S. and Dutch units.
- Somewhat of a working knowledge of Dutch.
- Responsible for the renewal of said contract through COR to gain valuable revenue for the company

American Samoa Power Authority, Pago Pago America Samoa, U.S.A. (Contract work)
Senior Water System Operator DRC July 2009 – August 2010

- Performs duties and meets responsibilities as outlined in the ASPA Power Agreement and Guidelines contract.
- Assisted the division manager in the supervision of subordinate staff.
- Oversight on the preventative and reactive maintenance of Grundfos submersible wells and canned boosters. (Grundfos type)
- Operate within program expense budget.
- Plan, implement, and conduct quality training as requested.
- Procured tools and materials relating to the distribution dept.
- Creating water outages to the public via the media.
- Assisted with the reconfiguration of the water system.
- Implemented and maintained a pressure regulating valve program.
- Implemented and maintained, a hydrant program which included painting, color coded and fire flowing all hydrants island wide.
- Implemented an island wide leak detection program.
- Monitor and inspected work of pipeline contractors.
- Acting as a liaison between ESD and Water Operations division.

- Dealings with ASEPA on bacteriological sampling on wells and distribution system issues.

Guam Waterworks Authority, Tammuning, Guam, U.S.A (Contract Work)
Direct Responsible Charge Operator Supervisor
June 2005 – June 2009

- Performs duties and meets responsibilities as outlined in the Guam Federal EPA\GWA Agreement and Guidelines contract.
- Responsible for the supervision of 16 personnel and a 40,000-service connection water system with the assistance from my GWA counterpart.
- Operate within program expense budget, saved GWA money by utilizing local forces and moving away from contractor utilization on CAPEX projects
- Plan, implement, and conduct quality training as requested.
- Conduct inspections on facilities lacking meter service protection.
- Fabricate/Install and repair mains, services, hydrants, valves, and fire services.
- Implemented and maintained a pressure regulating valve program.
- Implemented and maintained, a hydrant program which included painting, color coded and fire flowing all hydrants island wide.
- Procured tools and materials relating to the distribution dept.
- Creating water outages to the public via the media.
- Assisted with the reconfiguration of post WW2 water system.
- Monitor and inspect work done by pipeline and building contractors.

Camp Dresser McKee, Glendale CA
Plant Operator II October 2003 – January 2005

- Oversee the daily operations of a 7.1 MGD LPGAC, VPGAC units and two Air Stripping Towers.
- Responsible for the source and plant samples.
- Chlorination and Plant Maintenance.
- Oversee carbon change outs on LPGAC and VPGAC units.
- Oversee the daily operation of 8 extraction wells which were multi stage vertical turbine pump and motor.
- SCADA
- Bed expansions on the LPGAC units.
- Obtained air quality samples through VPGAC units and assisted plant supervisor in routing and creating all monthly reports to the proper agencies.

Y&T Utilities, Duarte, CA
Owner/Operator November 2001 – June 2005

- Oversee the daily operations of 4 Mutual Water Companies and 1 L.A. County facility.
- Act as liaison between D.H.S. and the Mutual Water Companies.
- Complete all monthly DHS and L.A. County reports.
- Act as liaison between San Gabriel Valley Water Master and the Mutuals in the lease of water rights which results in substantial revenue gain every year.
- Responsible for the source and distribution samples.
- Setting up accounts with Clinical Lab of San Bernardino.
- Main, Service, and Hydrant repair.
- Chlorination, Air Stripping and Collections.
- Responsible for the operation of multi stage vertical turbine and submersible pumps.

City of South Pasadena, South Pasadena, CA
Customer Service/Distribution Supervisor
May 1998 – November 2001

- Supervise 6 service persons; fill in for Water Supply Supervisor when needed.
- Prepare annual budget reports.
- Implemented a large and small meter exchange program.
- Implemented a gate valve exercise maintenance program.
- Implemented and completed a hydrant replacement program.
- Oversee the daily operations of Customer Service and Distribution departments.
- Audit and purchase all material relating to the water department.
- Audit all back-flow prevention testers, locate and record all assemblies, currently not on test.
- Fabricate/Install and repair water mains, services, hydrants, and fire services.
- Responsible for the daily Underground Service Alerts.
- Maintained and repaired all pressure relief and sustaining valves in the distribution system.
- Monitor and inspect work done by building and pipeline contractors.

Valencia Heights Water Company, West Covina, CA
Service Foreman May 1996 – May 1998

- Supervise 3 service persons; fill in for General Manager when needed.
- Responsible for the collection of distribution samples, source and special samples.

- Conduct field investigations for water quality complaints.
- Prepare all Department of Health responses and reports as directed by the General Manager.
- Audit all back-flow prevention testers, locate and record all assemblies currently not on test.
- Fabricate/Install and repair mains, services, hydrants, and fire services.
- Chlorination plant maintenance, meter reading, and collections.
- Installation and maintenance of split case and vertical canned boosters.
- Responsible for the daily Underground Service Alerts.
- Maintain and repaired all pressure relief valves in the distribution system.
- Made flow changes accordingly.

Steve Orellana, WW3, T2, D3

Senior Water & Wastewater Operator / CPO

H2O urban solutions

Certifications and Licenses:

Grade 3 Wastewater Treatment, State of California

Grade 2 Water Treatment, State of California

Grade 2 Water Distribution, State of California

Applied for Treatment Grade 3 Exam, and CWEA Lab Analyst Grade 1 Exam (May 2023)

ACI Flatwork Finisher Technician Grade 1 (Expired)

LEED AP BD + C (Expired)

Education:

B.S. in Concrete Industry Management (CIM)
CSU Chico - Chico, CA
January 2013

Diploma
Temecula Valley High School - Temecula, CA

Expertise:

Water Treatment Operations

Water distribution systems

Wastewater Treatment Systems

Wastewater Treatment Experience

Regulatory Reporting

Mr. Orellana will join H2O Urban Solutions if selected for the San Simeon CSD Contract Water and Wastewater Operations Services and continue to perform as the Chief Plant Operator (CPO) an experienced triple certified water and wastewater operator in California.

Steve Orellana is a highly qualified professional with a diverse background in project management and estimation. Currently, he holds the position of District Superintendent and Chief Plant Operator at Grace Environmental Services in San Simeon, CA. In this role, Steve is responsible for overseeing the daily operations of the wastewater treatment plant (WWTP). His duties include conducting operational tasks and rounds at the WWTP, operating filtration and reverse osmosis systems, maintaining equipment, and ensuring compliance with state regulations. Additionally, he manages water treatment operations, monitors the SCADA system, and oversees well production. Steve holds certifications from the State Water Resources Control Board (SWRCB) in Wastewater Operator Grade 3, Treatment Grade 2, and Distribution Grade 2, demonstrating his expertise in the field.

Steve's professional experience extends beyond the water and wastewater sector. He has worked as an estimator and project manager for various construction companies, including Souza Construction Inc., Oxford Corporate/Oxford Suites, Pacific Structures, The Conco Companies, and Structural Technologies/Pullman SST. In these roles, he has estimated and managed projects of varying scales, ranging from $200,000 to over $21,000,000. Steve's project management skills encompass tasks such as coordinating project activities, handling project documents, communicating with stakeholders, and overseeing subcontractors. His extensive experience in estimation, cost analysis, and document control showcases his ability to handle complex projects efficiently.

In addition to his professional experience, Steve holds a Bachelor's Degree in Concrete Industry Management from California State University, Chico, where he also completed a minor in Business Administration. He has also acquired certifications such as ACI Flatwork Finisher Technician Grade 1 (expired) and LEED AP BD + C (expired). Steve is committed to professional growth and continues to pursue further certifications, including the Treatment Grade 3 Exam and CWEA Lab Analyst Grade 1 Exam.

Overall, Steve Orellana's current role as a wastewater and water operator demonstrates his expertise in managing daily operations, ensuring compliance, and maintaining the efficient functioning of

wastewater treatment plants. His strong background in project management and estimation, coupled with his educational qualifications, make him a valuable professional in the field of water and wastewater management.

Experience:

District Superintendent/CPO – Grace Environmental Services (San Simeon CSD) February 2020 to Present
San Simeon, CA

- Perform Typical Daily Operational Duties and Rounds at the WWTP, Operate the Harmsco Filter System, Operate the Reverse Osmosis System. Maintain the WWTP and WWTP equipment. Upload data to State.
- Manage Daily Water Treatment Operations, Monitor SCADA System and Well Production.
- SWRCB Grade 3 Wastewater, T2, D2

Estimator/Project Manager – Souza Construction Inc. November 2018 to January 2020
San Luis Obispo, CA

- Estimated projects focused around Public Works, Private and Commercial Civil and Underground work, using HCSS Heavy Bid and Heavy Job.
- Managed and Controlled All Project Documents through Timberline Project Management, RFIs & Submittals, Reviewed Cost Reports, Change Orders, coded Invoices, and prepared internal cost analysis.

Project Manager – Oxford Corporate/Oxford Suites (Contract Assignment) October 2017 to November 2018
Paso Robles, CA

- Managed Daily Project Activities, Coordinated all RFIs, Submittals, ASIs, Change Orders, and Billings.
- Interim Superintendent - Managing all Site Activities, and Sub Coordination.
- Controlled All Project Documents through Procore, issuing Drawing Changes, RFIs, Submittals.

Estimator – Pacific Structures November 2016 to October 2017
San Francisco, California

- Estimated projects focused around Retrofit and TI work, in Northern and Southern California, using Timberline Estimating software.
- At Pacific Structures I estimated projects ranging from $200,000 to $10,000,000.

Estimator & Project Manager – The Conco Companies December 2014 to November 2016
Concord, California

- Managed multiple active jobs from the estimating phase through award, into construction and completion of our scope.
- While at Conco, I estimated projects ranging from $500,000 to over $21,000,000.

Project Engineer – Structural Technologies/Pullman SST
September 2014 - December 2014
Benicia, California

- Worked the on BART Powell St. Station Water Intrusion Repair Project, managing project scheduling, quality control of grouting operations and overseeing subcontractor work as well as compliance issues.
- Communicated RFIs and Submittals, Project Updates, and schedules to the owners.

Quality Assurance/R&D Specialist – Structural Technologies
February 2013 to September 2014
Hanover, Maryland

- Worked as the main lab technician. Tested and developed Concrete Mix Designs for different applications and their possible uses in the field.
- Worked on applied research projects with various cementitious products.
- Communicated results and tests to Upper Management and Project Managers in the field.

INTERN EXPERIENCE
2012 Alcatraz Island Field School – Currently known as Concrete Preservation Institute (CPI) Summer 2012

- Worked with the team to complete and restore the Garden Stairs. Worked directly with NPS.
- Worked as the Student Leader as well as worked as the Forming Manager.

