PALMDALE WATER DISTRICT

A CENTURY OF SERVICE

February 4, 2026

AGENDA FOR REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT TO BE HELD AT 2029 EAST AVENUE Q, PALMDALE

MONDAY, FEBRUARY 9, 2026

6:00 p.m.

NOTES: To comply with the Americans with Disabilities Act, to participate in any Board meeting please contact Danielle Henry at 661-947-4111 x1059 at least 48 hours prior to a Board meeting to inform us of your needs and to determine if accommodation is feasible.

Additionally, an interpreter will be made available to assist the public in making **comments** under Agenda Item No. 4 and any action items where public input is offered during the meeting if requested at least 48 hours before the meeting. Please call Danielle Henry at 661-947-4111 x1059 with your request. (PWD Rules and Regulations Section 4.03.1 (c))

Adicionalmente, un intérprete estará disponible para ayudar al público a hacer **comentarios** bajo la sección No. 4 en la agenda y cualquier elemento de acción donde se ofrece comentarios al público durante la reunión, siempre y cuando se solicite con 48 horas de anticipación de la junta directiva. Por favor de llamar Danielle Henry al 661-947-4111 x1059 con su solicitud. (PWD reglas y reglamentos sección 4.03.1 (c))

Agenda item materials, as well as materials related to agenda items submitted after distribution of the agenda packets, are available for public review at the District's office located at 2029 East Avenue Q, Palmdale or on the District's website at: https://www.palmdalewater.org/governance/board-activity/2026-meeting-agendas-minutes/ (Government Code Section 54957.5). Please call Danielle Henry at 661-947-4111 x1059 for public review of materials.

PUBLIC COMMENT GUIDELINES: **The prescribed time limit per speaker is three-minutes. Please refrain from public displays or outbursts such as unsolicited applause, comments, or cheering. Any disruptive activities that substantially interfere with the ability of the District to conduct its meeting will not be permitted, and offenders will be requested to leave the meeting. (PWD Rules and Regulations, Appendix DD, Sec. IV.A.)**

Each item on the agenda shall be deemed to include any appropriate motion, resolution, or ordinance to take action on any item.

1) Pledge of Allegiance/Moment of Silence.
2) Roll Call.
3) Adoption of Agenda.
4) Public Comments for Non-Agenda Items.

5) Presentations:

5.1) Delta Conveyance Project Update. (Graham Bradner, Executive Director, Delta Conveyance Design and Construction Authority/Carrie Buckman, Environmental Program Manager, Department of Water Resources)

6) Action Items - Consent Calendar (The public shall have an opportunity to comment on any action item on the Consent Calendar as the Consent Calendar is considered collectively by the Board of Directors prior to action being taken.)

6.1) Approval of Minutes of Regular Board Meeting held January 26, 2026.

6.2) Payment of Bills for February 9, 2026.

7) Action Items - Action Calendar (The public shall have an opportunity to comment on any action item as each item is considered by the Board of Directors prior to action being taken.)

7.1) Consideration and Possible Action to Approve and Authorize the General Manager to Enter into a Contract with Weber Water Resources for the Rehabilitation of Wells 2A and 3A. ($900,000.00 – Not-to-Exceed – Non-Budgeted – Facilities Manager Wall)

7.2) Consideration and Possible Action on Authorization of the Following Conferences, Seminars, and Training Sessions for Board and Staff Attendance Within Budget Amounts Previously Approved in the 2026 Budget:

a) None at this time.

8) Information Items:

8.1) Reports of Directors:

a) Standing Committees; Organization Appointments; Agency Liaisons:

1) Antelope Valley East Kern Water Agency (AVEK) Meeting – January 27. (Director Dino, Board Liaison/President Mac Laren-Gomez, Alt.)

2) Outreach Committee Meeting – February 5. (Director Dino, Chair/Director Sanchez/Director Wilson, Alt.)

3) Palmdale Fin & Feather Club Meeting – February 7. (Director Wilson/Director Kellerman, Alt.)

b) General Meeting Reports.

8.2) Report of General Manager.

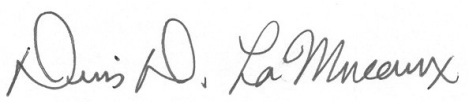
a) Department Activity Updates:

1) Public Affairs Department. (Public Affairs Director Shay)

8.3) Report of General Counsel.

9) Board Members' Requests for Future Agenda Items.

10) Adjournment.



DENNIS D. LaMOREAUX,
General Manager

DDL/dh

MINUTES OF REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE PALMDALE WATER DISTRICT, JANUARY 26, 2026:

A regular meeting of the Board of Directors of the Palmdale Water District was held Monday, January 26, 2026, at 2029 East Avenue Q, Palmdale, California, in the Board Room of the District Office. President, Kathy Mac Laren-Gomez, called the meeting to order at 6:00 p.m.

1) Pledge of Allegiance/Moment of Silence.

At the request of President Mac Laren-Gomez, Director Kellerman led the Pledge of Allegiance followed by a moment of silence.

2) Roll Call.

Attendance:
Kathy Mac Laren-Gomez, President
Scott Kellerman, Vice President
Don Wilson, Treasurer
Cynthia Sanchez, Secretary
Debbie Dino, Assistant Secretary

Others Present:
Dennis LaMoreaux, General Manager
Scott Rogers, Assistant General Manager
Paul Early, General Counsel
Wendell Wal, Facilities Manager
Shadi Bader, Engineering Manager
Judy Shay, Public Affairs Director
Sarah Hernandez, Accounting Supervisor
Danielle Henry, Executive Assistant
2 members of the public

3) Adoption of Agenda.

It was moved by Director Kellerman, seconded by Director Wilson, and unanimously carried by all members of the Board of Directors present to adopt the agenda, as written.

4) Public Comments for Non-Agenda Items.

There were no public comments for non-agenda items.

5) Presentations:

5.1) None at This Time.

There were no presentations.

6) Action Items - Consent Calendar: (The Public Shall Have an Opportunity to Comment on Any Action Item on the Consent Calendar as the Consent Calendar is Considered Collectively by the Board of Directors Prior to Action Being Taken.)

6.1) Approval of Minutes of Regular Board Meeting held January 12, 2026.

6.2) Payment of Bills for January 26, 2026.

6.3) Receive and File Semi-Annual Employee Reimbursement Report for the Period Covering July 1, 2025 through December 31, 2025. (No Budget Impact – Finance Manager Iguaran)

6.4) Approval of Absence of Director Kellerman from January 12, 2026 Regular Board Meeting Due to Scheduled Work Travel. (General Counsel Early)

President Mac Laren-Gomez announced the items included in the Consent Calendar after which it was moved by Director Dino, seconded by Director Sanchez, and unanimously carried by all members of the Board of Directors present to approve those items with the exception of Agenda Item Nos. 6.1 and 6.4, from which Director Kellerman abstained.

7) Action Items - Action Calendar (The Public Shall Have an Opportunity to Comment on Any Action Item as Each Item is Considered by the Board of Directors Prior to Action Being Taken.)

7.1) Consideration and Possible Action on Approval of Contract with Turbine Repair Services, LLC to Repair Hydroelectric Turbine. ($93,000.00 – Not-to-Exceed – Non-Budgeted – Facilities Manager Wall)

Facilities Manager Wall provided an overview of the previously approved work for the generator component of the Hydroelectric Turbine Generator and the discovery of additional repairs required for the turbine component, and after a brief discussion of the SCADA programming and estimated annual power savings, it was moved by Director Kellerman, seconded by Director Sanchez, and unanimously carried by all members of the Board of Directors present to approve a contract with Turbine Repair Services, LLC to repair the Hydroelectric Turbine in the not-to-exceed amount of $93,000.00.

7.2) Consideration and Possible Action to Approve and Authorize the General Manager and Legal Counsel to Negotiate and Enter Into a Professional Services Agreement with Moore Iacofano Goltzman, Inc. (MIG) for the 2026 Strategic Plan. ($57,441.00 – Not-to-Exceed – Budgeted – Budget Item No. 1-02-5070-007 – General Manager LaMoreaux)

General Manager LaMoreaux provided an overview of the strategic planning process, including the Strategic Plan Workshop, the distribution of the Request for Proposals, and staff's evaluation of the proposals received, after which it was moved by Director Dino, seconded by Director Wilson, and unanimously carried by all members of the Board of Directors present to approve and authorize the General Manager and Legal Counsel to negotiate and enter into a Professional Services Agreement with Moore Iacofano Goltzman, Inc. (MIG) for the 2026 Strategic Plan in the not-to-exceed amount of $57,441.00.

7.3) Consideration and Possible Action on Authorization of the Following Conferences, Seminars, and Training Sessions for Board and Staff Attendance Within Budget Amounts Previously Approved in the 2026 Budget:

a) 2026 Nevada WateReuse Annual Symposium to be held February 2, 2026 in Las Vegas.

b) North American Society for Trenchless Technology (NASTT) No-Dig 2026 Conference to be held March 29 – April 2, 2026 in Palm Springs, CA.

c) DBIA Design-Build for Water/Wastewater Conference 2026 to be held April 13-15, 2026 in Grapevine, TX.

d) OpenGov Conference 2026 to be held April 29 – May 1, 2026 in Chicago, IL.

e) Utility Engineering & Surveying Institute (UESI) of ASCE 2026 to be held August 1-5, 2026 in Detroit, MI.

President Mac Laren-Gomez announced the conferences, seminars, and training sessions recommended for staff attendance after which it was moved by Director Wilson, seconded by Director Sanchez, and unanimously carried by all members of the Board of Directors present to authorize staff attendance at the approved conferences, seminars, and training sessions within budget amounts previously approved in the 2026 Budget.

8) Information Items:

8.1) Reports of Directors:

a) Standing Committees; Organization Appointments; Agency Liaisons:

1) Antelope Valley East Kern Water Agency (AVEK) Meeting – January 13. (Director Dino, Board Liaison/President Mac Laren-Gomez, Alt.)

Director Dino reported on her attendance at the January 13 AVEK Board Meeting, where updates were provided on the California drought status, recent Brown Act changes, and staff changes resulting from the resignation of Assistant General Manager Peter Thompson.

2) Palmdale Fin & Feather Club Meeting – January 17. (Director Wilson/Director Kellerman, Alt.)

Director Kellerman reported that the January 17 Palmdale Fin & Feather Club Meeting was cancelled due to the Club's opening fishing day and announced that membership renewals are due.

b) General Meeting Reports of Directors.

Director Kellerman reported on his attendance at the Palmdale Water District (PWD) Regular Board Meetings on December 15 and January 26, and Board Briefings on January 8 and 22.

Director Wilson reported on his attendance at the PWD Regular Board Meetings on January 12 and 26, and Board Briefings on January 8 and 22.

Director Sanchez reported on her attendance at the Palmdale City Council Meeting on January 13 and a Board Briefing on January 22.

Director Mac Laren-Gomez reported on her attendance at the PWD Regular Board Meeting on January 12, an Agenda Review Briefing on January 15, and a Board Briefing on January 22. She also attended a CSDA Webinar on January 13 covering the 2026 Prevailing Wage Process and Requirements Update and stated that she joined staff in receiving the District's Christmas Parade float trophy from the Antelope Valley Chambers of Commerce (AVCOC).

Director Dino reported on her attendance at the AVEK Board Meeting on January 13, a Board Briefing on January 22, and the PWD Regular Board Meeting on January 26. She also attended CSDA Webinars on January 14, 20 and 23 covering Building Relationships with Your Lawmaker's District Office, Dealing with Evolving Boundaries and Boards, and AB 2561: New Requirements for Public Employers.

8.2) Report of General Manager.

a) Department Activity Updates:

1) Engineering Department. (Engineering Manager Bader)

Engineering Manager Bader reported on department activities, including the Engineering Department structure and staffing, daily operations, current capital projects such as the Palmdale Ditch enclosure, 3M, Well 36, and Pure Water AV, planning and development support, the backflow prevention program, and anticipated 2026 projects followed by a brief discussion on service-type backflow requirements.

b) January Written Report of Activities through December 2025.

General Manager LaMoreaux recognized staff's efforts for earning the 2025 AVCOC Christmas Parade trophy for the District's float and then reported on the above-normal precipitation contributing to the State Water Project, California's current drought-free

conditions, and declining snowpack levels. He then stated that the District ended 2025 with a total of 13 leaks.

8.3) Report of General Counsel.

General Counsel Early reported on the extension of federal grant funding under the Infrastructure Resilience and Sustainability Act of 2026.

9) Board Members' Requests for Future Agenda Items.

There were no requests for future agenda items.

10) Adjournment.

There being no further business to come before the Board, the meeting was adjourned at 6:42 p.m.

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Secretary

BOARD MEMORANDUM

DATE: February 9, 2026

TO: **BOARD OF DIRECTORS**

FROM: Facilities Manager Wall

VIA: General Manager LaMoreaux

Assistant General Manager Rogers

RE: ***CONSIDERATION AND POSSIBLE ACTION TO APPROVE AND AUTHORIZE THE GENERAL MANAGER TO ENTER INTO A CONTRACT WITH WEBER WATER RESOURCES FOR THE REHABILITATION OF WELLS 2A AND 3A. ($900,000.00 – NOT-TO-EXCEED – NON-BUDGETED – FACILITIES MANAGER WALL)***

Recommendation:

Staff recommend that the Board approve and authorize the General Manager to enter into a contract with Weber Water Resources to rehabilitate Wells 2A and 3A in the not-to-exceed amount of $900,000.00.

Alternative Options:

The Board can choose not to rehabilitate Wells 2A and 3A which will result in a loss of water production.

Impact of Taking No Action:

Wells 2A and 3A will be non – operational.

Strategic Plan Initiative/Mission Statement:

This item is under Strategic Initiatives No. 3 – Systems Efficiency

Background:

Well 2A was drilled and installed in 1968 and is currently 58 years old, with a design capacity of 1,200 gallons per minute. The well was last rehabilitated in June 2010, at which time work included removal of the pumping equipment, inspection and downhole video surveying, casing inspection thickness measurement (CITM), installation of a new pump and appurtenances, chemical treatment, redevelopment, reinstallation of equipment, disinfection, and startup and commissioning. The proposed rehabilitation will generally follow the same scope and methodology as the 2010 rehabilitation.

The District advertised a request for proposals (RFP) on November 27, 2025, and received five bids. Following staff review on January 27, 2026, Weber Water Resources was selected based on its demonstrated experience with comparable well rehabilitations, availability of an in-house machine shop, and ability to perform both rehabilitations concurrently. Weber Water Resources submitted the most comprehensive proposal, demonstrating sufficient staffing and equipment

to complete the work efficiently. The rehabilitation cost for Well 2A is $397,500.00; however, due to the age of the existing motor, a new motor will be required and will be purchased separately.

Well 3A was drilled in 1960 and is currently 66 years old. The well was last rehabilitated in 2012 and, although it remains operational, is experiencing excessive vibration that indicates the need for repairs. Well 3A has a design capacity of 1,200 gallons per minute. The proposed rehabilitation includes removal of the pumping equipment; inspection and repair or replacement of damaged components; downhole video surveying; casing inspection thickness measurement (CITM); mechanical and chemical cleaning; reinstallation of equipment; disinfection; and startup and commissioning. Weber Water Resources LLC submitted a quote of $397,500.00 for the rehabilitation of Well 3A. The well's motor was replaced in 2016 and does not require replacement at this time; however, it will be removed, inspected, and any deficiencies corrected. This work will be addressed separately from this memorandum.

The District received five bids, staff evaluated and scored the proposals based on their qualifications and ability to perform the required work. The top three were ranked as follows:

Consultant	Proposal Cost:
Weber Water Resources	$795,000.00
General Pump Company, Inc.	$969,000.00
S.A. Camp Pump & Drilling Co.	$600,526.00

Cost Summary

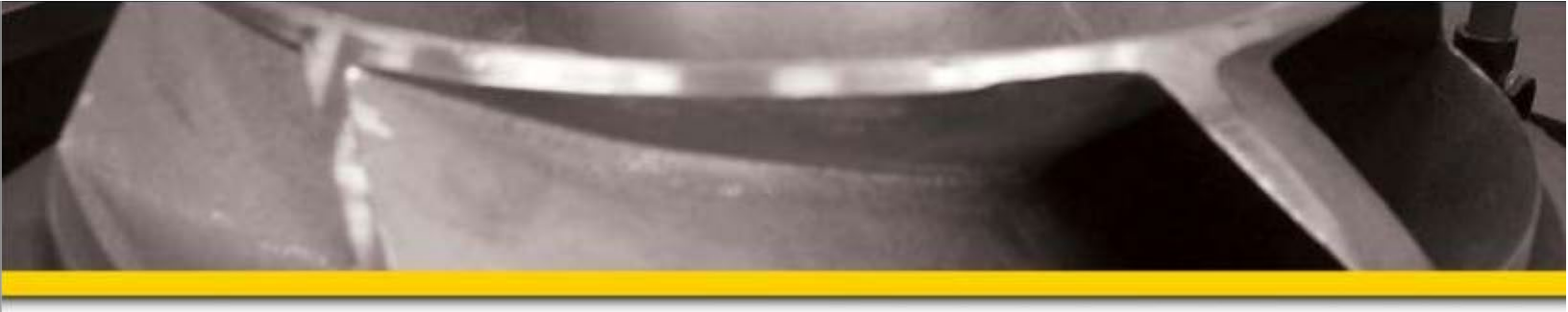
Contract Amount:	$795,000
Contingency:	$105,000
Total:	$900,000

Budget:

This work is non-budgeted in the not-to-exceed amount of $900,000.

Supporting Documents:

- Weber Water Resources Proposal
- General Pump Company Inc. Proposal
- S.A. Camp Pump & Drilling Co. Proposal



WEBER
WATER RESOURCES

Palmdale Water District
Well 2 and 3
Rehabilitation

Project ID: 1-04-4235-400
Request for Proposal

Weber Water Resources
Jose Villanueva
909-383-5837
1785 Container Circle
Jurupa Valley, CA 92509

WeberWaterResources.com

WEBER
WATER RESOURCES

January 14, 2026

Dear Prospective Client:

Ongoing maintenance, well and pump repairs are a critical requirement for each of our clients and an excellent opportunity to combine two of Weber Water Resources greatest strengths — 1) well rehabilitation and 2) pump repair and installation.

In addition to completing multiple projects for various municipalities, industrial and agriculture customers, Weber Water Resources has also completed numerous on-call contracts that entail the maintenance and service of water facilities.

Well Maintenance and Repairs: Weber Water Resources has experience completing water services projects throughout the Southwest United States. Our ability to self-perform a substantial portion of all projects ensures the project transitions seamlessly from design to completion, while staying on schedule, with a superior level of quality. We are known for our problem-solving abilities and work closely with every client to ensure each project is collaborative and cost-effective.

Weber Water Resources is highly experienced in handling a variety of types of services and sizes of projects.

Experienced Project Team: Each team member has the necessary experience to make each project a success for everyone. Our team's expertise on various projects, combined with our innovative design methods, will ensure outstanding responsiveness and quality work on every project.

Your contact for this RFP:

Jose Villanueva
Weber Water Resources
1785 Container Circle
Jurupa Valley, CA 92509
(909) 383-5837
jvillanueva@weberwaterresources.com

Find enclosed Weber Water Resources' response to Palmdale Water District's Request for Proposal for Well 2 and 3 Rehabilitation.

Weber Water Resources has the assets to perform this project fully, effectively, safely, and on time. Weber Water Resources CA, LLC can meet the requirements of the RFP and intends on entering PWD's professional services agreement without any modifications or amendments.

This proposal is valid for 90 days from the date of receipt.

Thank you in advance for your consideration to our response to your Request for Proposal. We look forward in further discussions concerning this project.

Sincerely,
Weber Water Resources

JVillanueva

Jose Villanueva
Vice President of Operations
Weber Water Resources CA, LLC

WEBER ADVANTAGE

Weber Water Resources has been providing the widest range of water resource solutions with the lowest risk to clients for over a century. Weber is able to partner with public and private clients to achieve the most desirable results possible.

WHY WEBER

When problems are present, solutions are what Weber Water Resources provides. Our unique approach to handling our clienteles' needs is showcased through our project manager's availability to develop a personal relationship with each client to better understand the needs and scope of each project. A plan tailored to deliver maximum results is over seen by our project managers from inception to completion.

With a state-of-the-art database to track essential components of your water system infrastructure. Documented quality control processes and over 1400 hours annually of continual education among staff, Weber Water Resources truly provides solutions in the water resource industry at the lowest risk possible.

MARKETS

With over 100 years in the industry, Weber Water Resources has been providing a wide range of water resource solutions to respond to the unique needs of both public and private clients. Weber Water Resources provides services to a variety of mark segments, recognizing that each market has unique needs to addressed. Weber's specific processes are tailored to each of these segments, enabling the end user to reap maximum results.

- Municipal
- Industrial
- Agricultural
- Wastewater
- Mining

WHAT WE DO

Weber Water Resources has the capabilities to serve the municipal, industrial, agricultural, turf, golf, wastewater and mining markets with multiple service offerings from simple single phase pump diagnostics to the construction of Ion Exchange Arsenic Removal Systems, our superior problem-solving ability delivers results.

SERVICES

*Well Pump Service
*Preventative Maintenance
*Well Video Surveys
*Brush and Bail
*Airlifting/Jetting
*Well Drilling
*Well Abandonment
*Booster Pump Service
*Station Retrofits and Upgrades
*Motor Rewinds
*Vertical Turbine (Line Shaft/Submersible)
*Aquifer Testing
*Well Rehabilitation
*Chemical Treatment
*Zonal Targeted Pumping
*Well Modifications
*New Well Construction
*New Station Installation
*Electrical Services
*Diagnostics

LICENSES:
A General Engineering

Contractors' License:	970199
Water Well Drilling License:	C-57
DIR #:	1000006548
Emod Rating (2024)	.9

Paid, Active or Pending Litigation for the past five (5) years: NONE

Key Personnel:

Marty Weber, Chief Executive Officer:

Professional individual offering extensive knowledge in the water resource industry with the ability to problem solve, coordinate, delegate and manage projects and resources effectively. Eighteen years of field and management experience in cable tool, hollow stem auger and rotary drilling, and pump installations. Eight years of field experience includes new well installation and design, pump repairs, well abandonments, acidization, cementing and various rehabilitation procedures. Ten years of management experience, initially directing all of operations, and now CEO. Certifications/Licenses: Contractors License's in Arizona, California, and Nevada, Well Drillers Licenses in California, Arizona and Utah.

Tim Plath, General Manager/Drilling Manager:

Tim has worked in the water resource Industry for the past 15 years. He specializes in maximizing the efficiency of wells. The vast experience Tim has with well rehabilitation, pump design and test pumping allows him to use that knowledge to provide the greatest cost/benefit solution to the customer. Tim has managed projects ranging from pump maintenance clients, complete well sites that included drilling a new well, equipping the well and site construction. Tim works with customers every step of the way to ensure their project goals are met.

Jose Villanueva, Vice President – Operations (CA):

Jose started his career at Weber Water Resources 16 years ago as a helper on a cable tool rig. Jose was motivated and determined to become a Cable Tool rig operator and with the Weber training provided, Jose became one of the organizations best Operators performing well drilling, well modification, chemical rehabilitations, brush/bailing, airlifting, and liner installations. In addition to the Cable Tool rig, Jose operates a pump rig and can perform aquifer testing.

His wide range of field experience and dedication to perform work efficiently and safely has allowed him to successfully manage personnel and projects. Well rehabilitation and repair projects have been a substantial part of Jose's work with Weber Water Resources.

Tony McBee, Senior Technical Advisor/Project Manager:

Tony's experience spans over 30 years in the water and wastewater industry. His experience with pumping plant equipment includes installation of new equipment, repair of existing equipment, applications and engineering, design-build and project management primarily in deep-well, booster and process equipment applications. Through his experience, he has worked with numerous engineering firms, pump manufacturers' engineers and technicians building long-standing relationships with several municipal and industrial clients.

Weber Water Resources employs nearly 100 team members in three locations in California and Arizona, including operators (pump rig, drill rig, cable tool rig), rig laborers, field laborers, crane operators, well test technicians, field service and troubleshooting as well as shop mechanics, machinists and welders,

In addition to our employees, Weber has the assets to support our work activities, including rotary drill rigs, cable tool rigs, pump rigs and hoists, mobile cranes, service trucks, welders, compressors, and tooling (well tools, brushes, bailers, swabs, perforators). Each of our locations has a fully equipped machine shop.

Our employees receive annual training and updates with an emphasis on the technical and safety components of their work and regulatory compliance. Weber has the resources to complete work on schedule in an effective, efficient, timely and safe manner.

Weber Water Resources has performed similar projects for several of our clients over the past year and have the resources and assets to complete projects effectively and on time. In addition to our Weber team members, other assets available to perform this work include:

- Pump Rig w/ Spudder 11 each
- Cable Tool Rig 8 each
- Rotary Drill Rig w/ Ancillary Equipment 4 each
- Mobile Cranes 8 each
- Service Trucks 6 each
- Video Van 1 each
- Chemical Safety Trailer 1 each
- Well Test/Rental Bowls 25+ each
- Self-Contained Variable Frequency Drives 2 each
- Portable Starting Equipment 15 each
- Fully Equipped Machine Shop 3 each

These projects, with reference contacts, would include the following. Note all projects were completed within the anticipated schedule of the project:

- Elsinore Valley Municipal Water District
  Terra Cotta Well and Pump Rehabilitation
  Jesus Gastelum/951-710-4041
  Contract Value: $950,000/95% Self-Performed
  Specific Capacity Increase: >18%

- Santa Clarita Valley Water Agency
  Saugus Well 2 Well and Pump Rehabilitation
  Ryan Bye/661-753-7113
  Contract Value: $1,400,000/95% Self-Performed
  Specific Capacity Increase: 22%

- California American Water
  Garza 3 Well and Pump Rehabilitation (35% increase to specific capacity)
  LL5 Well and Pump Rehabilitation (15% increase to specific capacity)
  Rancho Canada Well and Pump Rehabilitation (5% increase to specific capacity)
  Scott Ottmar/831-646-3290
  Contract Value: $540,000 (Combined)/100% Self-Performed

Project Understanding

Weber Water Resources has reviewed the Request for Proposal and understands that Palmdale Water District has the need to rehabilitate two (2) existing water wells, PWD Well 2 and Well 3. The need to have these wells back in service as soon as possible is critical to the project Owner. Considerations for the work are:

- The age of the wells.
- The original construction of the wells (casing material, wall thickness).
- Existing casing patches in both wells.
- The inherent risks associated with introducing tooling and performing work in a water well.