2007 Kennedy Jenks Consultants Internship Summer 2007

- Updated GIS and AutoCAD drawings, also creating new drawings for pipeline projects.
- Setup project presentations for various Water Districts, water and wastewater projects

PROJECT MANAGER & ESTIMATING EXPERIENCE (AWARDED PROJECTS)

- City of San Luis Obispo – Railroad District Boardwalk Replacement - $300,000
- Santa Ynez Chumash Museum (Underground Utilities) - $1,700,000
- County of Santa Barbara District 3 & 4 FY2019 Pavement Maintenance - $2,000,000
- Oxford Suites Hotel – Paso Robles - $20,000,000

- Salesforce Tower – Clark Contrustion – $75,000,000
- Highland Hospital Corridor TI – Clark Construction - $3,500,000
- 1110 Jackson St (HUD Housing Oakland) – Branagh Const. - $2,500,000
- Stanford Old Chemistry Bldg – Plant Construction -$4,500,000
- UCSF MRIV and M3606 Retrofit – McCarthy Building Co. - $1,700,000
- Bowles Hall Retrofit – Clark Construction -$2,050,000
- Marea Alta (Bridge Housing) – Cannon Constructors - $8,100,000
- Century Center Towers – Swenson Builders - $21,000,000
- Netflix Albright Theater – Devcon Construction – $850,000
- Marriott Redwood City – Tricorp Group - $3,800,000
- Coleman Highline – Devcon Construction - $3,500,000
- SF Office of the Medical Examiner – Clark Construction. - $2,950,000
- Nvidia Endeavor – Devcon Construction - $10,000,000
- Highland Hospital Retrofit – Clark Construction - $3,100,000
- Artizia SF Westfield Mall – Build Group TI - $100,000

Benjamin "Benny" Magaña, WW2, T2, D3

Water & Wastewater Operator

Certifications and Licenses:

Grade 2 Wastewater Treatment, State of California

Grade 2 Water Treatment, State of California

Grade 3 Water Distribution, State of California

AWWA Cross Connection Control Specialist License

Class B license with School Bus Endorsement, Passenger, Air Brakes and Tank

State of Texas Class C Water Distribution license

State of Texas Class C Wastewater license

Education:

A.A. in Progress
College of the Sequoias - Visalia, CA

Diploma
Monache High School - Porterville, CA

Expertise:

Water Treatment Operations

Water distribution systems

Wastewater Treatment Systems

Wastewater Treatment Experience

Regulatory Reporting

Mr. Magaña has recently joined H2O Urban Solutions as an experienced triple certified water and wastewater operator in California. Benjamin Magaña is a highly qualified wastewater and water operator with extensive experience in managing water and wastewater systems. He holds several licenses and certifications, including a State of California Water Distribution Grade 3 license, Water Treatment Grade 2 license, and Wastewater Treatment Operator Grade 2 license. He is also certified in Utility Management and Finance through Water College University. Benjamin has worked in various roles, including as a Contract Operator, where he served as the lead operator for water and wastewater systems, handling maintenance, inspections, and record-keeping. He also worked as a General Manager at Crockett County Water Control & Improvement District, overseeing day-to-day operations, managing the SCADA system, and handling reporting and budgeting responsibilities. Benjamin's experience also includes working as a Circuit Rider for the California Rural Water Association, providing technical assistance to water systems across the state. He has a strong background in project management, having overseen infrastructure upgrades and improvements totaling millions of dollars. Benjamin is committed to continuous learning and has participated in various training and educational programs throughout his career.

Mr. Magaña is a highly skilled and experienced wastewater and water operator with a diverse background in managing water and wastewater systems. His expertise includes operations, maintenance, reporting, and project management. With his comprehensive licenses, certifications, and proven track record, Benjamin is well-equipped to take on various positions in the field, including Operator, Operations Supervisor, and other key responsibilities for Water/Wastewater. His commitment to excellence, continuous learning, and strong work ethic make him a valuable asset to any agency or district in the industry.

Experience:

CDCR Chuckawalla Valley State Prison (CVSP) Contract Water Treatment & Distribution Operator
H2O Urban Solutions
Blythe, CA
July 2023 – Present

- Oversee the daily operations of Reverse Osmosis and Activated Alumina water treatment plant for high purity water.
- Sample and monitor regular water quality sampling for water treatment and distribution system to 2 prisons CVSP and IWSP.
- Monitor chemical usage, labor time and the procurement of parts.

- Working knowledge of RO, anti-scalant, sodium bisulfite, caustic soda.
- Monitor and Operate several groundwater source wells.
- Most of the Automated Operations was not functional due to failing SCADA and controls, monitoring equipment, motorized valves, chemical feed system loops and monitoring no longer operational. Operations had resorted to almost complete manual operations.

Contract Operator
Provost & Pritchard Consulting Group
Bakersfield, CA
March 2023 to June 2023
Lead operator for water and wastewater systems. Handle the monthly maintenance, inspections of wells and storage tanks, record production meters, submit record of site visits and laboratory sampling.

General Manager
Crockett County Water Control & Improvement District
Ozona, TX
April 2022 to January 2023
Handle the day to day operations and personnel. Manage the SCADA system that controls the waterwells, booster pumps, tanks and lift stations/wastewater plant. Responsible for all water reporting and monthly DMR wastewater reporting to TCEQ. Handle daily, monthly, quarterly and annual reporting. Oversee budget and rates, along with create monthly agendas and minutes for Board Meetings. Work in the field as needed. Oversee project management on wastewater plant and infrastructure improvements and upgrades along with generator upgrades for all well sites totaling up to $15 million and also oversaw annual operating budget of $2.4 million.

Circuit Rider
California Rural Water Association
Sacramento, CA
December 2019 to April 2022
Provide on-site technical assistance in all areas of operations, maintenance, management, security, finance, loan application, health and environmental issues to water systems throughout the State of California.

General Manager
Richgrove Community Services District
Richgrove, CA
February 2017 to December 2021
As General Manager I handle the day to day operations of the Community Service District. I am alsothe District's Chief Water and Wastewater Operator. I take care of all the office duties from reportsto billing to filing property taxes and new projects, to well monitoring, treatment plant operations andparks and recreation. Responsible for overseeing personnel and contractors. Also responsible for

projectmanagement including $9.4 million dollar water improvement project of new well, distribution line of 5miles and new water tank and booster tank. Oversaw $2.4 million dollar park improvement project. Alsoworked on new wastewater treatment plant project for plant upgrade and labor camp tie-in including lift-stations totaling close to $20 million. Responsible for all projects from start to finish.

Water Specialist II
City of Paso Robles
Paso Robles, CA
December 2013 to October 2015

Water Utility Worker
City of Porterville
Porterville, CA
August 2005 to April 2009

Young Northern Elephant Seal comes ashore the beach of San Simeon, part of the Piedras Blancas Colony

Thank You

For the opportunuty to provide the quality services you expect

CONTACT US:

ADDRESS:

P.O. Box 551310
South Lake Tahoe, CA 96155

PHONE:

(916) 869-4957

WEB & EMAIL:

scott@h2ourban.com
www.h2ourban.com

H_2O urban solutions

636 Clarion Ct., San Luis Obispo, CA 93401
(805) 801-4065

July 11, 2023

Karina Tiwana
Acting Board Chair
San Simeon Community Services District
111 Pico Ave., San Simeon, CA 93452

Re: Water / Wastewater Operations RFP

Dear Karina Tiwana:

Thank you for the opportunity to present Nviro's team and qualifications to the San Simeon Community Services District. We are thrilled by the prospect of servicing your water and wastewater needs.

Driven by Nviro's commitment to quality, our team of licensed and certified specialists work to ensure optimal performance of your plant operation. Our full-service offering includes operations, maintenance, compliance, design, construction, and technology support.

Nviro recognizes the importance of monitoring and mitigating potential issues with preventative measures. Most of our clients have come to us through word-of-mouth, citing Nviro's collaborative communication and results-driven approach as driving factors. Today, Nviro serves 30+ clients in operations and maintenance on the Central Coast, including public water and wastewater agencies.

Nviro's local knowledge and comprehensive expertise has equipped our team to readily and effectively service your operation. The following contract proposal outlines our scope of work and methodology, along with our team's experience.

Please reference the Statement of Qualifications for the Executive Summary and use the contact information below for future correspondence. We look forward to your response.

Sincerely,

Todd Waelty
Director, Field Operations

(805) 431-4709
twaelty@nviro.com

JOB #233017P

SAN SIMEON COMMUNITY SERVICES DISTRICT RFP

NVIRO

JULY 14, 2023

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636 Clarion Ct., San Luis Obispo, CA 93401

STATEMENT OF QUALIFICATIONS

ABOUT US

Nviro formed to give clients the experience they want, while protecting the natural resources we need. Our team of licensed and certified specialists self-perform water and wastewater services ranging from new system design and construction to operations, maintenance, compliance, and technology support. We will work with your existing system, or design-build with the preferred specifications, to achieve your objectives. Nviro implements industry-standard, non-proprietary technology in favor of innovation, reduced costs, and clear operating procedures. Ultimately, every decision is guided by how well it benefits Nviro's main stakeholders - our clients, communities, and environment.

RELATED PROJECT EXPERIENCE & QUALIFICATIONS

Contract Operator Tajiguas Resource Center

Perform a monthly service contract for the Materials Recycling Facility (MRF), Anaerobic Digester Facility (ADF), and domestic water system. Wastewater Services include the daily monitoring of remote data streams via SCADA and effluent coliform (MPN) sampling. Conduct weekly wastewater plant inspections (including primary and secondary treatment and filtration units), wash downs, cleaning, and routine maintenance, process control and microbiology treatment operations, routine sample collection and delivery to State Certified Lab, as well as reporting needs repairs and replacement. Manage monthly correspondence with City and State regarding routine operations and reports. Calibrate all pH, DO, and TDS probes, in addition to quarterly and annual sampling, monitoring, and reporting to the State. Water Services include the monthly inspection of well, storage, distribution, and treatment systems, meter read (well), and routine bacteriological sampling, annual nitrate sampling, and delivery to the lab for analysis. Annual water services include reports to the State Water Resource Control Board and County (EAR and CCR).

Contract Operator Irish Hills

Weekly inspection of wells to ensure proper operation for 60 homes. Record readings at treatment plant. Monitor Chlorine use at treatment plant. Chlorine residual check in distribution system. Provide water distribution license for Title 22 compliance. Report needed repair or replacement of equipment. Conduct monthly and quarterly collection of samples as required by County Health, and deliver to a State Certified Lab. Monthly residential meter reads. Submit annual reports to the State Water Resources Control Board and County (CCR and EAR).

Contract Operator Green River Mutual Water Company
Conduct monthly inspections. Perform maintenance and upkeep of drinking water and distribution systems for 120 homes. Weekly Cl2 residual readings and well checks. Monthly sampling to deliver to the lab for analysis. State Water Resource Control Board and County reports (EAR and CCR). Train staff on safe drinking water and distribution practices. Quarterly amperage reading on all motors. Provide water treatment license for Title 22 compliance. Facilitate and organize quarterly, bi-annual, and annual sampling schedules with County Health.

Contract Operator H2O, Inc.
Inspections of two wells, and chlorine residual check in the distribution system twice a month. Perform monthly sampling. Conduct dead end flushing quarterly. Valve cycling and system flushing annually, as well as submit reports to the State Water Resources Control Board and County (CCR and EAR).

Contract Operator Canyon Crest Mutual Benefit Water Company
Inspections of distribution tank, pumps, and motors at tank site to ensure proper operation. Record purchased water meter reading per permit compliance. Chlorine residual check at tank fill line, and add chlorine as needed. Check the lift station. Log all pump run time hours. Provide water distribution license for Title 22 compliance. Report needed repair or replacement of equipment. Minor upkeep to ensure proper operation. Monthly and quarterly sampling and delivery to State Certified laboratory. Leach field inspection. Check for surfacing effluent, monitor inspection ports and caps for breakage and needed repairs. Perform meter reads every two months.

INSURANCE

Insurance Type	Automobile Liability	Umbrella Liability	General Liability	Workers' Compensation
Amount	$1,000,000 (Combined Single Limit)	$5,000,000 (Each Occurrence)	$2,000,000 (Products - Comp/Og Agg)	$1,000,000 (E.L. Disease - Policy Limit)
Amount			$2,000,000 (Each Occurrence)	$1,000,000 (E.L. Disease - Each Employee)
Amount				$1,000,000 (E.L. Each Accident)

NVIRO

Build Treat Sustain

Streamline your plant operation.

Nviro provides a full-service offering, specializing in water and wastewater treatment. We work to maximize value for our clients, while protecting one of the environment's most vital resources. With a diverse team of industry licensed and certified specialists, our purpose remains the same — to sustain the e**nviro**nment.

Our Services

Operations

Monitor plant performance by conducting inspections, treating, and taking samples.

Maintenance

Perform preventive maintenance, vacuum truck services, and emergency response.

Compliance

Uphold regulations by managing the sample collection schedule and submitting reports.

Design

Custom design water and wastewater treatment systems based on client's unique needs.

Construction

Build water and wastewater treatment plants, reservoirs, and perform upgrades.

Technology

Automate reporting with data driven solutions, and update SCADA systems and controls.