Methodology for Well 2 and 3 Rehabilitation (Work Plan)

Based on the data contained in the RFP, the following recommendations are provided for chemical cleaning of Palmdale Wells 2 and 3.

The wells are to be treated with a solution of NuWell-110 Granular Acid or NuWell-120 Liquid Acid in combination with NuWell-310 Bioacid dispersant. The NuWell-310 increases the acid's capability to effectively remove the mineral scale and any biological material. The NuWell-310 will also reduce the crowding that occurs on the reactive surface by keeping material in suspension and increasing acid activity at the molecular level. In addition to the above NuWell-310 acts as an inhibitor to protect the well materials and tooling during the well cleaning process. The NuWell-400 will help with deeper penetration of the chemistry into the formation for better cleaning.

The treatment volume is calculated based on the input data also keeping in mind, the need to treat the well casing, gravel pack and formation using appropriate chemicals and their concentrations at a cleaning pH level of 3 or less during the treatment process.

Effective cleaning of the well is achieved by pushing the treatment fluids into the formation and allowing the treatment fluids to react with the well blockage. This can be accomplished as follows:

Physically clean the inside of the wells by removing any loose scale deposits. This will be done by brushing and/or jetting. Evacuate all of the loose material from the well after physically cleaning the well.

A solution of 40% of the total treatment volume of clean, potable water (400x 0.4 = 3204 gallons) should be used to mix with the recommended treatment chemicals in the tank on the surface. The mixing tank should have a capacity of at least 20% greater than the volume of solution to be mixed in the tank in order to avoid spilling during the mixing and transfer or the chemicals can be mixed in multiple batches. Blend the acid into the water (not the water to acid); then add the NuWell-310 Bioacid dispersant and NuWell-400 non-ionic surfactant, again and blend thoroughly.

Place 75% of the cleaning solution across the screen section by spotting it with a double surge block and swabbing the solution into the screen. Also wash the casing with the cleaning solution in the well to help clean the upper non-wetted portion of the casing.

Check the pH at 0.5-to-one-hour intervals especially in the beginning to be able to maintain a minimum pH of 3.0 in the cleaning solution in the well. If the pH rises above 3, add approximately half of the remainder of the cleaning solution to the well. After about 10 to 20 hours spot the remainder of the acid solutions in the screen section and work it into the formation. Allow the solution to remain in the well for a minimum period of 24 to 48 hours.

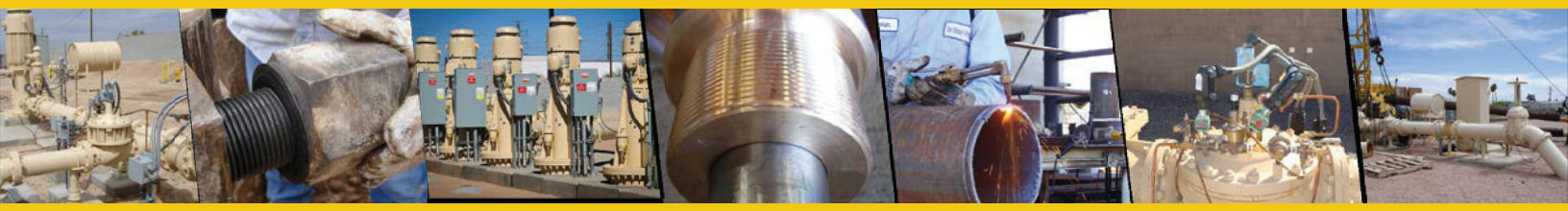
The well should be periodically swabbed to move the cleaning fluids into the formation to facilitate cleaning. Use deliberate stroking to push volumes of cleaner into the area outside the screen.

Check the pH occasionally of the treatment solution and add an additional quantity of acid whenever needed to maintain the pH near 3.
After the cleaning solution has worked in the well for at least 24 to 48 hours, pump the acid to a waste- holding area and neutralize it prior to discharge.

If the well shows sign of mechanical blockage due to sediment infiltration or if the produced water is exhibiting elevated occurrence of very fine sand, silts and clays it is recommended that after a well has been cleaned, and all of the cleaning fluids have been removed, the well be redeveloped using NuWell-220 Clay Dispersant. NuWell-220 can be swabbed into the formation for 2 to 12 hours to remove clays and fines, especially in older wells that have either not been properly developed or that fines are migrated due to disintegration of the formation.

After treatment, develop the well through focused-intake pumping, airlifting and test pumping. Monitor discharge water during development to support effectiveness of rehabilitation and conditions down-hole. Provide deliverables.

Included in our proposal is subcontracting Pacific Surveys, LLC to perform all down-hole logging (well video surveys, CITM surveys). A statement of qualifications is attached.



OUR VISION

Weber's vision is to be a global leader in innovative and strategic water resource solutions.

OUR MISSION

Weber's mission is to support the needs of our diverse water industry clients. This is accomplished through world class service provided in a profitable manner that enables the personal and professional growth of our employees.

WHY WEBER

When problems are present, solutions are what Weber Water Resources provides. Our unique approach to handling our clienteles' needs is showcased through our project manager's ability to develop a personal relationship with each client to better understand the needs and scope of each project. A plan tailored to deliver maximum results is overseen by your project manager from inception to completion.

MARKETS

With over 100 years in the industry, Weber Water Resources has been providing a wide range of water resource solutions to respond to the unique needs of both public and private clients. Weber Water Resources provides services to a variety of market segments, recognizing that each market has unique needs to be addressed. Weber's specific processes are tailored to each of these segments, enabling the end-user to realize maximum results.

- Municipal
- Industrial
- Agricultural
- Turf
- Golf
- Wastewater
- Mining

WHAT WE DO

Weber Water Resources has been providing the widest range of water resource solutions with the lowest risk to clients for over a century. Weber is able to partner with public and private clients to achieve the most desirable results possible. We have the capabilities to serve the municipal, industrial, agricultural, turf, golf, wastewater and mining markets with multiple service offerings. From simple single phase pump diagnostics to the construction of ion exchange arsenic removal systems, our superior problem solving ability delivers results.

Services

- Well Pump Service
  - » Vertical Turbine
  - » Submersible
  - » Preventative Maintenance
  - » Aquifer Testing
  - » Video Surveys
- We ll Rehabilitation
  - » Brush & Bail
  - » Chemical Treatment
  - » Sonar Jet
  - » Airlifting/Jetting
- Well Drilling
  - » Modifications
  - » Abandonment
  - » New Well Construction
- Booster Pump Service
  - » Preventative Maintenance
  - » New Station Installation
  - » Retrofit
- Electrical Services
  - » Motor Rewind
  - » Motor Controls
  - » Diagnostics

Statement of Qualification

Pacific Surveys, LLC was formed in October 1998 and began services in January 1999. The principal of Pacific Surveys, Michael C. Ridder, has over 30 years' experience in well logging with 30 years of experience relating specifically to environmental groundwater studies and groundwater development in the southwestern United States. The groundwater industry of the southwestern United States is vital for sustaining the current population and essential for any future growth. The services Pacific Surveys offers help in the exploration, development and management of the groundwater resources to sustain and grow the economy of the southwest.

Geophysical Well Logging is the act of measuring physical properties of the Earth's sub-surface via a boring or a constructed well. Instruments are lowered down the boring/well using a wireline which permits data transmission to and from the instrument. The instrument receives instructions and then takes measurements of the surrounding rock and sends that information to the surface. This is often presented in graphical format as a *physical property vs. depth* (see example on last page). All logs are acquired using the newest technology in computer acquisition with advanced features in data calculation and presentation. The computer system interacts directly with all downhole instruments, ensuring accurate and reliable data collection. The system's design focuses on field application, as opposed to post editing, where final acquisition and calculations are made at the well site when decisions are needed. Pacific Surveys' commitment is to bring to the field the most comprehensive suite of geophysical logging instruments available, with sophisticated software for full and accurate data presentation.

Services range from open-hole logging with an emphasis on geo-hydrologic unit identification to production logging where production profile, flow distribution and water quality sampling and mass balance calculations are integrated and presented with in situ measurements. Video Surveys and biological/scale well sampling is also offered.

History: Production Wells and Exploratory Borings

- February 1999 Pacific Surveys was retained to provide video surveys and sampling of scale and biological material at Irvine Ranch Water District Well #78. Pacific Surveys was asked to design and build a special device to collect scale and bio-fouling material from the well at a specific depth –depths were chosen utilizing the video survey. Pacific Surveys worked in conjunction with Geoscience Support Services of Claremont, CA and Flow Science of Pasadena, CA.

- April to July 1999 spinner and depth specific fluid samplings at several wells in Chandler, AZ. Constraining space required our 1 11/16" spinner to enter the well without access tubing and pass column pipe and pump bowls to acquire data. Depth specific sampling was performed in a similar manner. Production profile and flow distribution was performed at the well site. Brown & Caldwell of Phoenix, AZ was the prime contractor.

- Exploratory groundwater development project in Harquahala Valley, AZ for PG&E to identify water bearing strata using various instruments. The logging suite consisted of Electric log, Laterolog 3 with Gamma-Ray, Full Waveform Acoustic, Sonic velocity, Sonic derived porosity and borehole geometry employing multi-arm caliper. The project was to locate and develop groundwater for future electric generating plant.

- August 1999 static spinner runs at several wells in Nogales, AZ that were performed to ascertain fluid movement between hydrologic units. A Spinner was also run in the production well to determine production profile. Prime contractor was Clear Creek Associates of Phoenix, AZ.

- Spinner and Depth Specific Fluid Samples were conducted on City of Paramount Well #13 to determine production profile and distribution of Iron and Manganese. Depth Specific Fluid Samples were retrieved. After laboratory analysis, mass balance calculations were performed and presented with flow data.

- Induction logs were run on various wells in Culver City and Santa Monica. Pacific Surveys was retained by Bechtel Environmental, Environ Corp and Wayne Perry Inc. to determine lithological units. The wells were constructed with PVC casing. Open-hole logs were also run on several borings. The investigation centered on MTBE contamination in the Charnock Groundwater Basin.

- Multiple open-hole logs in the city of Chandler, AZ for water development study with Brown & Caldwell of Phoenix, AZ. Logging suite included: Electric log, Laterolog 3 (guard), Gamma-Ray, Caliper, Temperature and Sonic Velocity/Porosity.

- Spinner and Depth Specific Fluid Sampling with Orange County Water District on an injection well in Fountain Valley, CA. Performed production and flow distribution calculation for multiple screen intervals.

- Spinner and Depth Specific Fluid Sampling for Los Angeles Dept. of Water and Power on well #11 in Compton, CA. Production and flow distribution along with general chemistry were evaluated. Mass balance calculations were performed and presented with in situ measurements.

- Regional investigation with California Dept. of Water Resources near Corning, CA. Performed various open hole logs to ascertain hydrological units for future production wells for environmental relief for Deer Creek.

- Summer of 2002 multiple well project for California Dept. of Water Resources (Northern Division) at Tule Lake, CA. Deep production wells were drilled through lake deposits and into the water bearing basalts. This program was funded by the State of California to provide a water source for the local agricultural industry for cover crops since the primary source of water, the Klamath River, was cut-off due to environmental concerns. Performed various logging services to ascertain lithology and cross-basin correlation along with production profiles of completed wells.

- Summer of 2005 performed Borehole Televiewer surveys on seven core holes to ascertain fracture density and distribution. The Borehole Televiewer is an acoustic device that scans the borehole wall to create a 360° image of the formation. From this image, fracture dip and strike along with quantitative aperture measurements can be determined. Contaminants from a testing laboratory entered the local granitic rock through a network of fractures. Our

services were used to characterize the nature of that network. The facility is located in Norco, CA.

- Performed open hole logging services for **Dominguez Gap Barrier** project in the years of 2001 to 2002. Services provided were geophysical well logs to assist in well design and geological correlation. Once the injections were completed, performed video inspections of the completed wells along with alignment surveys.

- Throughout 2007 and 2008, Pacific Surveys performed various services for the Southern Nevada Water Authority in both exploration and development of groundwater resources for Las Vegas. The project involved multiple logging suites in and around Spring Valley in northern Nevada.

- Eureka Moly, a molybdenum mining company, started exploration and geo-hydrologic work in the fall of 2007, stretching into 2008. We performed various logging suites, primarily to characterize the groundwater basin, for development of a water source for processing the molybdenum. The Mount Hope Project is one of the largest Moly mines in the world.

- Conducted downhole video inspection on 43 monitoring wells for Los Angeles County Department of Public Works (**LACDPW)** Injection Barrier during the summer of 2009. Work involved using a 1.75" side-scan and axial view camera and a small ¾" axial camera for wells that were damaged and difficult to enter. The data was used to assess the general condition of the monitoring wells. Worked directly with **LACDPW**.

- March 2010 to April 2011: Geophysical well logging of monitoring wells for Los Angeles Water and Power **(LADWP)** in Owens Valley at Owens Lake. The depths of the open holes ranged from 1200 ft to 1600 ft. Logs were used to establish the geologic correlation between drill sites as well as to determine screen intervals. The logging suite consisted of electric resistivity logs (Short and Long Normal, Laterolog 3 and SP), Gamma-Ray, Temperature, Sonic Velocity and Caliper.

- July 2010 to November 2010: Conducted extensive well assessment of the Alamitos Barrier Project in conjunction with CH2M-Hill. Surveyed approximately 27 injection wells and monitoring wells located in the Alamitos Gap area of Seal Beach and Long Beach. These wells are managed by **LACDPW**. The assessment employed casing inspection thickness tools that measured the variation in metal thickness in well diameters ranging from 6" to 16". These measurements can be used in assessing integrity of casing wall thickness so individual wells can be ranked for purposes of capital improvement. Cement Bonds Logs (CBL) were also conducted in the wells to determine the integrity of cement seals.