CA License #1056567
CA WW Treatment Plant Operator #0272

(805) 801-4065
info@nviro.com

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San Luis Obispo, CA 93401

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LICENSES AND CERTIFICATIONS SUMMARY

WATER OPERATIONS	WASTEWATER OPERATIONS	LICENSES	EDUCATION	SAFETY CERTIFICATIONS
CA Water Treatment Certificate Grades 3, 4	CA Wastewater Treatment Certificate Grades I - V	CA Class A and B Contractor's License No. 1056567	Bachelor of Science in Environmental Services	Confined Space
CA Water Distribution Certificate Grade 3	CA Wastewater Treatment Plant Operator #0272	CA Commercial Class A Driver's License and Tanker Endorsement	Bachelor of Science in Environmental Engineering	OSHA 10
Water Treatment Grade T2 - T4		CA Registered Professional Engineer	Bachelor of Science in Architectural Engineering, Minor in Construction Management	OSHA 30
Water Distribution Operator Grade D2		CA Registered Environmental Health Specialist	Master of Science in Civil and Environmental Engineering	First Aid / CPR

NVIRO
636 Clarion Ct., San Luis Obispo, CA 93401
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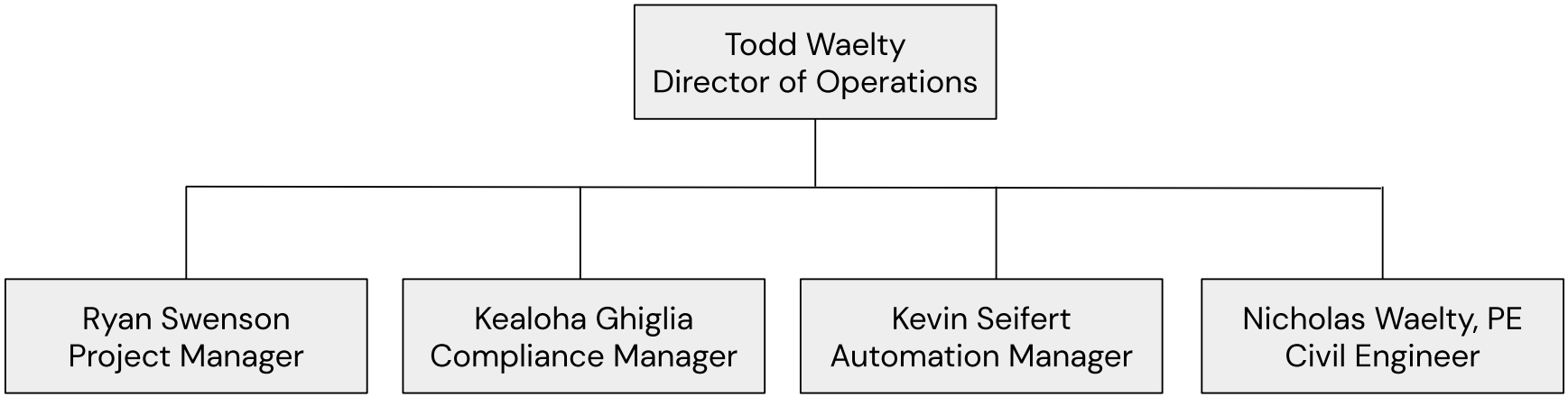
EXECUTIVE ORGANIZATIONAL CHART



636 Clarion Ct., San Luis Obispo, CA 93401
(805) 801-4065

EXECUTIVE SUMMARY

Todd Waelty is Nviro's Director of Operations and has over 20 years of experience in water and wastewater treatment. As a Grade 3 Water Operator and Grade III Wastewater Operator, Todd has successfully led and managed both types of operations throughout all phases of the project lifecycle. Todd's background combined with his collaborative approach to problem-solving makes him a highly-qualified and preferred partner.

Ryan Swenson is Nviro's Project Manager and has managed both public and private construction projects ranging from 1 - 200M in value over the last decade. With a specialization in cost-estimating, Ryan leverages this skill in helping clients achieve their budget criteria while clearly communicating the benefit analysis to inform decision-making.

Kealoha Ghiglia is Nviro's Compliance Manager and has 13 years of experience, which includes being a regulator as well as a liaison between clients and agencies. This balanced perspective allows her to most effectively advocate for Nviro's clients, while satisfying environmental health criteria with routine lab sampling and reporting. Her background working in San Luis Obispo County, combined with her status as a Registered Environmental Health Specialist in California, has equipped her to support a variety of operations.

Kevin Seifert is Nviro's Automation Manager and has over 30 years of experience supporting public utilities' plant automation systems in San Luis Obispo and Santa Barbara counties. His background includes performing the design, build, and troubleshooting of these systems to ensure effective plant monitoring. Kevin also oversees Nviro's UL 508A Industrial Panel Shop Program, which certifies all constructed panels meet the highest standards for quality.

Nicholas (Nick) Waelty is a California registered Professional Engineer and has nearly two decades of experience in water resources. Beginning his career as a water treatment operator has given Nick relevant insight into what he does now as a Civil Engineer. Nick's track record of maintaining water quality and upholding safety on California based utility projects makes him a critical team member.

Todd Waelty

Director of Operations

EXPERIENCE

Grade III Supervisor — *5 Yrs.*

Supervised, directed, and motivated utility crews, plant operators, sub contractors, and OITs. Troubleshooted and resolved complex wastewater and water treatment issues to maintain compliance with WDR, NPDES, and Title 22 drinking water standards.

Maintenance and Construction Utility 3 Operator — *8 Yrs.*

Performed the maintenance and repair of 13 surface water treatment plants. Conducted the operation, maintenance and repair of 13 distribution systems including clavalves, meters, hot taps, mainline install, mainline repair, backflow preventers, pumps, motors, VFDs and tanks. Built three T3 water treatment plants, replacing a D2 distribution system, and multiple million+ gallon tank pads and retaining walls. Collected wastewater, constructed new lift stations and collection lines, as well as retrofit repair. Rebuilt a wastewater Grade III plant.

Private Contract Operations Manager — *10 Yrs.*

Managed operations for private utilities, including well surface water treatment, distribution, maintenance, and repair.

PROJECTS

Reclamation Reservoir Retrofit and Expansion

Excavated, dewatered, lined earthen dam, and installed an irrigation pump station on a 1600 acre ft reservoir. Built PLC, level controls, a sampling station, a 20 acre mister field and 20 acre water cannon field underground.

Sierra Conservation Center/ California Men's Colony

Designated Operator-In-Charge for a Grade IV wastewater system. Responsible for the overall operation, including compliance with the WDR & NPDES permits. Daily and monthly operations of dewatering mixed liquor, with two GEA CD536 centrifuges. Sampling, reporting, hauling management of wastewater solids and sludge.

Big Hill Water Treatment Plant and Distribution Build + Monte Grande Water Treatment Plant Build

Both systems were condemned by SWRCB and given grants to rebuild. Raw water storage reservoirs were drained, sludge dewatered, sampled and land applied. Water treatment plants were relocated and rebuilt, the facilities and distribution systems rebuilt from the ground up. Performed construction on the entire project including the design, grading, dewatering sludge, compacting, underground electrical, underground plumbing, concrete retaining walls, slabs, multimedia surface water treatment skids, service lines, meters, clavalves, valves, electrical, controls, and SCADA.

Law and Justice Lift Station Build

Installed a wet well lift station with duplex pumps, backup generator, PLC, SCADA, and forced main to connect with the manhole.

CERTIFICATIONS

California Water Treatment Certificate, Grade 3, No. 32446

California Water Distribution Certificate, Grade 3, No. 33457

California Wastewater Treatment Certificate, Grade III, No. 41896

LICENSES

California General Engineering Contractor License No. 1056567

California Commercial Class A Driver's License with Tanker Endorsement

SKILLS

Inspections, Maintenance, and Troubleshooting

Construction: Grade III surface water treatment plants

Hot Taps: Ranging from ¾ in. to 18 in.

Heavy Equipment Operation

Permits + Reports: EPA, Regional Water Quality Control Board, APCD, California Air Resources Control Board, State Water Resources Control Board, CalTrans, SLO County Public Works + Health Department, CEQA, OSHA, and USA Alert

Ryan Swenson

Project Manager

EXPERIENCE

Division Project Manager — *3 Yrs.*

Responsible for delivering on Federal and Public Works project objectives. Effectively guided project managers, engineers, and field personnel throughout the construction lifecycle from preconstruction to project closeout.

Preconstruction Manager — *3 Yrs.*

Led the preconstruction planning for public and private projects ranging from 1 - 30M. Compiled defensible cost estimates. Participated in design decisions, value engineering analysis, scheduling, and constructability reviews. Negotiated project construction services.

Project Manager — *4 Yrs.*

Managed commercial construction projects across the West Coast ranging from 5 - 200M. Tracked and upheld project schedules and budgets. Vetted, selected, and managed subcontractors. Sourced project equipment and materials. Ensured compliance with safety regulations.

PROJECTS

Dewatering Screw Upgrade

Managed the design scope, estimate, shop drawings, and procurement of a new dewatering screw at an industrial wastewater treatment plant. Coordinated with facility and subcontractors for installation, commissioning, and staff training.

Design-Build Wastewater Treatment Plant

Managed the design and construction of a 100,000 GPD wastewater treatment plant. Treatment included a trickling filter, activated sludge, and clarifier. Procurement of all project materials and equipment. Partnered cross-functionally with Structural and Civil Engineers, and subcontractors.

Lift Station Emergency

Managed the urgent response to a duplex 15 hp sewage wastewater lift station. Assembled a team to prevent overflow into receiving waters. Expedite procurement of a replacement for failed pumps. Provided 24/7 vacuum truck services. Upgraded panel to prevent future issues.

EDUCATION

California Polytechnic State University, San Luis Obispo

Bachelor of Science, Architectural Engineering, Minor in Construction -2010
Masters of Business Administration - 2012

CERTIFICATIONS

OSHA 10 + 30

SKILLS

Project Software: Bluebeam, Revit, Procore, and Smartsheets

Cost Estimating

Construction Management

Subcontractor Management

Budget Tracking

Self-Perform Construction

Project Safety

Kealoha Ghiglia

Compliance Manager

EXPERIENCE

Compliance Manager — *1 Yr.*

Coordinated and managed existing and new reporting requirements initiated by Government and Regulatory Agencies for water and wastewater systems. Reviewed and interpreted rules and regulations pertaining to water, wastewater, industrial waste, and stormwater facilities.

Environmental Health Specialist — *7 Yrs.*

Independently managed three regulatory programs within Environmental Health Services. Enforced State Water Resources Control Board Division of Drinking Water statutes and regulations for approximately 125 public water systems and 25 State Small water systems within San Luis Obispo (SLO) County.

Environmental Planner — *5 Yrs.*

Prepared environmental documents pursuant to the California Environmental Quality Act (CEQA). Managed a variety of projects across residential and commercial development, water rights, water wells, school facilities, etc.

PROJECTS

SLO County, Drinking Water Program

Managed day-to-day regulatory program for public water systems of less than 200 connections, including water quality monitoring, facility inspections, permitting, reporting, data maintenance, and enforcement actions. Coordinated directly with State Division of Drinking Water (DDW) branches, including Field Operations and Program Management branches.

SLO County, Environmental Health Land Use Program

Reviewed, commented, and approved environmental health-related activities in proposed land use projects, including tract maps, subdivisions, and use permits, as well as building permits. Coordinated with staff in County Planning & Building and utilized Energov software platform to document status and conditions.

SLO County, Per- and Polyfluroalkyl Substances (PFAS) Investigation

Facilitated monitoring of public drinking water wells within San Luis Obispo County with potential for PFAS contamination. Coordinated directly with Central Coast Regional Water Quality Control Board and DDW to maintain and analyze data. Coordinated multi-agency meetings, including local municipalities and State funding staff, to plan long-term solutions for regional contamination.