- September 2010 to Present: Conducting extensive well assessments in the Alamitos, Dominguez and West Coast Basin Barrier Projects in conjunction with MWH Americas. **LACDPW** has tasked MWH and Pacific Surveys to conduct well assessments on approximately 120 injection wells located among all three barrier projects. These well assessments used the casing inspection tools developed by Pacific Surveys to measure casing thickness in metal constructed wells. CBL and Video Surveys were also conducted in all the wells. The Acoustic Televiewer (ATV) was used in assessing the Asbestos Cement Wells to determine wall thickness by applying the same method used in assessing metal casing with use of acoustic energy.

Pacific Surveys, LLC

Some of our Customers

Advanced Earth Sciences
Advantage Environmental
AECOM, Inc. dba AECOM Environmental
Alsop Pump & Drilling
Amcal General Contractors Inc.
AMEC Earth & Environmental
AMEC Geomatrix Consultants
American Integrated Services
American Water Well
City of Anaheim
Arcadis U.S. Inc.
Arcadis Geraghty & Miller
Avocet Environmental
Bakersfield Well & Pump
Balance Hydrologics
Barbour Drilling
Battelle Memorial Institute
Blasland, Bouck & Lee
BC2 Environmental Corp.
Bechtel Environmental
Best Drilling & Pump
Blythe Energy, LLC
Boart Longyear Drilling Services
Bookman-Edmonston
Bradbury Stamm
Bradley & Sons Drilling
Brigham Young University
Brockmeier Consulting Engineers
Brown & Caldwell
Camp, Dresser & McKee
Canyon General Improvement District
Cascade Drilling
Camp, Dresser & McKee
CDM Constructors, Inc.
Ch2m-Hill
City of Arcadia
City of Cerritos
City of Downey
City of El Monte
City of Loma Linda
City of Nogales Engineering
City of Orange
City of Riverside
City of Tulelake

City of Tustin
Clear Creek Associates
City of Compton
City of Corona
Cortez Gold Mines
Coso Operating Company
Dayton Valley Industries
Delta Environmental Inc.
Desert Empire Drilling
Desert Water Agency
Dudek Engineering & Environmental
American Well Technologies
E.L. Montgomery & Associates
Earth System Southwest
Earth Tech/Aecom
Eaton Drilling Co. Inc.
Eklund Drilling
El Capitan Mutual Water Company
Elsinore Valley Municipal Water District
Environ Corporation
Equipoise Corp.
Earth Resource Group
Environmental Resources Management
Eureka Moly, LLC
Fain Drilling & Pump
Fontana Water Company
Foster Wheeler Environmental Corp.
Fugro West, Inc
Gateway Gold USA Corp.
General Pump
Geo-Tech Exploration
GeoPentech
Geoscience Support Services
Geosyntec Consultants
Geotrans Inc.
Geologic Associates
Golder Associates Inc.
Gregg Drilling
Gresham,Savage,Nolen & Tilden
GSI Water
Geotechnical Consultants
Haley & Aldrich
Hargis & Associates, Inc.
Harich Enterprises
Integrated Water Resources
Johnson Controls, Inc.
Joshua Basin Water District
Kennedy-Jenks
KHM Environmental Management, Inc.
Kleinfelder & Associates
Komex Environmental
Los Angeles County Sanitation Districts
Los Angeles County Dept. of Public Works
Los Angeles Dept. of Water & Power
Layne Christensen Co.
Leighton & Associates
LFR Inc.
Los Alamos County
Luhdroff & Scalmanini
Mactec Engineering
Malcolm-Pirnie
Mark Dyer
Martell Water Systems
Mesa Consolidated Water District
MGC Contractors
Miller Brooks Environmental
Mojave Water Agency
Montgomery Watson
Muller Irrigation
Narasimham Consulting Services
Newmont Mining Corp.
Nimbus Engineers
Ninyo & Moore
Northstar Environmental Remediation
Olsson Construction
Orange County Water District
Orland Artios Water District
Otay Water District
Palm Springs Pump
Parsons Engineers
Pascal & Ludwig Constructors
Penchanga Band of Indians
Petra Geotechnical
City of Pomona
Psomas Engineers
Pueblo Water Resources
R& M Environmental & Engineering
Rancho California Water District
Randall Wallis Well Services
RBF Consulting
Resource Management Consultants

Reynolds Group
Rincon Consultants
City of Riverside Public Utilities
Round Mountain Gold Corp.
Santa Ynez River Water Conservation Dist.
SCS Engineers
Secor International
Shaw Environmental
Sierra Exploratory Drilling
Richard Slade & Associates
Southern California Water Co.
South West Pump & Drilling
Stetson Engineers Inc.
Stewart Brothers Drilling
Suburban Water Systems
Tait Environmental Management
Tetra Tech Inc.
TMR Geologic Consulting
Todd Engineers
TriHydro Corp.
Metro Water District
Tulelake Irrigation District
University of California
UNAVCO, Inc.
United Water Conservation District
URS Corp.
USGS
Walnut Valley Water District
Waste Management
Water Development Corp.
WDC Exploration & Wells
Water Replenishment District
Wayne Perry, Inc.
Wildermuth Environmental
Zim Industries

Some Photos and Examples:

Figure 1: Video Surveys of Historic Wells in the Mojave Preserve

Figure 2: Production Logging for Water Well

Figure 3: Collecting Fluid Samples

Figure 4: Pacific Surveys' Acquisition System

Figure 5: Example of Video Survey Report

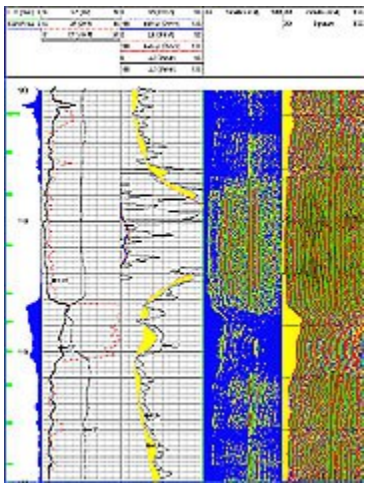


Figure 6: Example of Logging data

Figure 7: Inspection of Injections Wells for O.C.W.D.

Figure 8: CITM entering water well located in Temecula, Ca

Open Hole Logging: Owens Lake

Tool Manufacturer and Specification for Pacific Surveys Geophysical System

Electric Log (S.P. 16in & 64in Normals)
Digital
Calibration: 4 point on normals
2 point on S.P. and Point
Manufacturer:
Comprobe Inc.
9632 Crowley Rd.
Fort Worth, TX

Gamma-Ray/Laterolog 3
Digital
Calibration: 5 point (LL3)
API Units for Gamma-Ray: 2 point
Gamma-Ray Detector: 4" x 2" scintillation
Manufacturer
Phoenix Survey Instruments
519 I-30
Ste 237
Rockwall, TX 75087

Caliper (three arm)
Pulse
Calibration: 2 point or multi-point
Increased spring tension for large diameter wells and heavy muds.
Manufacturer:
Comprobe Inc.
9632 Crowley Rd.
Fort Worth, TX

Spinner
Pulse
Calibration: 1 point
Threshold: 1.84ft/min
Titanium Impeller
Manufacturer:

Computalog Inc.
500 Winscott Rd.
Fort Worth, TX 76126

Temperature/ Fluid Resistivity
Pulse
Calibration: 2 point
Sensors: Platinum Thermistor (Temp)
Wenner Array Electrodes (6) Fluid Res.
Manufacturer:
Mount Sopris Instruments
17301 West Colfax Ave.
Golden, Co 80401

Computer System
Digital (Digital Signal Processing)
Window Based: 16 & 32 bit
Calibrations are in engineering units
Manufacturer:
Scientific Data Systems
16840 Clay Rd.
Suite 105
Houston, TX 77084

Depth Specific Fluid Sampler
Surface actuation of downhole valve.
All Stainless parts and components
2 1/8" and 1 ¼" diameter
Capable of collecting 4 liters in one trip
Manufacturer:
Western Fabricators
420 30th St.
Bakersfield, CA 93301

Deviation Probe
Digital
Calibration: Factory Setting
Inclination: 30 degree max from vertical
Accuracy: +/- 0.1 degree
Azimuth: 360 degrees
Accuracy: +/- 3 degree
Manufacturer: Owl Technical Associates, Inc.
1111 Delware Ave.
Longmont, CO 80501

Gyroscopic Probe
Digital
Dual Gyroscopes
Calibration: Factory Setting
Inclination: 360 degree
Sensitivity: 0.001 Degrees
Azimuth: 360 degree
Sensitivity: 0.001 Degrees
Manufacturer: IFG Corp.
26 Bramsteele Rd
Brampton, Ontario
Canada L6W 1B3

Acoustic (Sonic) Travel Time/Amplitude
Analog/Digital
Single Transmitter, Dual Receiver
Measurements: Travel Time of P-wave, Amplitude, VDL, Sonic Porosity
Cement Bond Log
Manufacturer:
Computalog Inc.
500 Winscott Rd.
Fort Worth, TX 76126

Dual Induction
Digital
Focus with Deep and Medium Induction
2 point calibration
Manufacturer:
Advanced Logic Technology (ALT) sarl
Bâtiment A - Route de Niederpallen
L-8506 Redange-sur-Attert
Grand Duché du Luxembourg

Sidewall Bio-Sampler
Retrieves samples from casing wall in sealed stainless steel container.
Manufacturer:
Pacific Surveys, LLC
4456 Via St. Ambrose
Claremont, CA 91711

Side-Scan Video
Ability to view axial and normal to well casing, with color video on VHS or DVD. Reports have still color images taken at selected interval in well.
Manufacturer:
CCV Engineering
5748 E. Shields Ave.
Fresno, CA 93727

Claude Laval Corp.
21365 N. Clovis Ave.
Fresno, CA 93727

CITM Casing Inspection Log
Using electromagnetic wave to measures weight of steel casing for diameters from 12" to 20". Has electromagnetic caliper and high-resolution indication of changes in metal integrity. Used to assess corrosion and metal loss in steel casing which impacts integrity.
Manufacturer:

CGB Corp.
2601 McHale Ct. Ste 145
Austin, TX 78758

ICL Casing Inspection/Collar Locator
Inspects casing in pipe diameters from 4" to 9 7/8" ID. Uses electromagnetic waves in determining casing integrity.
Manufacturer:
CBG Corp.

Acoustic Borehole Televiewer
ATV measures ultrasonic reflected waves to create an image of the borehole wall in open hole and uses refracted waves to measure casing thickness in steel or cement wells. Images and data can be oriented to known mark or magnetic north.
Manufacturer:
ALT
Bâtiment A - Route de Niederpallen, L-8506
Redange-sur-Attert, Grand Duché du Luxembourg

Optical Borehole Televiewer
OBI records optical images of open hole in a continuous log. Image is used in lithological interpretation along with structural analysis.
Manufacturer:
ALT
Bâtiment A - Route de Niederpallen, L-8506
Redange-sur-Attert, Grand Duché du Luxembourg

Noise Log
Records hi-fidelity sound downhole for location of gas or water production through restricted areas of the pipe or annulus.
Manufacturer:
Titan Industries
11785 Highway 152
Pampa, TX 79066

All instruments are calibrated at the shop and calibration reports are displayed for each survey. A tool diagram can also be displayed with the log to illustrate sensor locations on each tool.

INFORMATION REQUIRED OF BIDDER

EQUIPMENT/MATERIAL SOURCE INFORMATION

The bidder shall indicate opposite each item of equipment or material listed below, the name of the manufacturer and supplier of the equipment or material proposed to be furnished under the bid.

Failure to comply with this requirement will render the proposal informal and may cause its rejection.

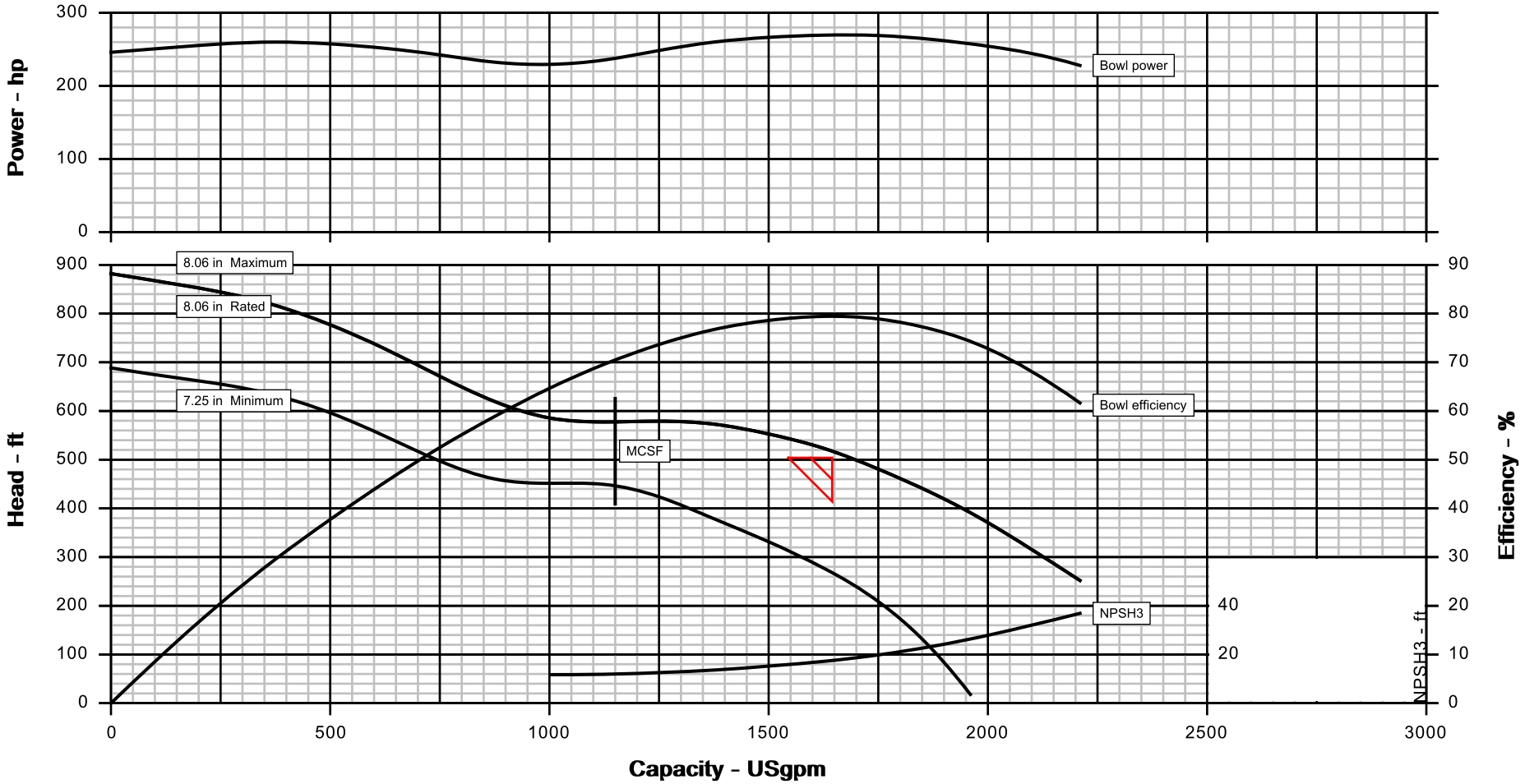
Awarding of a contract under this bid will not imply approval by the Owner of the manufacturers or suppliers listed by the bidder. No substitution will be permitted after award of contract unless equipment or material of the listed manufacturer or supplier cannot meet the specifications.

Specification No.	Equipment/Material	Manufacturer	Supplier	Delivery Time (weeks)
Task 7 - Part 2	Nu-Well Chemicals	Johnson Screens	Johnson Screens	1.5

Customer	: FLOWSERVE PUMP DIVISION		Task 11 Final Well Development Bowl	Capacity	: 1,644.1 USgpm
Item number	: -			Head	: 504.00 ft
Service	: -			Density / Specific gravity	: - / 1.000
Flowserve reference	: 504585485			Pump speed	: 1,780 rpm
Pump size & type / Stages	: 10EQH	/ 16		Ns / Nss (per eye)	: 2,360 / 8,370 (US)
Based on curve no.	: EC-2143			Test tolerance	: ANSI/HI 14.6 Grade 1B
Impeller diameter	: 8.06 in			Date	: November 17, 2023

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.

Bowl performance shown below is corrected for materials, viscosity and construction.



Bowl head of 518.86 ft corresponds with 504 ft head at discharge flange adjusted for elevation and friction losses.
The customer must provide a minimum NPSHa of 17.7 ft.

Hydraulic Datasheet

Customer	: FLOWSERVE PUMP DIVISION	Pump / Stages	: 10EQH	/ 16
Customer reference	: -	Based on curve no.	: EC-2143	
Item number	: -	Flowserve reference	: 504585485	
Service	: -	Date	: November 17, 2023	

Operating Conditions

Capacity	: 1,644.1 USgpm
Water capacity (CQ=1.00)	: -
Normal capacity	: -
Rated head @ Discharge flange	: 504.00 ft
Water head (CH=1.00)	: -
NPSH available (NPSHa) @ Low liquid level	: Ample
NPSHa less NPSH margin @ Impeller eye	: -
Maximum suction pressure	: Not applicable
Rated suction pressure	: Not applicable

Liquid

Liquid type	: Other
Liquid description	: -
Temperature / Specific gravity	: 60 °F / 1.000
Viscosity / Vapor pressure	: 1.00 cSt / -

Materials / Specification

Material column code	: B30

Other Requirements

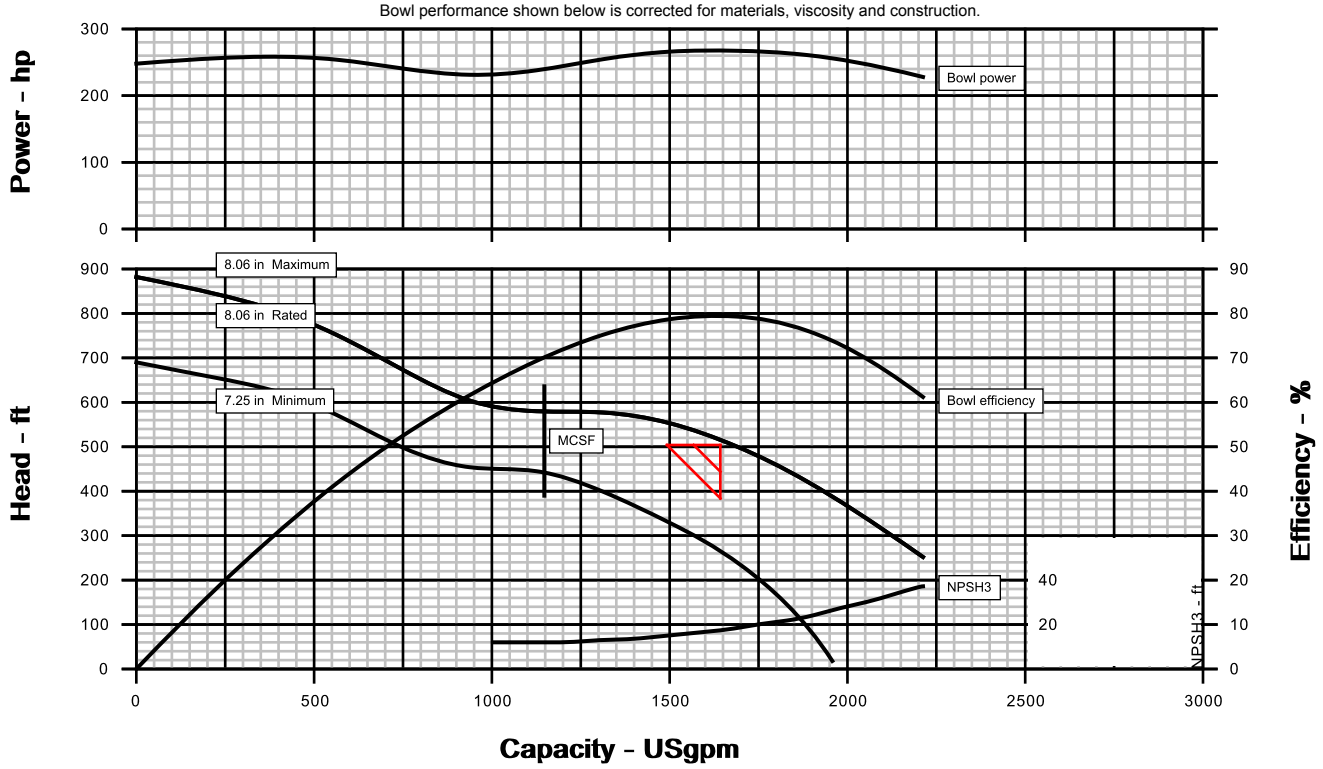
Hydraulic selection : No specification
Construction : No specification
Test tolerance : ANSI/HI 14.6 Grade 1B
Speed Set : 1780 rpm
Driver Sizing : Max Power(MCSF to EOC) using SF
Seal configuration : Packing

Performance

Pump speed	: 1,780 rpm	Impeller diameter	: Rated / Maximum / Minimum
NPSH required (NPSH3) @ Impeller eye	: 17.7 ft		: 8.06 in / 8.06 in / 7.25 in
Minimum submergence	: 21.00 in	Impeller diameter ratio (rated/max)	: 100.0 %
Hydraulic power	: 215 hp	Maximum head at rated diameter	: 881.88 ft
Efficiency (Pump overall / Bowl) (CE=1.00)	: 79.6 % / 79.8 %	Head rise to shut off	: 70.0 %
Power (rated/max)	: 270 hp / 270 hp	Total head ratio (rated / max) / (max / rated)	: 100.0 % / 100.0 %
Driver power rating	: 300 hp / 224 kW	Flow at BEP	: 1,644.1 USgpm
Bowl pressure	: 381.8 psig	Flow as % of BEP	: 100.0 %
(based on shut off @ cut dia/rated SG)		Minimum continuous flow	: 1,150.5 USgpm
Maximum allowable	: 410.0 psig	Rated thrust (at Rated flow)	: 6,023.2 lbf
Bowl & column hydrotest	: 477.2 psig	Maximum thrust (at Shut off flow)	: 10,016.3 lbf
Dischg Head Dischg Region MAWP	: 300.0 psig	Min thrust - Runout flow / Max Suction	: 3,073.9 lbf
Ns / Nss (per eye)	: 2,360 / 8,370 (US)	(A negative thrust value indicates an upthrust condition)	

CURVES ARE APPROXIMATE, PUMP IS GUARANTEED FOR ONE SET OF CONDITIONS; CAPACITY, HEAD, AND EFFICIENCY.

Bowl performance shown below is corrected for materials, viscosity and construction.



Bowl head of 518.86 ft corresponds with 504 ft head at discharge flange adjusted for elevation and friction losses.
The customer must provide a minimum NPSHa of 17.7 ft....

GENERAL PUMP COMPANY

Proposal

Palmdale Water District

RFP for Well 2 and 3 Rehabilitation

January 14, 2026

Prepared for:

Palmdale Water District
2029 E Avenue Q,
Palmdale, California 93550
Attn: Scott Hulsebus, Maintenance Supervisor
Wendell Wall, Facilities Manager

Prepared By:
Carlos Fajardo
Sales Engineer
General Pump Company, Inc.
cfajardo@genpump.com
934 Verdulera Street,
Camarillo, California 93010

LETTER OF INTRODUCTION

General Pump Company, Inc.
159 N. Acacia Street
San Dimas, California, 91773

Palmdale Water District
2029 E Avenue Q
Palmdale, CA 93550

Re: Well 2 and 3 Rehabilitation

Thank you for considering General Pump Company as a candidate for your pump and well services. We are excited to provide the Palmdale Water District with the background and evidence to prove why General Pump Company (GPC) is the partner of choice for this great project.

This is an opportunity that our team does not take lightly. Throughout this proposal we have worked diligently to prove not only our experience as a company for this project, but also, and most importantly, our experience as a team and a reputable group of water industry professionals.

GPC is the only well and pump service company in California that has a staff of experienced civil and mechanical engineers who are specialized and 100% dedicated to well and pump service. Unlike many of our competitors whose primary focus is on drilling new wells, GPC's only focus is on pump engineering service and well rehabilitation. This team allows for no-cost engineering work that can save the Palmdale Water District thousands of dollars per project. Certifications and licenses include C-57, Class A Engineering, Treatment II / Distribution II certified staff, and NGWA certified project managers.

GPC has a long history of outstanding work performed with other government entities and water departments through contract service agreements having similar requirements and scope has worked closely with the Palmdale Water District to

maintain their water systems for over 10 years. This is accomplished in part by our ability to allocate resources in a quick and efficient manner. GPC has 9 fully equipped pump rigs, 3 - 40T cranes, 6 stinger cranes and various support equipment that are located at our San Dimas, Camarillo, and San Bernardino facilities, located within 80 miles of Palmdale Water District well sites.

GPC has the most complete pump repair facility in California. While many send equipment out to other vendors to machine and repair pumps. GPC manufactures pump parts in-house and is the only manufacturer of the GPC water flush deep well turbine pump, which is the fastest growing deep well turbine pump design in California. Machine shop highlights include a vertical turret lathe, CNC lathe, and CNC mill.

GPC has cultivated strong partnerships throughout its 73-year history with multiple subcontractors who provide surveying services (Pacific Surveys, Advanced Downhole), swaging and patching (Longmire), electrical services (Littlejohn), and other experts throughout the industry to ensure our ability to respond to any unforeseen conditions encountered in well and pump evaluations.

Through our prior experience we hope that we have been able to prove to you that we are the team that you can trust. Through every step of the way, our group of industry-leading professionals will provide transparency and partnership so that your team will always feel they are receiving the best cost, quality, schedule, and safety for your dollar. GPC anticipates working closely with the District's personnel through each phase of every project. Following initial inspection and identification activities, GPC anticipates coordinating with the District and utilizing historical data to complete the full scope of work for the rehabilitation process required on well 2 and well 3. GPC's team of engineers and pump mechanics shall conduct thorough tear-down and inspections of all available components in-house, with the exception of the well motors which the District prefers to manage independently. In the event that the District requests that GPC assist with any motor repair, GPC would be happy to send the motors to the District's

LETTER OF INTRODUCTION

preferred authorized motor shop (such as Littlejohn or Delta Motors).These inspections, along with available historical and current operating data, will be reviewed by our team and used to propose recommended next steps, including any system repairs, mechanical and/or chemical well maintenance and rehabilitation activities, and equipment repairs or replacement. GPC takes a phased, step-by-step approach to ensure the District understands the benefits, risks, and costs associated with any proposed activities. GPC shall ensure worksites remain secure at all times throughout each project, utilizing third-party security services when necessary, and shall work with the District to ensure proper discharge compliance when appliable. The District shall have a dedicated project manager and backup contact information to ensure all calls for service are responded to within one working day. Our team will coordinate with District staff to schedule any required work and to subsequently complete the work in a timely, mutually agreed manner. All work shall be performed in accordance with any plans, drawings, specifications, or instructions provided by the District and shall meet quality standards consistent with industry practices. All work shall be completed to the satisfaction of the District. All parts used for repair and in reassembly of equipment shall be the manufacturer's authorized parts or as approved by the District in writing prior to installation.