EDUCATION

University of California, Santa Barbara

Bachelor of Science, Pharmacology - 2002

LICENSE

Registered Environmental Health Specialist, State of California

SKILLS

Regulatory Compliance

State Reporting

Water System Permitting

Well & Water System Inspections

SLO County Planning & Building Permitting Software, Energov

State Data Reporting Tools: Safe Drinking Water Information System (SDWIS), Electronic Annual Reporting System, and Geotracker

Kevin Seifert

Automation Manager

EXPERIENCE

Automation Manager — *10 Yrs.*

Spearheaded the integration of automation systems for Public and Private utilities, as well as Oil and Gas Production clients.

Automation Technician — *20 Yrs.*

Designed, built, and troubleshooted SCADA, motor control panes, PLC Ladder Logic programs, Radio Telemetry, Liquid Level and Flow Instrumentation, and Electrical Systems up to 480 VAC for Municipal, Oil and Gas, and Community water and wastewater systems.

PROJECTS

City of Buellton

Designed and built a SCADA system for two water treatment plants, three water well sites, three sewage lift stations and the wastewater treatment plant using Rockwell Automation PLCs, MDS radios, and ClearSCADA software.

City of Solvang WWTP

Complete rewrite of the Rockwell Automation ControlLogix PLC program that controls three Sequential Batch Reactors. Built new high-performance SCADA screens using Rockwell Automation FactoryTalk SE with PlantPAx objects, and added FactoryTalk Historian. Integrated new Aerzen blowers and the large bubble mixing system packages via Ethernet I/P.

Santa Ynez River Water Conservation District

Integrated eight water wells into an existing SCADA system using Rugid Computer RTUs, VHF serial radios, and Lookout SCADA software.

Woodstock Homeowner's Association

Designed and built a SCADA system for this community water system consisting of four water wells, two booster stations, and a cistern using Rugid Computer RTUs, UHF serial radios, and Fultek WINTR SCADA software.

Laguna County Sanitation District

Integrated a brine injection well, recycled water master metering station, outfall metering station, and a sewage lift station into an existing Wonderware Intouch SCADA system using Elpro radio gateways interfaced with a Rockwell Automation SLC/503 PLC by DeviceNET protocol.

SKILLS

Industrial Electrical Construction

SCADA System Integration: Design, Project Management, SCADA and PLC programming

SCADA Software: Proficient in Wonderware, ClearSCADA, and FactoryTalk

PLCs: Rockwell Automation, Koyo, Rugid Computer, and Modicon

Instrument Troubleshooting and Calibration

Wired and Wireless Data Communications

Motor Controls and Relay Logic

Panel Design and Construction

Variable Frequency Drives

Process Troubleshooting

Safety

Nicholas Waelty, PE

Civil Engineer

EXPERIENCE

Water Resources Civil Engineer — *6 Yrs.*

Supervised water and power planning operations to maintain water quality and safety conditions for a California aqueduct. Represented public utilities at internal and external meetings. Interacted with engineering organizations by reviewing project proposals. Provided engineering support, including calculations for regional pipeline, valves, and appurtenances; dams, spillways, gates; analyses of power generation reservoir transfers, water quality, historic weather and operation patterns, and others.

Sanitary Civil Engineer — *9 Yrs.*

Reviewed and commented on engineering project design. Specifications, drawing, and costs. Actively ensured compliance with all water quality regulations, and maintained high quality drinking water. Created permits and engineering reports for UV disinfection of three water systems. Responded to operational issues and water quality emergencies for source water protection and potable water.

Water Treatment Operator — *4 Yrs.*

Maintained regulatory compliance for surface water treatment plants. Operated, repaired, and maintained district surface and groundwater treatment facilities. Interpreted lab results, chart and meter readings for analyzing plant efficiency.

PROJECTS

Hetch Hetchy Reservoir and Aqueduct Capital Improvement Projects

Operations liaison for large capital improvement Projects on the Upcountry portions of the Hetch Hetchy Aqueduct. This included reviewing engineering drawings, specifications, calculations, and work products to ensure accuracy and conformance with standards. Using hydraulic models, including Infowater, LiQT, and Synergi to ensure operability of improved aqueduct assets. I also maintain the primary SFPUC hydrologic databases and resolve data requests from internal and external agencies.

San Joaquin Pipeline Operations Improvements

Develop and run numeric engineering models of the San Joaquin Pipeline deliveries under varying configurations, head and flow conditions; mainly in Synergi and LiQT software models. Develop and maintain databases (Kisters "WISKI") of relevant operations, water quality, hydrologic and environmental data.

EDUCATION

University of California, Santa Barbara

Bachelor of Science, Environmental Studies -2004

CERTIFICATIONS

California Water Treatment Operator, Grade 4, No. 26891

California Water Distribution Operator, Grade 3, No. 34088

LICENSE

Professional Engineer Civil Engineer License, No. 84792

SKILLS

Civil Engineering

WISKI (Kisters)

Synergi Water -Static Hydraulic Modeling

LIQT - Dynamic Hydraulic Modeling

Geographic Information Systems (ArcGIS)

Project Design

Engineering Reports

Compliance Permits

Drinking Water Quality

AFFILIATIONS

American Water Works Association (AWWA)

American Society of Civil Engineers

Bryan Seifert

Superintendent

EXPERIENCE

Project Superintendent — *12 Yrs.*

Coordinate, manage and oversee all onsite activities, personnel and subcontractors. Schedule and procure materials. Maintain project schedule, attend all project meetings with regulatory agencies. Construct water and wastewater facilities including water distribution mains, sewer collection systems, water booster stations, sewer lift stations and wastewater treatment plants.

System Supervisor — *7 Yrs.*

Performed maintenance, troubleshooted, and repaired water/wastewater treatment plants, including distribution and collection systems. Performed sampling for water treatment, distribution and wastewater treatment. Maintained all reporting requirements for County and State Health Departments. Constructed new facilities including water and wastewater pump stations, treatment plant, distribution and collection systems.

Maintenance Tech System Operator — *9 Yrs.*

Operated water system treatment and distribution facilities. Performed maintenance on water treatment and distribution systems. Troubleshooted and repaired water and wastewater pump stations. Assisted with the installation of SCADA systems, as well as the assembly and installation of pump station control panels.

PROJECTS

San Miguelito Mutual Water Company Wastewater Treatment Plant Upgrade

Designed, planned, and executed the sludge removal, liner and baffle replacement. Replaced aeration equipment. Restarted the Wastewater Treatment Plant process to restore California State Water Resources Control Board discharge requirements.

Los Osos Wastewater Treatment Plant

Assisted with the plant's initial start-up. Led the efforts for the collection system to develop operations. Established the collection system processes and procedures for daily and emergency operation.

EDUCATION COURSES

California State University, Sacramento

Water Distribution System: Facilities - 2011
Water Treatment Plant Operation Vol. 1 - 2014
Water Treatment Plant Operation Vol. 2 - 2015
Operation of Wastewater Treatment Plants - 2015

CERTIFICATIONS

California Water Treatment Certificate, Grade T3, No. 20771

California Water Distribution Certificate, Grade D2, No. 19443

California Wastewater Treatment Certificate, Grade I, 42973

SKILLS

Electrical Motor Troubleshooting

Construction of Water and Wastewater Infrastructure

Water and Wastewater Underground Infrastructure

Preventive Tank Maintenance

Confined Space

Smoke Testing Inflow and Infiltration

Heavy Equipment Operation

Permits + Reports: Regional Water Quality Control Board, APCD, State Water Resources Control Board, CalTrans, SLO County Public Works + Health Department, CEQA, OSHA, and USA Alert

Work Plan Overview

SUMMARY OF UNDERSTANDING

San Simeon Community Services District (SSCSD of the District) manages water and wastewater facilities for the community of San Simeon. Nviro's work plan is based on the following understanding of the District's facilities and infrastructure, as well as the applicable regulatory requirements.

PUBLIC WATER SYSTEM

The District's water system is permitted as a Community Water System (CA4000568) through the State Water Resources Control Board (SWRCB) Division of Drinking Water (DDW).

San Simeon Community Service District (SSCSD) sources its water from two groundwater wells located north of the community, between SSCSD's offices and Pico Creek, to the north. There is a third, small capacity well available for intermittent District use on the Hearst property. The third well is typically used for dilution when the main two wells are under the influence of high chloride intrusion. According to the SSCSD Master Plan document, Well 1 was constructed in 1952 and has a 12 inch diameter well casing with a total depth of 47 feet. Well 2 was constructed in 1967 also with a 12 inch casing and to a depth of 60 feet.

Disinfection is with liquid chlorine injected downstream of the wellhead in the discharge pipeline. The disinfected water is pumped east to the SSCSD's finished water reservoir, which is a 0.15 MG underground concrete tank.

Near to the SSCSD office is a reverse osmosis (RO) filtration facility. The RO facility is used to treat high chloride levels in Wells 1 & 2. When high chloride levels are detected, flow is diverted from the well head, treated to Title 22 standards, and pumped into the finished water storage tank.

The finished water reservoir feeds the only pressure zone in the SSCSD's distribution system. The SSCSD distribution system is made up of 6 and 8 inch asbestos cement pipelines, with a small amount of PVC of various sizes. The pipe bridge near the wastewater treatment plant is ductile iron. There is approximately 10,500 linear feet of mainline with associated customer meters, fire hydrants, valves, and other appurtenances.

Monitoring and reporting for the water system is performed in accordance with designation as a Community Water System. Monitoring includes monthly, quarterly, annual, and extended year monitoring for the full list of primary and secondary contaminants, in addition to daily disinfection residual monitoring. Routine reporting occurs annually for both Consumer Confidence Reports and Electronic Annual Reports. It's important to note that the drinking water regulatory landscape is ever growing and changing, and updates to the

requirements are likely to occur every couple of years if not more frequently. For example, upcoming changes could include: Drought and Conservation Reporting, updates to hexavalent chrome monitoring, presence of PFAs chemicals, and updates to the cross connection control policies.

WASTEWATER TREATMENT

The District's wastewater discharge requirements (WDRs) are regulated under the Regional Water Quality Control Board Central Coast Region (RWQCB) Order No. R3-2022-0003 and NPDES No. CA0047961.

Facilities include a wastewater collection, treatment, and disposal facility, which provides service to the community of San Simeon and the Hearst San Simeon National Historic Monument Visitor Center. The Facility receives domestic and commercial wastewater and currently serves a population of approximately 462 people. The Facility also receives intermittent flows of reverse osmosis concentrate from the San Simeon Community Services District drinking water treatment facility. The wastewater collection system is composed of approximately 1.6 miles of predominantly 6-inch diameter pipe.

The existing treatment plant has been in operation since 1961 and is considered a secondary treatment facility. The treatment system consists of a comminutor, a 90,000-gallon equalization basin, four activated sludge tanks, four clarifiers, a chlorine contact chamber, and de-chlorination.

Wastewater is discharged via an 800-foot ocean outfall at Discharge Point 001 (see facilities attachment) to the Pacific Ocean, a water of the United States. The minimum initial dilution ratio of seawater to effluent is 115:1.

A tertiary treatment package unit was constructed in 2012 to provide recycled water for irrigation use within the service area.

Biosolids from the clarifiers are pumped to a spare aeration basin which is used as an aerobic digester. When solids concentration exceeds 2 percent, the contents are pumped to another sludge storage tank. Approximately once per month, 6,000 gallons of the concentrated biosolids are trucked to Synagro (formerly Liberty Composting), Lost Hills, California for disposal.

Monitoring and reporting requirements are specified in the WDRs, and include daily, weekly, monthly, annual, and biannual frequencies for various parameters. Monitoring for influent, effluent, recycled water, receiving waters, biosolids, and hauled saline waste samples are detailed in the Monitoring and Reporting Program, along with reporting frequencies, which are mostly monthly or annually.

EMERGENCY RESPONSE

Nviro will provide safe, reliable, and responsive emergency services to San Simeon Community Services District. The Emergency Response Plan (ERP) would outline the following:

1. Utility Information
    1. Utility Overview
    2. Personnel Information
    3. Utility Components
    4. Chemical Handling and Storage Facilities
    5. Safety
    6. Response Resources
    7. Key Local Services
2. Resilience Strategies
    1. Emergency Response Roles
    2. Incident Command System
    3. Communication
    4. Media Outreach and Risk Communication
    5. Public Notification Templates
3. Emergency Plans and Procedures
    1. Core Response Procedures
    2. Incident-Specific Response Procedures
4. Mitigation Actions
    1. Storage and Treatment Mitigation Actions
    2. Other Mitigation Actions
5. Detections Strategies
    1. Unauthorized Entry
    2. Water and / or Wastewater Contamination
    3. Cyber Intrusion
    4. Hazardous Chemical Release
    5. Natural Hazards
    6. Power Outages

After Hours, Weekends, and Holidays

Nviro uses an On-Call Service Provider to offer live coverage and continued support after hours, weekends, and holidays. Your operation would receive highly trained, professional agents, who answer when contacted and direct accordingly. The agent would connect your operation with Nviro's designated on-call employee (per the rotation schedule) to effectively respond within the required time-limit.

SUMMARY

Nviro maintains strong relationships with local and State regulators to ensure a high standard of compliance is achieved with both existing and upcoming regulations. Operation and Work Plans will be further developed should Nviro be selected as the contract operator. Detailed Draft Work Plans are included in Exhibit 1 of the Supplemental Materials attached to the proposal.

In addition, Nviro has a full line of equipment needed to perform emergency, construction, and maintenance projects including:

- Vacuum Truck
- Vacuum Trailer
- Telehandler
- Excavator
- Loader
- Boom lift
- Service Trucks
- Full Service Automation and Electrical Department
- Underground Utility Locator
- Confined Space Equipment
- Materials Inventory
- Fully equipped Operator Trucks
- Welder / Generator
- Instrument Calibration Equipment
- UL508A Panel Builder

Nviro is excited about the opportunity to provide services for a small, local CSD. The District's values are aligned with Nviro's core values of providing safe, clean water to residents, responsible treatment of wastewater, and beneficial re-use of wastewater while protecting our natural resources. Nviro also understands the unique challenges the District faces as a small CSD with limited revenues in a drought afflicted area, where coastal and tourism influences are also at play. Should Nviro be selected, we will ensure that all resources, human, economic, and natural alike, will be managed and leveraged in a balanced approach.

Work Plan Scope and Cost

The below outlines the scope inclusions and exclusions and corresponding fee estimate. Additional clarifications are likely needed for any scope changes upon further discussions.

SCOPE

Inclusions

Weekdays:

- Remote monitoring of SCADA system.
- Provide day to day facility preventative, corrective maintenance, repair, and operation using standard hand tools. Provide recommendations for improvements in accordance with state regulations including testing and reporting.
- Provide emergency response for public safety and environmental protection, after hours, on weekends, and holidays as necessary. Nviro will respond to calls regarding facility emergencies within sixty (60) minutes, and if necessary be able to physically report to the District within sixty (60) minutes.*
- Provide (1) on-site licensed staff eight (8) hours per day, Monday through Friday. See clarifications / exclusions for weekend work.*
- Collect and analyze samples for operational testing and reporting as required for governmental reporting. Lab fees paid direct to lab by client (refer to exclusions).
- Dispose of water and wastewater sludge and byproducts in a manner approved by State regulations.*
- Perform turn-on and turn-off services directly related to the proper care and maintenance of the facility.
- Respond to all collection system callouts to assess responsibility.*
- Perform weed abatement as needed.

Weekly:

- Inspections of wastewater plant and dewatering system.
- Wash downs, cleaning, and weekly maintenance.
- Process control and microbiology treatment operations.
- Weekly sample collection for State Certified Lab pickup.
- Report needed repair or replacement of equipment.

Monthly:

- Clean, calibrate, inspect all pH, DO, and level sensors.
- Provide monthly operations and summary reports to District General Manager.
- Assist the District General Manager and staff with meter reading and reporting. (Nviro's understanding is that billing, payments, accounting to be completed under the General Manager's scope.)
- Prepare and submit regular monthly and/or yearly compliance reports as required by the Regional Water Quality Control Board and Division of Drinking Water or any other local, state, or federal agency.
- A representative shall attend regular Board meetings where questions and inquiries related to the scope of services is involved as requested by the Board.*

Semi Annual:

- Perform hydrant testing and manual inspection and cleaning.
- Perform semiannual street sweeping.*
- Regular system flushing through fire hydrants.

Annual:

- Calibrate flow meters.
- Perform sewer collection cleaning annually and inspect and report on manholes needing repair.*
- Regulatory Inspections.
- State Water Resource Control Board and County annual reports (EAR and Consumer Confidence Report);

Clarifications / Exclusions

***Asterisks denote services that will be billed directly to District or on a T&M basis due to as-needed requirements and/or subcontracted services, such as but not limited to the following: weekends/holidays, street sweeping, annual sewer cleaning, board meeting attendance, etc.**

Specific Clarifications and/or Exclusions:

- Extra maintenance will be billed separately from Operations contract.
- Client will retain lab services and pay costs directly to certified lab, such as Abalone Coast Analytical.
- All services are for/during business days (Monday to Friday) during normal hours.

- Excluded are any specialty labor wages if required by federal or state agencies (such as Davis-Bacon Act, Prevailing Wages, etc.).
- Facility maintenance, electrical power, etc. paid directly by client
- Excluded is overtime for weekends and company holidays. To be billed on T&M if required.
- Client to pay costs directly for chemicals and similar consumables.
- Printing and distribution of EAR and CCR reports to be done by District General Manager and staff.

COST

Monthly Service: $48,900.00

Fee is based on the term of 12 MONTHS (One Year) with fixed Monthly Service Rate for 12 months.

In the event of a call out for additional services, not described in the Inclusions above, Nviro will provide additional services on a time and materials basis at the current rates and reimbursable schedule. They include, without limitation: Alarms and system short falls; Faulty and broken Equipment; Customer request for extra service; New or Additional Design/Engineering Requirements; New Construction and Installation Services; Additional Permitting and License/Relicense Services; Additional Customer Required Reporting and/or Water Programming Alterations or Adds; Laboratory & Additional Testing Requirement Services, Chemicals;

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REFERENCES

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President, Green River Mutual Water Company
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Exhibit 1

SAN SIMEON COMMUNITY SERVICES DISTRICT

DRAFT WORK PLAN

WASTEWATER TREATMENT AND RE-USE

1. SAN SIMEON FACILITIES DESCRIPTION

Facilities include a wastewater collection, treatment, and disposal facility, which provides service to the community of San Simeon and the Hearst San Simeon National Historic Monument Visitor Center. The Facility receives domestic and commercial wastewater and currently serves a population of approximately 462 people. The Facility also receives intermittent flows of reverse osmosis concentrate from the San Simeon Community Services District drinking water treatment facility. The wastewater collection, system is composed of approximately 1.6 miles of predominately 6-inch diameter pipe.

The existing treatment plant has been in operation since 1961 and is considered a secondary treatment facility. The treatment system consists of a comminutor, a 90,000-gallon equalization basin, four activated sludge tanks, four clarifiers, a chlorine contact chamber, and de-chlorination.

Wastewater is discharged via an 800-foot ocean outfall at Discharge Point 001 (see facilities attachment) to the Pacific Ocean, a water of the United States. The minimum initial dilution ratio of seawater to effluent is 115:1.

A tertiary treatment package unit was constructed in 2012 to provide recycled water for irrigation use within the service area.

Biosolids from the clarifiers are pumped to a spare aeration basin which is used as an aerobic digester. When solids concentration exceeds 2 percent, the contents are pumped to another sludge storage tank. Approximately once per month, 6,000 gallons of the concentrated biosolids are trucked to Liberty Composting, Lost Hills, California for disposal.

2. DISCHARGE LIMITATIONS

Discharge limitations are comprehensively covered in Regional Water Quality Control Board Central Coast Region Waste Discharge Requirements Order number R3-2022-0003.

Discharge limitations in relation to Discharge Point 001 include but not limited to the following:

- Conventional Pollutants limitations as measured at EEF-001 for Discharge Point 001 as follows in Table 1

Table 1 Final Effluent Limitations – Conventional Pollutants

Parameter	Units	Average Monthly	Average Weekly	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
BOD5 [1]	mg/L	30	45	90		
BOD5[1]	lbs/day	50	75	150		
TSS[1]	mg/L	30	45	90		
TSS[1]	lbs/day	50	75	150		
pH	standard units				6	9
Oil and Grease	mg/L	25	40	75		
Oil and Grease	lbs/day	42	67	125		
Settleable Solids	mL/L	1	1.5	3		
Turbidity	NTU	75	100	225		

[1] The average monthly percent removal for BOD and TSS must not be less than 85 percent.

- Non – Conventional Pollutants limitations as measured at EEF-001 for Discharge Point 001 as follows in Table 2:

Table 2: Final Effluent Limitations – Non - Conventional and Toxic Pollutants

Parameter	Units	6-Month Median	Maximum Daily	Instantaneous Maximum
Total Chlorine Residual	µg/L	230	930	6,900
Total Chlorine Residual	lbs/day	0.4	1.6	12
Acute Toxicity	TUa		3.8	

*The six-month median is a moving median of daily values for any 180-day period where daily values represent flow weighted average concentrations within a 24-hour period. For intermittent discharges, the daily value will be equal to zero for days on which no discharge occurred. The six-month median limit on daily mass emissions is determined using the six-month median effluent concentration Ce and the observed flow rate, Q, in million gallons per day (MGD). The daily maximum will apply to flow weighted 24-hour composite samples. The instantaneous maximum must apply to grab sample determinations.

- Dry Weather Flow: Effluent average to be less than a monthly average of 0.2 MGD
- Bacterial:
    - Total coliform concentrations will not exceed a 30-day geometric mean of 230 MPN/100mL. No sample shall exceed 2400 MPN/100mL.

Recycling Specifications – Discharge Point 002

The San Simeon Community Services District Recycled Water Facility (SSRWF) is authorized to produce secondary-treated effluent to tertiary levels in order to use it for recycling purposes. The facility is subject to State Water Board Order No. WQ 2016-0068-DDW, State Water Board General Water Reclamation Requirements for Recycled Water Use which includes compliance

with all applicable requirements associated with the production and onsite use of recycled water as specified in Order number R3-2022-0003.

SSRWF Waste Discharge requirements
Consistent with the California Department of Public Health's (CDPH, now the State Water Board's Division of Drinking Water) conditions provided in its October 12, 2012 approval letter, the SSRWF production of recycled water must be adequately oxidized, filtered, and disinfected, as defined in title 22, and is subject to the following specifications:

- The median concentration of total coliform bacteria measured in the tertiary filtered and disinfected effluent (i.e., recycled water) to not exceed the following limits:
    - A total coliform median concentration of 2.2 MPN/100mL based on the results of the last 7 days for which analyses have been completed.
    - A total coliform median concentration of 23 MPN/100mL in more than one sample every 30 days.
    - No sample will exceed a total coliform concentration of 240 MPN/100mL.
- For the filter and ozone disinfection system used by the SSRWF, the following requirements apply:
    - Filter loading rate to not exceed 2.1 gpm/ft2
    - Flow rate of less than or equal to 30 gpm. If flow exceeds 30 gpm, the operator will need to perform an additional tracer study and determine compliance with the disinfection requirements for contact time (CT).
    - Disinfection process compliant with Section 60301.23(a2) of title 22.
    - Turbidity performance in accordance with Sections 60301.32(a2) and 60304(a) of title 22.
    - Influent turbidity to the SSWRF does not exceed 5 NTU for more than 15 minutes and never exceeds 10 NTU.
    - Adhere to operations and maintenance manual recommended procedures for the filtration and ozone disinfection systems.
    - The disinfection process must provide a minimum CT of 1.0 mg/L/min with an ozone dose of approximately 18 mg/L necessary to meet the CT requirements. (The CT tracer study determined a baffling factor to be 0.92 at a flow rate of 25 gpm.)
- The turbidity levels for filtered recycled water to not exceed any of the following:
    - An average of 2 NTU within a 24-hour period;
    - 5 NTU more than 5 percent of the time within a 24-hour period; and
    - 10 NTU anytime.
- Reclamation and use of disinfected tertiary treated wastewater must adhere to applicable requirements of California Water Code sections 13500-13577 (Water Reclamation) and California Code of Regulations title 17 sections 7583-7586, title 17 sections 7601-7605 and title 22 sections 60301-60355 (Uniform Statewide Recycling Criteria).
- Recycled water production must comply with a title 22 engineering report approved by the Division of Drinking Water (DDW) that demonstrates or defines compliance with the Uniform Statewide Recycling Criteria (and amendments).
- Recycled water must be disinfected tertiary recycled water, as defined by title 22, section 60301.230.
- The SSRWF must maintain compliance with the limitations in section 4.3 of this Order at Discharge Point 002, with compliance measured at Monitoring Location EFF-002.