The GPC team appreciates the opportunity to expand on our qualifications to Palmdale Water District, and we look forward to further discussing the experience and value we can provide. Please note, this proposal shall remain valid for a period of not less than ninety (90) days from the date of submittal.

Sincerely,

Carlos Fajardo

Sales Engineer
(805) 482-1215

PROFILE OF FIRM

CAPABILITIES

General Pump Company, Inc. is a professional well redevelopment and pump equipment contractor with locations in San Dimas, Camarillo and San Bernardino, California. The engineering staff, field support and service crews, and office support staff are 100% dedicated to well evaluation and rehabilitation, and pump equipment evaluation and services.

The technical staff at General Pump Company, Inc. have worked in almost every aspect of the well and pump industries. This diverse experience provides us with unique qualifications to serve our customers and provide them with solution-oriented approaches to get their system back into operation. Our engineers and hydrogeologists have all worked in the drilling and design segment of the water, and/or oil and gas industries, and many of our shop and support technicians have worked for major pump manufacturers.

General Pump Company, Inc. employs only experienced engineers, hydrogeologists and technical field personnel that can offer customers assistance in the following areas:

- Assess well yields to minimize operating and maintenance costs
- Determine the efficiency of production and ASR wells and pumps
- Engineered pump and well equipment
- Pump facility design and construction/booster facility design and construction
- Pipeline design and construction associated with pumping systems
- Appropriate mechanical and chemical redevelopment
- Periodic monitor and maintenance programs
- Water quality and production solutions/well system optimization
- Engineered pump suctions
- Pump and motor repair / custom pump design and machining
- Electrical, SCADA and transducer support related to pump operations
- Casing repair and swaging

PROFILE OF FIRM

- Video and geophysical logging support

General Pump Company, Inc., an Engineering Service Company, is dedicated to supporting the ongoing needs of the water industry, and committed to providing:

- Solution-oriented engineering using problem-solving techniques by degreed engineers with diverse well system and groundwater experience, and pump application engineers from major pump manufacturing companies.
- Full-time machine shop, staffed with experienced personnel capable of building and repairing standard and custom pump equipment and specialty products.
- Self-contained chemical trailers to include safety support and operational controls.
- Trained and certified operators for periodic monitoring and maintenance programs.
- In-house training facility and training programs for customers and our own personnel.
- Strong project and construction management for any size project.
- Instant communications with cellular radio/phones for all staff, engineering, technical, field and shop personnel, resulting in better services at a reduced risk and overall cost.
- Modern, safe and reliable equipment with the **only telescoping well rigs with spudders** in the industry which are required for effective redevelopment of wells in pump houses.

SAFETY

Safety is paramount when personnel and equipment are involved. A good safety record is important along with adequate insurance and bonding. General Pump Company, Inc. has the best safety record in Southern California for the water well and pump rehabilitation business. Over the past years, General Pump Company, Inc. has had minimal loss of time for work- related injuries.

PROFILE OF FIRM

ANNUAL CONTRACTS

Award of an annual contract is a great honor and to have an annual contract renewed year after year is the greatest compliment to a service company. It proves that the contractor has met or exceeded the customer's set goals and expectations. General Pump Company, Inc. has been selected by over 45 cities in Southern California to maintain their well and pumping systems. We have more annual contracts with cities than all our competitors combined. Additionally, General Pump Company, Inc. is the primary contractor or sole-source contractor for 15 private utilities and water districts. Most of these are multi-year contracts having been renewed several times over.

MACHINE SHOP CAPABILITIES

General Pump Company, Inc. is the only well and pump service company in Southern California that builds 100% of our bowl assemblies. This level of expertise, along with our in-house machining, allows us to supply or repair with a greater level of knowledge that your pump equipment will be reliable and efficient.

Our repair and fabrication facility maintains the most complete line of lathes, welding, and associated machining tools.

General Pump Company, Inc. has an expansive repair and fabrication facility. This facility has proven to be invaluable during our 70+ years of business, since many pump and motor repairs require a strong interface between machining, welding and electrical support in order to be completed. We have three major groups within our repair and fabrication facility that allow us to serve your needs in a variety of ways:

- **Fabrication and Machining**: Including lathes, milling machines, grinders, balancing machines, flame welding, gas and electric welding, heli-arc, etc. We perform welding on steel, aluminum, brass, cast iron, resurfacing, and custom work.

PROFILE OF FIRM

We repair all types of pumps by all manufacturers in our facility up to approximately 24-inch impeller diameter for single and multi-stage horizontal pumps and 30-inch diameter for vertical turbine pumps.

- **Assembly**: In general, the pumps we supply are designed and manufactured by General Pump Company at one of our engineering service centers. Assembly of pumps assures the highest quality product, with the assurance that it is built correctly and will meet the design criteria specified.

- **Field Services**: This service has helped us establish ourselves as well and pump problem solvers since many operational problems can be traced to poor installation practices. Having the proper diagnostic equipment and knowing how to use it distinguishes us as "The Leader in Well and Pump Services**".**

EQUIPMENT AND FIELD SERVICES

General Pump Company, Inc. maintains a full-service machine shop, clean and safe rigs and cranes are a minimum requirement for reliability, quality workmanship and safety.

General Pump Company, Inc. has several trucks fully loaded with essential equipment to handle many urgent repairs in the field. Our well and pump service crews are always ready and willing to assist your water utility with making a repair to keep your well and booster facilities running. Just let us know and we will be on the way, ready to provide you with the highest quality service available.

General Pump Company, Inc. has the newest fleet of rigs and equipment in Southern California. Maintenance and repairs are made at our San Dimas and Camarillo Facilities to make sure our field operations can safely and efficiently respond to our customers' needs. Below are the benefits to our customers.

PROFILE OF FIRM

- Reliable work - In water emergencies, it is important that this large equipment is ready to respond without breakdowns.
- Safety - Our new equipment is not likely to experience malfunctions that could result in major damage or possible injuries.
- The most up-to-date equipment to assemble the Customers' pumps.

General Pump Company, Inc. has chemical treatment equipment with fully operational safety equipment that includes eyewash and shower, along with other special redevelopment tools, which allow us to perform the most cost-effective cleaning to your wells.

QUALIFICATION OF THE FIRM

General Pump Company (GPC) has over 73 years of experience with pump engineering service and well rehabilitation. We are licensed C-57, Class A Engineering, C-61, D-21.

A list of previous similar projects that we've completed is shown below:

Project Client	**Description of Work**	**Period**	**% of Work Responsible**	**Cost of Work**
Environmental Construction Inc. Well 29	Well rehabilitation and pump repair	Apr 2023 – Jul 2025	100%	$1,135,790.00
This project was completed in accordance with proposed schedule and budget. There were no change orders or time extensions.				
Ventura County Water Works Well 4	Well rehabilitation and material supply for customer supplied new pump	Apr 2025 – Aug 2025	100%	$333,267.40
This project had 2 change orders which increased the original project cost. Both change orders were to supply materials that the customer did not have. One time extension was granted due to unknown foreign material in the baker tank which required analyzation by a third party to ensure proper disposal.				
Western Municipal Water District ADS Well 5	Traffic control, well rehabilitation, and pump repair	Jan 2024 – Jun 2024	100%	$525,000.00
This project was completed in accordance with proposed schedule and budget. There were no change orders or time extensions.				
City of Ventura Saticoy Treatment Plant Well 2	Well rehabilitation and supply new equipment	Mar 2025 – Jun 2025	100%	340,678.00
This project was completed in accordance with proposed schedule and budget. There were no change orders or time extensions.				

Additional project references may be supplied if requested.

PROJECT UNDERSTANDING

Because of **General Pump Company's** long history in Southern California (over 70 years), we have completed +1000 well rehabilitations, this has helped us master the well rehabilitation process and understanding of each one of them.

General Pump Company's well rehabilitation understanding for this project is as follows:

- Mobilization, Demobilization and Site Cleanup, where we will mobilize and demobilize all the necessary equipment, material, manpower and tools to execute the project in a safe, efficient and clean manner . Site will be cleaned out weekly, and the final site cleanup will be performed when job is finalized.
- Preliminary Testing of your pumping equipment where we will take Static Water Level readings, Gallon Per Minute readings, Pumping Water Level readings, Pressure readings, vibration readings, amperage and voltage readings.
- Pull pumping equipment and deliver it to GPC shop for pressure washing. Upon completing the inspection of all the pumping equipment, GPC will prepare an inspection report and a proposal for repairs, perform repairs and replace pumping equipment components, reinstall pumping equipment and perform startup testing.
- Downhole Camera Video Survey(s) of well to be performed: (1) following removal of existing pumping equipment, (2) following mechanical and chemical cleaning, and (3) following completion of work within the well.
- CITM Survey of well following removal of the existing pumping equipment, Casing Inspection Thickness Measurement throughout the entire length of the well casing and screen.
- Mechanical Cleaning of well, by brushing well with nylon or wire brushes with a variable speed continuously rotating arm. Following brushing, the well depth will be measured and all the fill will be bailed out of the well.
- Chemical Cleaning of well by injecting 2 phases of chemicals: phase 1 will be the injection of the polymer dispersant & non-ionic surfactant, phase 2 will be the injection of an acid base chemistry.

PROJECT UNDERSTANDING

- Initial Development by focused – intake pumping and swabbing to remove phase 1 chemicals and develop the well. Once finished, the well depth will be measured and all the fill will be bailed out of the well.
- Initial Development by Airlifting and Swabbing to remove phase 2 chemicals and develop the well. Once finished, the well depth will be measured and all the fill will be bailed out of the well.
- Install Test Pump for Well Development and Testing, GPC will install and remove the vertical test pump equipment including temporary water conveyance piping to discharge point.
- Final Well Development, pumping shall begin at approximately 25% of the designed capacity and shall gradually increase up to 150% of the anticipated design capacity, pump will also be periodically stopped at the direction of the owner's representative to create surge.
- Well Testing, well testing will include 4 – two hour discrete pumping rate step drawdown test, then allow 48 hours of recovery to perform a 24 hour constant rate drawdown test, at which point the owner's representative will determine the instantaneous flow rate to be used. Upon completion of the constant rate test, a 4 hour recovery test will be performed to measure and record the recovering water levels.
- Well Disinfection, prior to chlorinating the well we will remove any sediments/debris and oil on the water's surface, then Chlorinate the well per AWWA C654-21 standards achieving a 200 ppm available chlorine concentration, install the pumping equipment and while installing it we will spray all the pumping equipment with a chlorine solution of 100 ppm available chlorine concentration, pump equipment will have a contact time of no less than 24 hours and then we will run the well until chlorine residual is 0 to take bacteriological samples.
- As we described above in our proposal, **General Pump Company, Inc.** has been selected by 45 cities in Southern California to maintain their well and pumping systems. Every well rehabilitation is different, but your scope of work is very similar with jobs that we are currently working on, such as Ventura County Water Works District No. 1 – Well No. 20 rehabilitation

PROJECT TEAM EXPERIENCE AND AVAILABILITY

PETER H. BROOKS, CHIEF EXECUTIVE OFFICER

Academic Background

Harvard University: Bachelor of Arts; Dual Master of Business Administration Background and Master Public Policy.

Professional Experience

Peter Brooks is a water industry executive with 16+ years of management experience across the industry, where he has worked on disaster response and treatment plant operations as the leader of waterTalent; advanced water treatment and wastewater reuse at Xylem, Inc.; and in-conduit hydropower at NLine Energy. He is a former US Marine infantry officer, two-time Iraq War veteran, Fulbright Scholar, and an award-winning water policy instructor at Harvard where he also received an AB (High Honors) and MBA-MPP. Peter is a frequent speaker at water industry events and his writing and work have appeared in the Los Angeles Times, National Public Radio, and several water and wastewater industry publications including AWWA, OpFlow, WEFTEC Water & Environment Technology, and Water Online. He has given water industry presentations at Imagine H2O, Water Environment Federation WEFTEC, Association of Boards of Certification, American Water Works ACE, California Municipal Utilities Association, AWWA CA-NV, the Water Technology Summit, among others.