- The Operator will discontinue delivery of recycled water to distributors and users during any period in which it has reason to believe that the limits established in this Order are not being met. The delivery of recycled water will not resumed until all conditions that caused the limits to be violated have been corrected.

3. RECEIVING WATER LIMITATIONS

Surface Water Limitation
Receiving water limitations are based on water quality objectives (WQOs) contained in the Ocean Plan. The discharge must not cause the following in the Pacific Ocean:

- Bacterial Characteristics
    - Water-Contact Standards. Within a zone bounded by the shoreline and a distance of 1,000 feet from the shoreline or the 30-foot depth contour, whichever is farther from the shoreline, and in areas outside this zone used for water contact sports, as determined by the Central Coast Water Board (i.e., waters designated REC-1), but including all kelp beds, the following bacterial objectives to be maintained throughout the water column.
        - Fecal Coliform. 30-day geometric mean of fecal coliform density to not exceed 200 per 100 milliliters (mL), calculated using the five most recent samples from each site, and a single sample maximum to not exceed 400 per 100 mL.
        - A six-week rolling geometric mean of enterococci to not exceed 30 colony forming units (CFU) per 100 mL, calculated weekly, and a statistical threshold value (STV) of 110 CFU/100 mL to not be exceeded by more than 10 percent of the samples collected in a calendar month, calculated in a static manner using U.S. EPA Method 1600 or other equivalent method to measure culturable enterococci.
    - Shellfish Harvesting Standards. At all areas where shellfish may be harvested for human consumption, as determined by the Central Coast Water Board, the following bacterial objectives will be maintained throughout the water column.
        - The median total coliform density will not exceed 70 per 100 mL, and not more than 10 percent of the samples shall exceed 230 per 100 mL.
        - The “Initial Dilution Zone” of wastewater outfalls must be excluded from designation as kelp beds for the purposes of bacterial standards. Adventitious assemblages of kelp plants on waste discharge structures (e.g., outfall pipes and diffusers) do not constitute kelp beds for purposes of bacterial standards.

- Physical Characteristics
    - Floating particulates and grease and oil will not be visible on the ocean surface.
    - The discharge of waste will not cause aesthetically undesirable discoloration of the ocean surface.
    - Natural light will not be significantly reduced at any point outside the zone of initial dilution as the result of the discharge of waste.
    - The rate of deposition of inert solids and the characteristics of inert solids in ocean sediments will not be changed such that benthic communities are degraded.

- Temperature of the receiving water must not be altered to adversely affect beneficial uses, as set forth in the Water Quality Control Plan for Control of Temperature in the Coastal and Interstate Waters and Enclosed Bays and Estuaries of California (Thermal Plan).

- Chemical Characteristics
  - The dissolved oxygen concentration will not be depressed more than 10 percent from that which occurs naturally or fall below 5.0 mg/L as the result of the discharge of oxygen-demanding waste materials. The mean annual dissolved oxygen concentration will not be less than 7.0 mg/L.
  - The pH will not be changed at any time more than 0.2 units from that which occurs naturally and will be within the range of 7.0 to 8.5 at all times.
  - The dissolved sulfide concentrations of waters in and near sediments will not be significantly increased above those present under natural conditions.
  - The concentrations of substances set forth in Table 3 of the Ocean Plan will not be increased in marine sediments to those that would degrade indigenous biota.
  - The concentration of organic materials in marine sediments will not be increased to that which would degrade marine life.
  - Nutrient materials will not cause objectionable aquatic growth or degrade indigenous biota.
  - Numerical WQOs established in Table 3 of the Ocean Plan apply to all discharges within the jurisdiction of the Ocean Plan. Unless otherwise specified, all metal concentrations are expressed as total recoverable concentrations.

- Biological Characteristics
  - Marine communities, including vertebrate and plant species, will not be degraded.
  - The natural taste, odor, and color of fish, shellfish, or other marine resources used for human consumption will not be altered.
  - The concentration of organic materials in fish, shellfish, or other marine resources used for human consumption will not bioaccumulate to levels that are harmful to human health.

- Radioactivity
  - Discharge of radioactive waste will not degrade marine life.
  - Radionuclides will not be present in concentrations that are deleterious to human, plant, animal, or aquatic life; or result in the accumulation of radionuclides in the food web to an extent that presents a hazard to human, plant, animal, or aquatic life.
- General Standards
  - The discharge will not cause a violation of any applicable WQO or standard for receiving waters adopted by the Central Coast Water Board or State Water Board, as required by the CWA and regulations adopted thereunder.
  - Waste management systems that discharge to the ocean will operated in a manner that will maintain the indigenous marine life and a healthy and diverse marine community.
  - Waste effluents will be discharged in a manner that provides sufficient initial dilution to minimize the concentrations of substances not removed in the treatment.

4. PROVISIONS

- Standard Provision
    - The Discharger must comply with all Standard Provisions of both federal NPDES standard provisions from 40 CFR part 122 as well as Central Coast Water Board Standard Provisions.

- Monitoring and Reporting Program (MRP) requirement
    - Pursuant to California Water Code sections 13267 and 13383, the Discharger must comply with the MRP, and future revisions thereto, and all notification and general reporting requirements throughout. All monitoring must be conducted according to Title 40 of the Code of Federal Regulations (40 C.F.R.) part 136, Guidelines Establishing Test Procedures for Analysis of Pollutants.
      The Discharger is required to provide technical or monitoring reports because it is the owner and operator responsible for the waste discharge and compliance with this Order. The Central Coast Water Board needs this information to determine the Discharger's compliance, assess the need for further investigation or enforcement action, and to protect public health and safety and the environment. The Discharger must comply with the MRP, and future revisions thereto.

- Special Provisions
    - Special Studies, Technical Papers and Additional Monitoring Requirements
        - Toxicity Notification Requirements.
          The Discharger must notify the Central Coast Water Board and U.S. EPA in writing within 14 days of exceedance of a chronic toxicity trigger of 116 TUc (Toxicity Units Chronic) or acute toxicity effluent limit of 3.8 TUa (Toxicity Units Acute). This notification must describe actions the Discharger has taken or will take to investigate, identify, and correct the causes of toxicity; the status of actions required by this permit; and schedule for actions not yet completed; or reason(s) that no action has been taken.
          If the discharge exceeds the chronic toxicity trigger of 116 TUc, the Discharger must resample immediately, retest, and report the results to the Executive Officer as soon as possible, who will determine whether to initiate an enforcement action, require a Toxicity Reduction Evaluation (TRE) in accordance with the Discharger's TRE Workplan, or implement other measures.
        - Toxicity Reduction Requirements
          A TRE is a study conducted in a stepwise process designed to identify the causative agents of effluent or ambient toxicity, isolate the sources of toxicity, evaluate the effectiveness of toxicity control options, and then confirm the reduction in toxicity. The first steps of the TRE consist of the collection of data relevant to the toxicity, including additional toxicity testing, and an evaluation of facility operations and maintenance practices, and best management practices. A Toxicity Identification Evaluation (TIE) may be required as part of the TRE, if appropriate. A TIE is a set of procedures to identify the specific chemical(s) responsible for toxicity. These procedures are performed in three phases: characterization; identification; and

confirmation using aquatic organism toxicity tests. The TRE must include all reasonable steps to identify the source of toxicity.

- TRE Workplan:
  The Discharger must maintain a TRE Workplan, which describes steps that the Discharger will follow in the event that a toxicity effluent limitation established by this Order is exceeded in the discharge.
- TRE Schedule:
  When monitoring detects effluent toxicity greater than the limitation or trigger, the Discharger must resample immediately, if the discharge is continuing, and retest for whole effluent toxicity. Results of an initial failed test and results of subsequent monitoring must be reported to the Central Coast Water Board Executive Officer as soon as possible after receiving monitoring results. The Executive Officer will determine whether to initiate enforcement action, whether to require the Discharger to implement a TRE, or to implement other measures. The Discharger must conduct a TRE considering guidance provided by the U.S. EPA's Toxicity Reduction Evaluation Procedures, Phases 1, 2, and 3 (EPA document Nos. EPA 600/3-88/034, 600/3-88/035, and 600/3-88/036, respectively). A TRE, if necessary, must be conducted in accordance with the following schedule.

Table 4. Toxicity Reduction Evaluation Schedule

Actions Step	When Required
Take all reasonable measures necessary to immediately reduce toxicity, where the source is known.	Within 24 hours of identification of noncompliance.
Initiate the TRE in accordance to the Workplan.	Within 7 days of notification by the Executive Officer.
Conduct the TRE following the procedures in the Workplan.	Within the period specified in the Workplan (not to exceed one year without an approved Workplan)
Submit the results of the TRE, including summary of findings, required corrective action, and all results and data.	Within 60 days of completion of the TRE.
Implement corrective actions to meet Permit limits and conditions.	To be determined by the Executive Officer.

- Accelerated Toxicity Testing and TRE/TIE Process for Whole Effluent Toxicity
  - If the toxicity trigger is exceeded and the source of toxicity is known (e.g., a temporary plant upset), then the Discharger must conduct one additional toxicity test using the same species and test method. This test must begin within 14 days of receipt of test results exceeding the toxicity trigger. If the additional toxicity test does not exceed the toxicity effluent trigger, then the Discharger may return to their regular testing frequency.

  - If the toxicity trigger is exceeded and the source of toxicity is not known, then the Discharger must conduct six additional toxicity tests using the same species and test method, approximately every two weeks, over a 12-week period. This testing must begin within 14 days of receipt of test results exceeding the toxicity trigger. If none of the additional toxicity

tests exceed the toxicity trigger, then the Discharger may return to their regular testing frequency.

- If one of the additional toxicity tests exceeds the toxicity trigger, then the Discharger must notify the Central Coast Water Board Executive Officer and Director. If the Central Coast Water Board Executive Officer and Director determine that the discharge consistently exceeds the toxicity trigger, then the Discharger must initiate a TRE using as guidance the U.S. EPA manuals:
  - Toxicity Reduction Evaluation Guidance for Municipal Wastewater Treatment Plants (EPA 833/B-99/002, 1999) or
  - Generalized Methodology for Conducting Industrial Toxicity Reduction Evaluations (EPN600/2-88/070, 1989).
- In conjunction, the Discharger must develop and implement a detailed TRE Workplan which must include: further actions undertaken by the Discharger to investigate, identify, and correct the causes of toxicity; actions the Discharger will take to mitigate the impact of the discharge and prevent the recurrence of toxicity, and a schedule for these actions. This Detailed TRE Workplan and schedule are subject to approval and modification by the Central Coast Water Board and U.S. EPA.

- As part of a TRE, the Discharger may initiate a TIE using the same species and test method, and U.S. EPA TIE guidance manuals-to identify the causes of toxicity. The U.S. EPA TIE guidance manuals are:
  - Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I (EPN600/6-91/005F, 1992; only chronic toxicity);
  - Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures (EPN600/6-91/003, 1991; only acute toxicity);
  - Methods for Aquatic Toxicity Identification Evaluations, Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPN600/R-92/080, 1993);
  - Methods for Aquatic Toxicity Identification Evaluations, Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity (EPN600/R-92/081, 1993);
  - Marine Toxicity Identification Evaluation (TIE): Phase I Guidance Document (EPN600/R-96-054, 1996).
- Ocean Outfall and Diffuser Inspection. The Discharger must annually visually inspect the entire outfall and diffuser structure pursuant to section 9.1 of the MRP.