MICHAEL G. BODART, DIRECTOR OF ENGINEERING

Academic Background

University of Missouri - Bachelor of Science in Civil Engineering
Post Graduate C.E. Courses in Geohydrology, University of Southern California

Certifications

Certifications 1999-Byron Jackson Training Certificate
1998-Grade 1 & 2 Distribution and Treatment Certificates
1998-Engineering “A” License

Professional Experience

General Pump Company, Inc. - Director of Engineering – 2024-Present
General Pump Company, Inc. - President / Dir. of Eng. - 1993-2024
Layne Western - Regional Engineering and Sales Manager (4 offices)
Federal Highway Administration - Civil Engineer

Michael G. Bodart (Mike Bodart) is recognized as an expert in the field of pump engineering and well rehabilitation in southern California. He has been invited to speak for numerous professional water-related associations and conventions. Has been speaking professionally for more than 34 years and has presented in nationally known associations such as AWWA, Tri-State, Southern California Water Utility Association, Inland Water Works Association, Groundwater Resources Association and Central Coast Water Association. In 1992, Mike was part of a selected six-person panel of engineers who met in Kansas City to assist in training nationwide engineers in the water well pump business.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

TIMOTHY S. OMAN, PRESIDENT

Academic Background

California Polytechnic State University, San Luis Obispo
Bachelor of Science in Industrial Technology

Professional History

General Pump Company, Inc. - President – 2024-Present
Layne – Division Business Development Manager 2020-2024
Layne – Regional General Manager, Southwest 2018-2020
Layne – Director, Business Development 2017-2018
Layne – District Manager, Central and Northern CA 2014-2017
Layne – Account Manager, Central and Northern CA 2008-2014

Timothy S. Oman is an accomplished water industry executive with over 16 years of management experience. Starting his career at Layne as an Account Manager in the Water Resources Division, Tim led business development efforts across central and northern California before advancing to District Manager, where he oversaw four offices in the region. He later served in key roles as National Director of Business Development and Southwest Region General Manager. In July, Tim joined General Pump Company as its President.

Project Experience

Drought Relief Project, Bureau of Reclamation, Central Valley, Ca – Design build project of forty-four water wells including drilling and equipping. Wells ranged in depth from 220 to 1020'. Contract amount: $15,959,262

Well Field Expansion, Sandridge Partners, Strafford, CA – Expansion of existing well field. Design build project with scope of work including drilling and equipping of 10 wells ranging in depth from 640 to 1400'.
Contract amount: $10,261,473

KEITH COLLIER, GENERAL MANAGER

Professional Experience

Keith Collier served as the Owner of Legend Pump and Well Service, Inc. from 2010 to 2025. He currently holds the position of General Manager at General Pump Company, based at the San Bernardino branch. Mr. Collier brings over 30 years of experience in Water Well Industry.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

MICHAEL R. GARCIA, VICE PRESIDENT OF PROJECT MANAGEMENT

Academic Background

California State University, Fullerton - Master of Science Mechanical Engr.
University of Redlands, Redlands - Bachelor of Science in Physics

Professional Experience

Michael has been working for General Pump Company since 2014, starting as an assistant engineer and working his way into his current VP of project management role. Prior to entering the water industry, he was enrolled in a post graduate program where he was studying courses in materials of construction, mechanical design, and computer aided design. While at GPC, Michael has successfully managed and completed hundreds of well rehabilitation projects. In addition, he has spoken at numerous utility and professional water organizations including Southern California Edison, Southern California Gas Company, and Inland Empire Utilities Agency. Currently, Michael is responsible for overseeing the project management department at GPC to ensure efficient project execution and client satisfaction.

DANIEL J. PICHARDO, VICE PRESIDENT OF ENGINEERING

Academic Background

Seattle University – Bachelor of Science, Civil Engineering

Professional Experience

GPC – VP, Engineering – July 2023 – Present
GPC – Project Manager – Dec 2015 – Jul 2023
GPC – Purchasing Manager – May 2015 – Present
GPC – Application Engineer – Mar 2015 – Dec 2017
Atlas Environmental – Staff Engineer – Nov 2012 – Mar 2015

Daniel works with his team at GPC to provide engineering support for water well maintenance and rehabilitation considerations. Prior to entering the water industry, Daniel conducted environmental site assessments for LUST fund cleanup sites and plating facilities, delineating contamination plumes and determining suitable remediation methods. Daniel has spoken at numerous utility and professional water organizations including SCE, SoCalGas, Tri-State, IEUA, SCWUA, and WRD.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

THOMAS A. NANCHY, SENIOR PROJECT MANAGER

Professional Experience

Tom has been in the well and pump industry for over forty (40) years. Throughout his professional career, he has been involved with hundreds of well rehabilitations and is highly regarded in the industry. His wide range of experience allows him to solve many difficult well and pump issues and provide options. He has also spoken at many professional organizations throughout California with regards to well maintenance and well rehabilitation. Tom is AWWA certified pump installer and a certified pump installer for Large Water Systems (NGWA). He is factory trained and certified by Byron Jackson and Cla-Valve. Tom also holds a certificate with the Mine Safety and Health Administration (MSHA).

RICKY TRUJILLO, SENIOR PROJECT MANAGER

Professional History

1999 – 2009 – Layne – Operator
2009 – 2015 – Layne – Operations Manager (Southern California)
2015 – 2016 – General Pump Company – Project Manager (Camarillo)
2016 – 2024 – Layne – Account Manager III
2025 – Present – General Pump Company – Senior Project Manager

Professional Experience

Ricky brings over a decade of hands-on field experience combined with six years in operations and nine years in sales and project management within the water well industry. Their well-rounded background provides a unique perspective that bridges technical field expertise with operational efficiency and client-focused project execution. Beginning in the field, Ricky developed a strong foundation in pump systems, water well drilling, well rehabilitation, and water infrastructure troubleshooting. This practical knowledge laid the groundwork for their transition into operations, where they managed teams, coordinated logistics, and ensured compliance with safety and quality standards.

In recent years, Ricky has successfully led sales and project management efforts, overseeing a wide range of municipal and private-sector projects. Their ability to understand client needs, manage timelines, and deliver tailored solutions has made them a reliable partner for complex water well system work.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

SERGIO "ERNIE" MENDIVIL, PROJECT MANAGER

Certifications

1999- Certification of Completion in Basic Diesel Mechanics Technology
2005- Commercial Endorsement Class B License
2012- Grade D2 No. 52313 Drinking Water Distribution Operator

Professional Experience

General Pump Company, Inc. – Project Manager- 2025-Present
Legend Pump & Well, Inc.- Lead Installer/Foreman/Operations & Project Manager 2011-2025
SoCal Pump & Well Service – Driller/Pump Helper, Pump Installer/Operator 2003-2010

Professional Background

Sergio (Ernie) Mendivil has over 24 years of experience within the Well & Pump Industry and 20 years dedicated Field Experience with 5 years now in Operations & Project Management. Field experience includes Chemical Treatment & Complete Well rehabs, Deep Well/Booster Pump Removal/Installation, Inspections, Pump Diagnostics/Repair and Well Destruction. Office experience includes Project Management, Scheduling of crews and projects, Materials procurement, Day to Day Management of Shop Operations, Coordinating with Customers, Vendors, Operations Manager & Field Crews to ensure efficient project completion in a timely manner.

JEFF CORSE, ENVIRONMENTAL HEALTH & SAFETY (EHS) MANAGER

Academic Background

Columbia Southern University – Bachelor of Science in Occupational Safety and Health Fire Science minor

Certifications

Board of Certified Safety Professionals – Construction Health & Safety Technician (CHST)
Board of Certified Safety Professionals – Graduate Safety Practitioner (GSP)

Professional Experience

Over 15 years of experience in environmental health and safety. Started his career in oil and gas exploration supporting all areas of oil and gas from offshore drilling and production to refining. Prior to entering the water industry Jeff worked for large scale manufacturing and construction companies supporting their EHS departments from paper and pulp to heavy manufacturing operations.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

BRANDON PEPPER, OPERATIONS MANAGER

Professional History

2007 – General Pump Company –Field Tech III, Field Tech II
2008 – General Pump Company – Crane Certified
2015 – General Pump Company – Field Forman, 40T Crane
2024 – General Pump Company, Operations Manager

Professional Experience

Brandon has delivered over a decade of progressive hands-on field experience, advancing from entry-level operations to leadership roles in the heavy equipment and field services industry. Starting as a shop pump technician, he quickly developed a strong foundation in field operations, progressing to Field Technician III and Field Technician II. Along the way, he became crane-certified and excelled as a Field Foreman, operating and managing 40-ton crane operations.

This technical expertise provided a solid platform for advancement into field operations management, where Brandon now oversees team performance, project execution, and operational efficiency. Recognized for innovative problem-solving, Brandon earned The John Lincoin award for addressing complex field challenges and optimizing workflows. Brandon's career reflects a unique blend of hands-on technical skill, safety-focused leadership, and strategic operational management.

PAUL RINEHART, APPLICATIONS ENGINEER

Professional Experience

Over 30 years of experience in the well and pump industry. Experience includes working in the shop, field, and office, performing pump removals, installations, inspections, conducting pump repairs, material acquisition as well as designing well and booster pumps. Coordinating with customers, vendors, operations manager, and field crews to ensure project completion in a timely manner.

WORK PLAN

General Pump Company, Inc. (GPC) is a professional well redevelopment and pump equipment contractor with locations in San Dimas, Camarillo and San Bernardino, California. The engineering staff, field support and service crews, and office support staff are 100% dedicated to well evaluation and rehabilitation, and pump equipment evaluation and services.

GPC will perform the majority of the work except for the CITM Survey that will be performed by Pacific Surveys and the Downhole Camera Video Survey of the wells that will be performed by Advanced Downhole, both companies that we will subcontract have vast experience and successful trajectory.

Task 1 Mobilization, Demobilization and Site Cleanup – During the whole project

Task 2 Preliminary Testing – 1 Day

Task 3 Permanent Pumping Equipment Removal, Inspection, Repair and Installation – 4 Days to pull pumping equipment, 4 days to pressure wash & inspect the pumping equipment, 10-20 days to repair the pumping equipment depending on findings and furnishing of parts, 5 days to install the pumping equipment.

Task 4 Downhole Video Camera Surveys – 3 Days for first video survey after the removal of the pumping equipment (2 Days to introduce water for clear video & 1 Day to perform video), 3 Days for the second video following the mechanical and chemical cleaning, 3 Days following completion of work within the well.

Task 5 CITM Surveys – 3 Days (It will be performed the same day the Downhole Video Camera Survey is taken, following the pumping equipment removal and introduction of a constant stream of potable water into the well)

Task 6 Mechanical Cleaning – 2 Days

Task 7 Chemical Cleaning – 4 Days

Task 8 Initial Development by Focused Intake Pumping and Swabbing – 4 Days

Task 9 Initial Development by Airlifting and Swabbing – 3 Days

WORK PLAN

Task 10 Install Test Pump for Well Development and Testing – 5 Days to install, 4 Days to pull the pumping equipment

Task 11 Final Well Development – 2 Days

Task 12 Well Testing – 5 Days

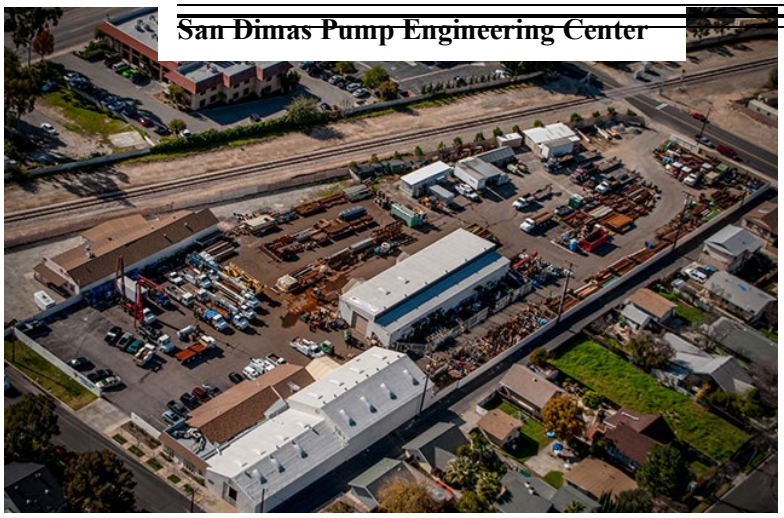
Task 13 Well Disinfection – 2 Days

Total working Days = 55 Days

GPC has the equipment and manpower to successfully work 2 rigs simultaneously and complete both well rehabilitations per your time frame requirement.

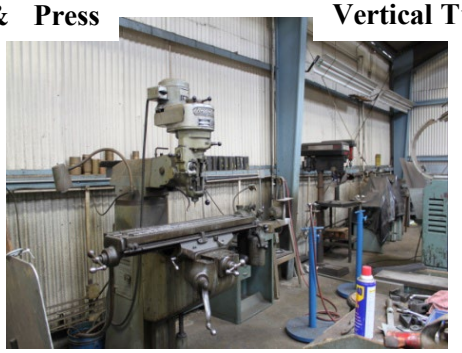
UNIQUE QUALITIES AND QUALIFICATIONS

San Dimas Pump Engineering Center

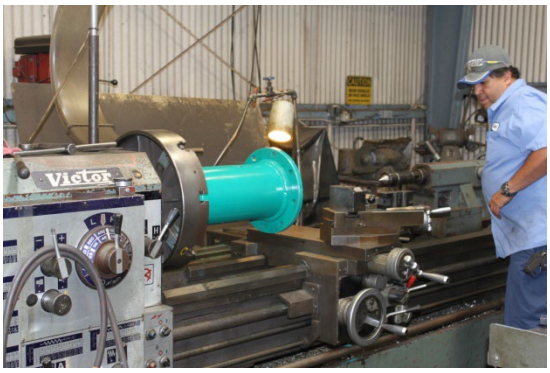


Camarillo Pump Engineering Center

Drill & Press



Vertical Turret Lathe Machine



General Pump manufactures most of our parts, which reduces cost, saves time, and improves quality.