- Best Management Practices and Pollution Prevention
  - Pollutant Minimization Program

    The Discharger must develop and conduct a Pollutant Minimization Program (PMP) as further described below when there is evidence (e.g., sample results reported as "Detected, but Not Quantified" (DNQ) when the effluent limitation is less than the minimum detection limit (MDL), sample results from analytical methods more sensitive than those methods required by this Order, presence of whole effluent toxicity, health advisories for fish consumption, or

results of benthic or aquatic organism tissue sampling) that a priority pollutant is present in the effluent above an effluent limitation and either:

- A sample result is reported as DNQ and the effluent limitation is less than the reporting limit (RL); or
- A sample result is reported as "Not Detected" (ND) and the effluent limitation is less than the MDL, using definitions described in Attachment A and reporting protocols described in MRP section 10.2.4.
- The PMP must include, but not be limited to, the following actions and submittals acceptable to the Central Coast Water Board Executive Officer:
  - An annual review and semi-annual monitoring of potential sources of the reportable priority pollutant(s), which may include fish tissue monitoring and other bio-uptake sampling;
  - Quarterly monitoring for the reportable priority pollutant(s) in the influent to the wastewater treatment system;
  - Submittal of a control strategy designed to proceed toward the goal of maintaining concentrations of the reportable priority pollutant(s) in the effluent at or below the effluent limitation;
  - Implementation of appropriate cost-effective control measures for the reportable priority pollutant(s), consistent with the control strategy; and
  - An annual status report that must be sent to the Central Coast Water Board Executive Officer including:
    - All PMP monitoring results for the previous year;
    - A list of potential sources of the reportable priority pollutant(s);
    - A summary of all actions undertaken pursuant to the control strategy; and
    - A description of actions to be taken in the following year.

- Special Provisions for Publicly Owned Treatment Works (POTWs)
  - Biosolids.

    Standard requirements for the monitoring, reporting, recordkeeping, and handling of biosolids in accordance with 40 CFR Part 503 are the permittee's responsibilities. This also includes biosolids annual reports, including major POTWs that prepare sewage sludge and other facilities designated as "Class 1 sludge management facilities," electronic reporting requirements. Permittees must submit biosolids annual reports using EPA's NPDES Electronic Reporting Tool ("NeT") by February 19th of the following year. Standard requirements for the monitoring, reporting, recordkeeping, and handling of biosolids in accordance with 40 CFR Part 503 are the responsibility of the permittee.

    Solids and sludge treatment, storage, and disposal or reuse must not create a nuisance, such as objectionable odors or flies, and must not result in groundwater contamination. Sites for solids and sludge treatment and storage must have adequate facilities to divert surface water runoff from adjacent areas to protect the boundaries of such sites from erosion, and to prevent drainage from treatment and storage sites.

The treatment, storage, disposal, or reuse of sewage sludge and solids must not cause waste material to be in a position where it is, or can be, conveyed from the treatment and storage sites and deposited into waters of the State. The Discharger is responsible for ensuring that all biosolids produced at its facility are used or disposed of in accordance with the above rules, regardless of whether the Discharger uses or disposes of the biosolids itself or transfers them to another party for further treatment, use, or disposal. The Discharger is responsible for informing subsequent preparers, appliers, and disposers of the requirements that they must adhere to these rules.

- Discharges of Stormwater.
  For the control of stormwater discharged from the site of the wastewater treatment and disposal facilities, if applicable, the Discharger must seek authorization to discharge under and meet the requirements of the State Water Board's Water Quality Order 2014-0057-DWQ, NPDES General Permit No. CAS000001, Waste Discharge Requirements for Discharges of Stormwater Associated with Industrial Activities Excluding Construction Activities.
- Collection System.
  The Order requires coverage by and compliance with applicable provisions the State Water Board's Water Quality Order No. 2006-0003-DWQ, General Waste Discharge Requirements for Sanitary Sewer Systems. This general permit, adopted on May 2, 2006, is applicable to all "federal and state agencies, municipalities, counties, districts, and other public entities that own or operate sanitary sewer systems greater than one mile in length that collect and/or convey untreated or partially treated wastewater to a publicly owned treatment facility in the State of California." The purpose of the general permit is to promote the proper and efficient management, operation, and maintenance of sanitary sewer systems and to minimize the occurrences and impacts of sanitary sewer overflows. This provision is retained from the previous order. The Discharger has been enrolled under the general permit since April 10, 2006.

- Other Special Provisions
  - Climate Change Adaptation Program
    The WWTP and vicinity is subject to coastal hazards related to coastal inundation and creek flooding, which will only be exacerbated with sea level rise. Inundation or flooding of the facility will result in discharges of untreated wastewater into the Pacific Ocean, thusly the coastal hazards response plan is imperative to ensure continued function and viability of the WWTP in a manner that is protective of water quality. The coastal hazards response plan provides a clear long-term plan for providing necessary wastewater treatment functions at an inland location (or locations) that are not subject to coastal hazards threatening the existing plant.
  - Hauled Saline Waste Program
    Hauled saline wastes consist of waste concentrates from water treatment and filtration processes, including but not limited to, reverse osmosis or ion exchange. Hauled saline wastes must be discharged upstream of Monitoring Location EFF-001. The hauled saline waste disposal study addresses how the Discharger will maintain compliance with the effluent limitations found in Tables 2 and 3 at Discharge Point 001, with compliance measured at Monitoring Location EFF-001.

5. COMPLIANCE DETERMINATION

- General
    - Compliance with effluent limitations for reportable pollutants must be determined using sample reporting protocols defined in the MRP and Attachment A of this Order. For purposes of reporting and administrative enforcement by the Central Coast and State Water Boards, the Discharger must be deemed out of compliance with effluent limitations if the concentration of the reportable pollutant in the monitoring sample is greater than the effluent limitation and greater than or equal to the reported Minimum Level (ML).
- Multiple Sample Data
    - When determining compliance with a measure of central tendency (arithmetic mean, geometric mean, median, etc.) of multiple samples analyses and the data set contains one or more reported determinations of DNQ, or ND, the Discharger must compute the median in place of the arithmetic mean in accordance with the following procedure:
        - The data set must be ranked from low to high, ranking the reported ND determinations lowest, DNQ determinations next, followed by quantified values (if any). The order of the individual ND or DNQ determinations is unimportant.
        - The median value of the data set must be determined. If the data set has an odd number of data points, then the median is the middle value. If the data set has an even number of data points, then the median is the average of the two values around the middle unless one or both of the points are ND or DNQ, in which case the median value must be the lower of the two data points where DNQ is lower than a value and ND is lower than DNQ.
- Average Monthly Effluent Limitation (AMEL)
    - If the average of daily discharges over a calendar month exceeds the AMEL for a given parameter, an alleged violation will be flagged and the Discharger will be considered out of compliance for each day of that month for that parameter (e.g., resulting in 31 days of non-compliance in a 31-day month). The average of daily discharges over the calendar month that exceeds the AMEL for a parameter will be considered out of compliance for that month only. If only a single sample is taken during the calendar month and the analytical result for that sample exceeds the AMEL, the Discharger will be considered out of compliance for that calendar month. For any one calendar month during which no sample (daily discharge) is taken, no compliance determination can be made for that calendar month.
- Average Weekly Effluent Limitation (AWEL)
    - If the average of daily discharges over a calendar week exceeds the AWEL for a given parameter, an alleged violation will be flagged and the Discharger will be considered out of compliance for each day of that week for that parameter, resulting in seven days of noncompliance. The average of daily discharges over the calendar week that exceeds the AWEL for a parameter will be considered out of compliance for that week only. If only a single sample is taken during the calendar week and the analytical result for that sample exceeds the AWEL, the Discharger will be considered out of compliance for that calendar week. For any one calendar week during which no sample (daily discharge) is taken, no compliance determination can be made for that calendar week.

- Maximum Daily Effluent Limitation (MDEL)
    - If a daily discharge exceeds the MDEL for a given parameter, an alleged violation will be flagged and the Discharger will be considered out of compliance for that parameter for that one day only within the reporting period. For any one day during which no sample is taken, no compliance determination can be made for that day.

TABLE OF ATTACHMENTS

ATTACHMENTS INCLUDED FROM SWRCB ORDER R3-2022-0003

ATTACHEMNT A-MAPS

Figure A-1: Satellite image of San Simeon and plant location.

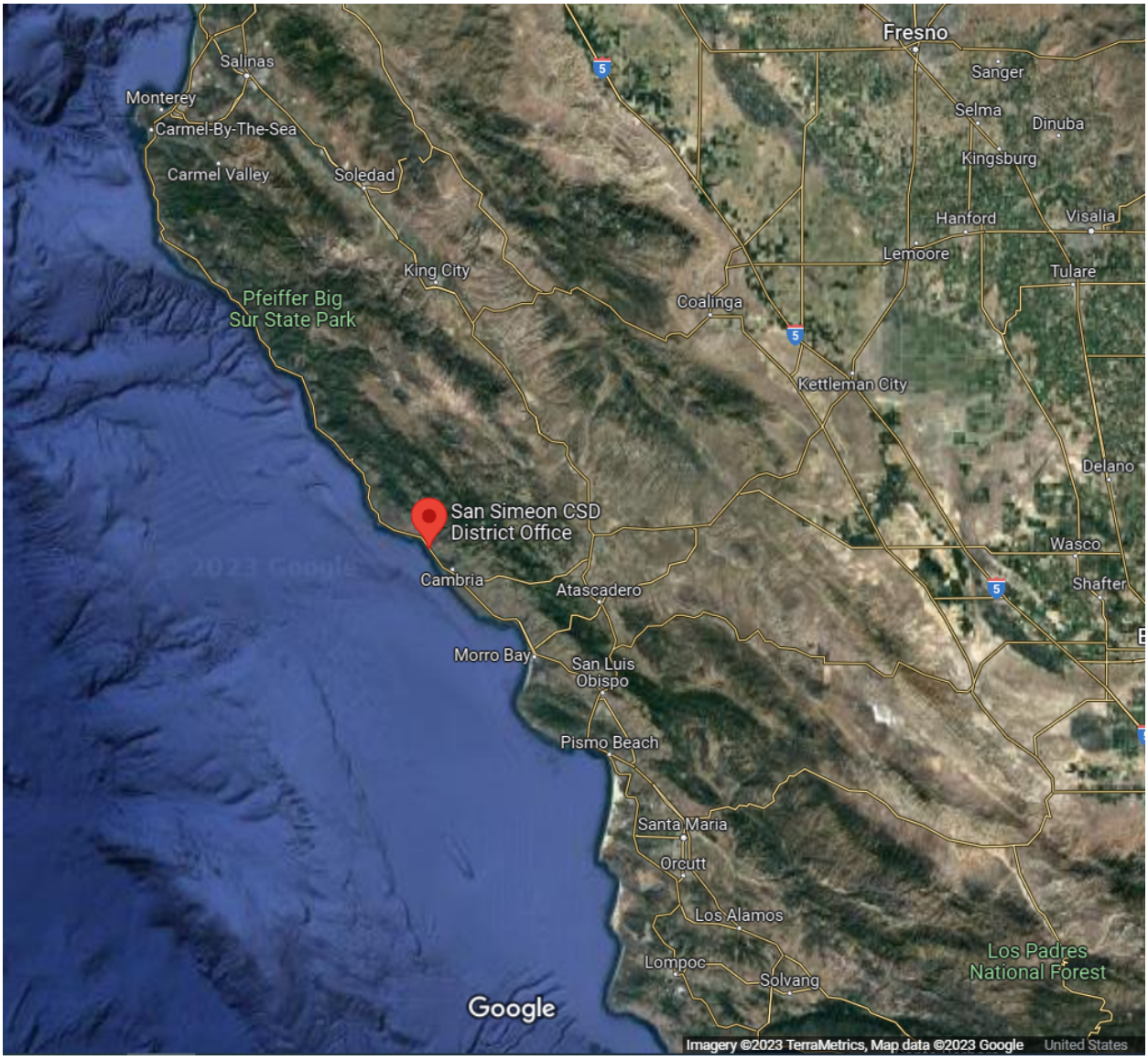
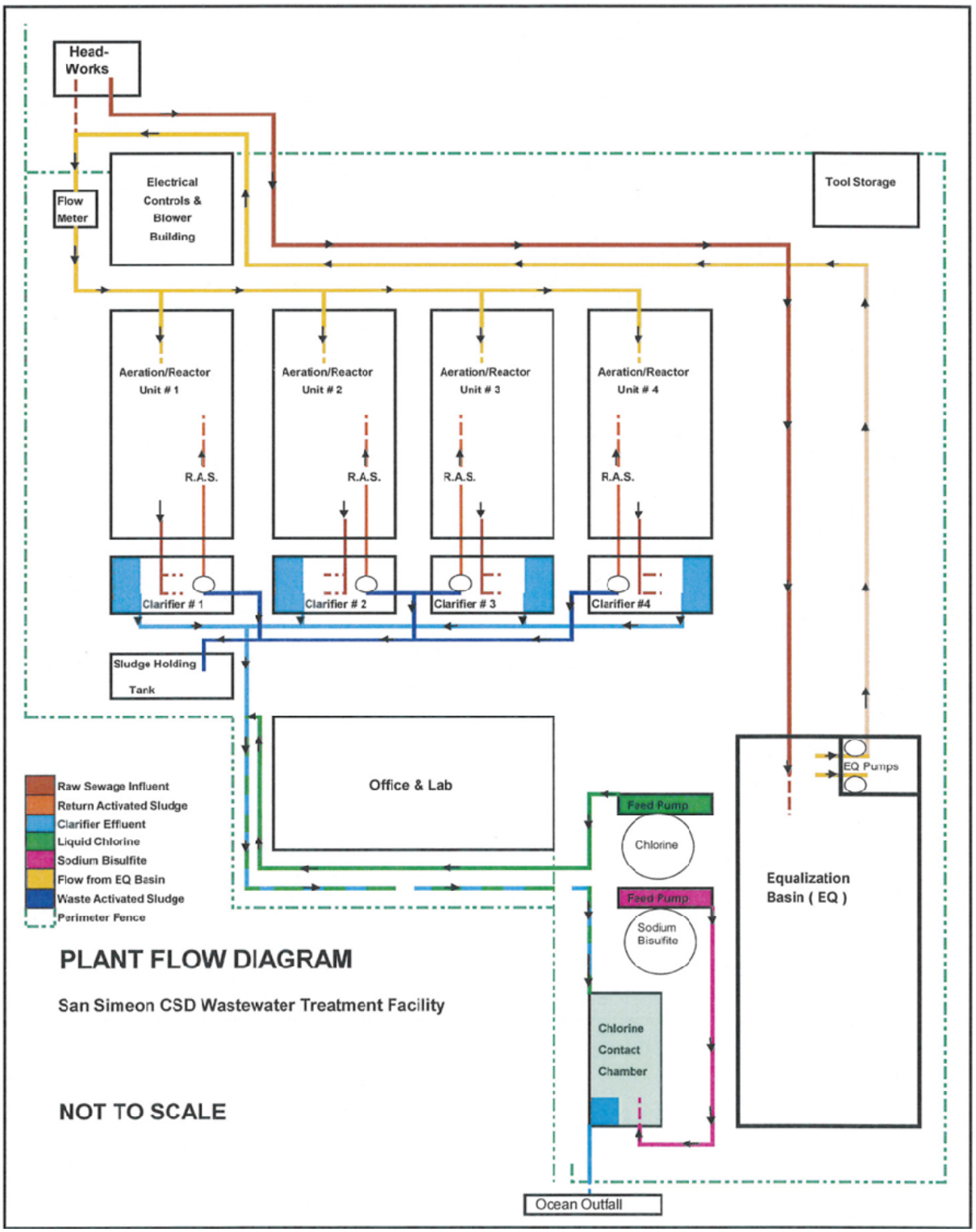


Figure A-2: Satellite image of San Simeon and plant location.

ATTACHEMNT B – FLOW SCHEMATICS

Figure B-1: Flow schematic of the wastewater treatment process at the San Simeon WWTP



ATTACHMENT C – STANDARD PROVISIONS

NOT INCLUDED

ATTACHMENT D – MONITORING AND REPORTING PROGRAM

NOT INCLUDED

SAN SIMEON COMMUNITY SERVICES DISTRICT

DRAFT WORK PLAN

PUBLIC WATER SYSTEM

1. SYSTEM INFORMATION

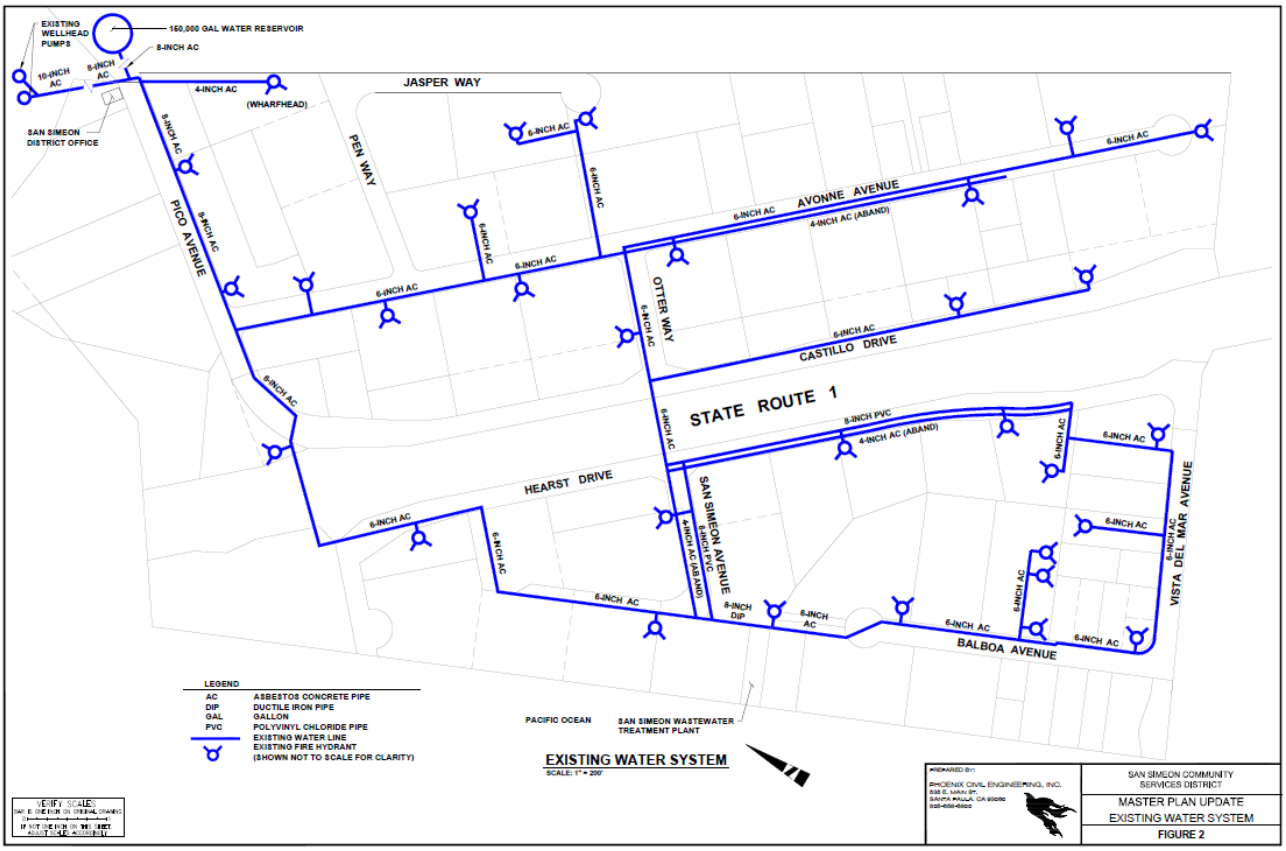
San Simeon Community Service District (SSCSD) sources its water from two groundwater wells located north of the community, between SSCSD's offices and Pico Creek, to the north. There is a third, small capacity well available for intermittent District use on the Hearst property. The third well is typically used for dilution when the main two wells are under the influence of high chloride intrusion. According to the SSCSD Master Plan document, Well 1 was constructed in 1952 and has a 12 inch diameter well casing with a total depth of 47 feet. Well 2 was constructed in 1967 also with a 12 inch casing and to a depth of 60 feet.

Disinfection is with liquid chlorine injected downstream of the wellhead in the discharge pipeline. The disinfected water is pumped east to the SSCSD's finished water reservoir, which is a 0.15 MG underground concrete tank.

Near to the SSCSD office is a reverse osmosis (RO) filtration facility. The RO facility is used to treat high chloride levels in Wells 1 & 2. When high chloride levels are detected, flow is diverted from the well head, treated to Title 22 standards, and pumped into the finished water storage tank.

The finished water reservoir feeds the only pressure zone in the SSCSD's distribution system. The SSCSD distribution system is made up of 6 and 8 inch asbestos cement pipelines, with a small amount of PVC of various sizes. The pipe bridge near the wastewater treatment plant is ductile iron. There is approximately 10,500 linear feet of mainline with associated customer meters, fire hydrants, valves, and other appurtenances.

Figure 1: SSCSD Wells and Distribution System (as presented in the SSCSD Master Plan)



2. GROUNDWATER RULE

California adopted the EPA National Primary Drinking Water Regulation: Ground Water Rule (40 CFR Pars 9, 141 and 142) in 2011; known as the Ground Water Rule. The Ground Water Rule established a risk-targeted approach to target ground water systems susceptible to fecal contamination, instead of requiring disinfection for all ground water systems. The occurrence of fecal indicators in drinking water supply is an indication of the potential presence of microbial pathogens that may pose a threat to public health.

3. TOTAL COLIFORM RULE

The Total Coliform Rule is based on the presence or absence of coliform bacteria in a given sample. All samples testing positive for the total coliform group must be followed by repeat sampling and testing to determine the presence of any fecal coliforms. The Revised Total Coliform Rule establishes a "find-and-fix" approach for investigating and correcting causes of coliform problems within water distribution systems.

4. LEAD AND COPPER RULE

The Lead and Copper Rule (LCR) protects the public's drinking water from metals that can adversely affect public health by requiring water systems to monitor lead and copper levels at the consumers' taps. If action levels for lead or copper are exceeded, installation or modifications to corrosion

control treatment is required. If the action level for lead is exceeded, public notification is required. On January 15, 2021, US EPA issued revisions to federal LCR. US EPA's new Lead and Copper Rule Revisions (LCRR) aim to strengthen the LCR to better protect communities and children in elementary schools and childcare facilities from the impacts of lead exposure.

5. MONITORING AND REPORTING REQUIREMENTS

Distribution Monitoring	
Constituent	**Frequency**
Bacteriological	Monthly
Disinfection Byproducts	Annually
Lead and Copper	Every 3 years

Source Monitoring	
Consituent	**Frequency**
Inorganic Chemicals	Every 3 years
Nitrate	Annually
Asbestos	Every 9 years
Volatile Organic Compounds	Every 6 years
Synthetic Organic Compounds • Atrazine & Simazine • 123- Trichloropropane	 Every 9 years Every 3 years
Secondary Standards Special Frequency: • Conductivity • TDS, Chloride • Iron (Well 2 only)	Every 3 years Monthly Quarterly Quarterly
Radiochemicals	Every 9 years

Reporting	
Report	**Frequency**
Consumer Confidence Report	Annually
Electronic Annual Report	Annually
Additional reports on an as needed basis to be completed on T&M.	

6. OPERATIONS

Nviro operations will include, at a minimum:

- Daily residual monitoring, visual inspections of treatment units
- Weekly well and tank inspections
- Monthly meter reads
- Semi-annual line flushing
- Semi-annual hydrant testing and inspection

- Annual valve cycling
- Routine sampling as required by permit at frequencies noted previously.
- Emergency Response

Additional description of Nviro operations is included in the Scope of Work.