A 60-year collection of spare parts. If one pump is obsolete, there is a good chance we can find what we need or make it. Customer's equipment is temporarily stored for your inspection.

UNIQUE QUALITIES AND QUALIFICATIONS

We repair your shafts with special pneumatic tools.

A staff of five maintains our rigs and equipment to make sure our equipment is safe and reliable.

AirBurst® Equipment - A "Patented Process"

GPC is the only Southern California Pump Service Company to own and operate a CNC machine. Why? Higher quality parts, faster, and at a lower cost.

Welding & Fabrication Shop

Our "primary" pipe fitter/welder is a certified welder with over 30 years experience.

UNIQUE QUALITIES AND QUALIFICATIONS

Steam Cleaning

Sandblaster

375 Compressor

500HP Diesel Engine

Spare / Rental VFD Units Up to 600HP

30-Ton Crane

Service Truck

UNIQUE QUALITIES AND QUALIFICATIONS

40 Ton-Crane

Welding Truck

Our newest addition to our fleet in 2023

Our 40-ton Grove

REFERENCES

Because of **General Pump Company's** long history in Southern California (over 70 years), we have selected seven (7) cities as references. As we described above in our proposal, **General Pump Company, Inc.** has been selected by 45 cities in Southern California to maintain their well and pumping systems. Upon your request, we can submit additional agencies or additional information on other annual contracts.

Agency	Contact Name	Contact Number	Duration
City of Arcadia	Tiffany Lee	626.254.2721	2003 – Present
City of Pasadena	Michele Carina	626.744.7012	1982 – Present
City of Orange	Sonny Tran	714.288.2497	1997 – Present
City of Santa Monica	Eric Jensen	424.508.2876	1979 – Present
City of Westminster	Roberto Anaya	714.822.5461	1995 – Present
City of Glendora	Ron Nichka	626.852.4866	2002 – Present
City of Huntington Beach	Chris Ramirez	714.720.7224	2000 - Present

S.A. CAMP
Pump & Drilling Company

PROVIDING QUALITY SERVICE, SINCE 1954

PROPOSAL FOR THE

PALMDALE WATER DISTRICT
WELL 2 AND 3 REHABILITATION PROJECT

OPERATING 24 HOURS A DAY, 7 DAYS A WEEK
661.399.2976
17876 ZERKER ROAD, BAKERSFIELD CA 93308
WWW.SACAMPCOMPANIES.COM

TABLE OF CONTENTS

LETTER OF INTRODUCTION

S.A. Camp, a family-owned company with more than 70 years of experience, has achieved success through strong client relationships and the dedication and expertise of the S.A. Camp team. With a strong focus on drilling, pumping, **pumping efficiency**, and electrical, instrumentation, and controls work, we take pride in constructing excellent facilities and look forward to working with Palmdale Water District.

In 2025, S.A. Camp completed the **rehabilitation of over forty-two wells**, all while maintaining normal drilling/equipping operations.

We understand the unique challenges that water utilities face, and the need for responsive and reliable service. **S.A. Camp is committed to completing the rehabilitation of Wells 2 and 3 by July 10, 2026**, if not earlier.

With an extensive fleet, dedicated in-house mechanics, and a large shop that procures and store materials and equipment, S.A. Camp has streamlined the project completion process. We have invested in tools that allow us to construct, maintain, and rehabilitate pumping facilities to increase the **efficiency and reliability** of pumping and production operations.

S.A. Camp has developed a project management approach that automates and simplifies construction management and administration tasks and coordinates onsite construction activities. We are looking forward to communicating and coordinating with

the PWD Maintenance Department to ensure the successful rehabilitation of Wells 2 and 3—enabling PWD to meet peak demand.

S.A. Camp meets the requirements of the proposal and agrees to comply with and be bound by the terms and conditions of the District's Services Agreement **without exception or requested modification**.

PROFILE OF S.A. CAMP

The S.A. Camp team is comprised of **over 100 employees**, each specifically trained to provide excellent service in their positions. S.A. Camp has capacity and resources available to start work as soon as PWD is ready to start work. Please see the table below for company organizational structure and additional details.

S.A CAMP COMPANY DETAILS	
PWCR:	1000011986
State Contractor's License No.:	346951
Active Licenses/Qualifications:	Class A – General Engineering
	C10 - Electrical
	C57 – Well Drilling Contractor
	C-61 / D-21 Limited Specialty for Machinery and Pumps

ORGANIZATIONAL STRUCTURE			
Position	**Name**	**Phone**	**Email**
General Manager	Joey Skracic	661-448-5805	Joey@sacamp.net
Lead Sales Engineer	Don Pedersen	661-747-2060	Donp@sacamp.net
Sales Engineer	Zach Tanner	661-330-3974	Ztanner@sacamp.net
Project Manager	Steven Cavazos	661-995-7821	Steven@sacamp.net
Office Manager	Mercedes Owens	661-699-4442	Mowens@sacamp.net
Billing Supervisor	Joy Ricketts	661-525-2555	Joyr@sacamp.net

The S.A. Camp team is comprised of office and field staff. With **daily internal coordination meetings**, our field and office staff operate seamlessly. The shared responsibilities between staff results in **detailed and efficient communication**

practices that are especially effective on projects with stringent reporting and documentation requirements.
Project managers have daily meetings and provide updates on project statuses, providing **internal redundancy** with information and coordinating construction activities/procurement within the company.

For all assignments, S.A. Camp prepares daily reports on project statuses that are circulated automatically to field and office staff, for easy coordination of activities. **Daily reports are prepared detailing field work progress, and can be sent externally to the client, at the client's request**. S.A. Camp's project management practice includes regular progress update meetings, to provide status updates to clients. The frequency of these meetings is dictated by the client and will be accommodated by S.A. Camp. Development of detailed meeting agendas and minutes are standard practice.

Submittals, schedules, lead time and procurement documentation, inspection reports, construction photos, invoices, RFI's, change orders, test reports, operations and maintenance manuals, record documentation, and as-left setting documentation are all compiled digitally in construction management software.

Please see the Project Team Experience and Availability section for additional details on the staffing plan we have prepared for PWD.

CLAIMS HISTORY

There are no claims, demands for arbitration, and/or lawsuits filed against S.A. Camp.

QUALIFICATIONS OF S. A. CAMP

With **over 70 years** in the water resources industry, S.A. Camp is focused on providing excellent operations, maintenance, and construction support for water resources facilities. S.A. Camp has exceptional employee retention—**all field construction supervisors and leads have over 20 years of experience (each!) in the industry**. The high level of industry knowledge, employee retention, and sheer quantity of projects completed over the last 70-years has culminated in a vast portfolio of best construction practices for water resources projects.

S.A. Camp's three core service areas are:

- Well Drilling, Rehabilitation, and Abandonment
- Pumping Systems and Pipelines
- Electrical, Instrumentation, and Controls

In 2025, S.A. Camp completed the **rehabilitation of over forty-two wells,** all while excelling in our other areas of service. We have developed excellent relationships with subcontractors and believe that strong partnerships are imperative to successful project completion. Our network and resources allow us to meet the most unique project needs and develop creative solutions to complex problems.

Maintaining excellent relationships with vendors allows us to **procure equipment and materials with ease**, and for common equipment and materials, we stock them in our warehouses. During **rehabilitations**, our **extensive inventory** allows us to reduce procurement times and respond quickly to reduce downtime The extensive in-house inventory management system and **dedicated inventory specialist** are part of S.A. Camp's practice to register and track serialized equipment. Any manufacturer issues during and post construction are tracked and all warranty claims are monitored.

SCHEDULING

S.A. Camp takes a **proactive approach to project scheduling**. At the beginning of each project, we develop a comprehensive construction schedule that identifies all phases of work, key milestones, resource requirements, and critical path activities. This **schedule also includes lead times for long lead time items**, to allow for easy projection of construction schedule delays due to extended manufacturer lead times. Schedules are prepared in a Gant chart format and are **updated daily** by the S.A. Camp team.

COOPERATIVE COORDINATION

The S.A. Camp team conducts daily and weekly project review meetings to facilitate easy coordination between crews and resources. To further support project success, **S.A. Camp provides 24/7 availability via both phone and email** ensuring immediate communication and rapid response to any operation, logistical, or technical issues that may arise in the field. Meetings with external manufacturers, vendors, and subcontractors take place every week.

Coordination with external parties such as utilities, inspectors, and permitting authorities is carefully **planned and marked as a key milestone** within the project schedule.

PROJECT COMPLETION

S.A. Camp has the staffing, equipment, and project controls in place to **complete the rehabilitation of Wells 2 and 3 by July 10, 2025, or earlier**. **Our ability to perform multiple work streams simultaneously allows us to maintain aggressive**

schedules without compromising quality, safety, or compliance. Through detailed internal scheduling and proactive project management, S.A. Camp consistently meets agreed-upon completion dates.

Factors outside our control such as equipment lead times, utility coordination, and weather are identified early and communicated promptly so risks can be managed before they impact the schedule. When needed, we present alternative equipment, materials, or sequence to keep the project on track. S.A. Camp is recognized for clear communication and on-time project delivery, making us a **reliable partner for time-sensitive well rehabilitation projects**.

PERTINENT PROJECT EXPERIENCE

In 2025, S.A. Camp completed the **rehabilitation of over 42 wells and saw an average well production increase of approximately 15%**. S.A. Camp was the prime contractor for the projects detailed below and is **responsible for 100% of the work** and **adhered to the contractual schedule and budget for each project**.

Additional project references can be provided, upon request.

PROJECT DESCRIPTION			
PROJECT NAME:	WELL REMOVAL, ABANDONMENT, AND REPAIR		
CONTRACT VALUE:	$		238,476.17
PROJECT START DATE:	Jun-23	**PROJECT END DATE:**	May-25
PROJECT OWNER CONTACT:		KERN COUNTY SHERIFF DEPARTMENT	
PROJECT OWNER ADDRESS:		1350 NORRIS ROAD, BAKERSFIELD, CA	
PROJECT OWNER PHONE NUMBER:		661-391-7500	
SCOPE OF WORK:			
ONGOING OPERATIONS AND MAINTENANCE WORK TO REPAIR WELL, INCLUDING PROCUREMENT AND REPLACEMENT OF OIL RESERVOIR AND DRPPER, LUBE SHAFT AND BEARINGS. REMOVAL OF DEEP WELL TURBINE AND INSPECTION, VIDEO SURVEY OF THE WELL, PROCUREMENT AND INSTALLATION OF 11 STAGE PUMP BOWL ASSEMBLY AND PERFORMANCE TEST, PERFORMANCE OF PUMP TEST. ABANDONMENT OF WELL AND PREPARATION AND SUBMISSION OF KERN COUNTY ENVIRONMENTAL HEALTH DEPARTMENT PERMIT, BREAK OUT OF EXISTING FOUNDATION AND SEAL WELL.			
S.A. CAMP KEY PERSONNEL:			
PROJECT MANAGER:	*DON PEDERSON*		
PUMP LEAD:	*PEDRO GONZALEZ*		
ELECTRICAL, INSTRUMENTATION, CONTROLS LEAD:	*MICHAEL CHAVEZ*		
PROJECT ADMINISTRATOR:	*JOY RICKETTS*		

PROJECT DESCRIPTION			
PROJECT NAME:	BUENA VISTA AQUATIC RECREATION AREA WATER WELLS PROJECT		
CONTRACT VALUE:	$		4,739,488.00
PROJECT START DATE:	LATE 2024	**PROJECT END DATE:**	IN PROGRESS
PROJECT OWNER CONTACT:		COUNTY OF KERN GENERAL SERVICES	
PROJECT OWNER ADDRESS:		1115 TRUXTON AVENUE, BAKERSFIELD CA	
PROJECT OWNER PHONE NUMBER:		661-868-3000	
SCOPE OF WORK:			
REHABILITATION OF SIX EXISTING WELLS, AND DRILLING OF TWO NEW WELLS. CONSTRUCTION OF NEW FENCING AND GATES. SCOPE OF WORK INCLUDES CALIBRATION AND COMMISSIONING OF WELLS.			
WELL DRILLING DETAILS:			
DRILLING OF NEW WELLS THAT ARE APPX. 1,005 FT DEEP AND ARE CONSTRUCTED OF STEEL PUMP COLUMN WITH VERTICAL TURBINE STYLE PUMPS AND MOTORS. REHABILITATION OF FOUR EXISTING WELLS. WELL DISCHARGE INCLUDES COMBINATION AIR VALVES, PRESSURE GAGE AND SWITCH, CHECK VALVE, MAGNETIC FLOWMETER, AIR AND VACCUM VALVING.			
PUMP DETAILS:			
REPLACEMENT OF VERTICAL TURBINE PUMP AT TWO EXISTING WELL SITES. PROVISION AND CONSTRUCTION OF TEMPORARY DISCHARGE PIPING FOR WELL DEVELOPMENT AND TESTING, WITH A RATED CAPACITY OF 2,500 GPM, AND AN IN-LINE METER.			
ELECTRICAL/INSTRUMENTATION/CONTROL DETAILS:			
REPLACEMENT OF ELECTRICAL AND CONTROL PANEL FOR THREE EXISTING WELL SITES, REPLACEMENT OF MOTORS FOR TWO EXISTING WELL SITES. PROCUREMENT AND INSTALLATION OF FLOWMETERS. PROCUREMENT AND INSTALLATION OF NEW SWITCHBOARD WITH A NEW PG&E SERVICE, MOTOR STARTERS, PORTABLE GENERATOR CONNECTION, STEP-DOWN TRANSFORMER, PANELBOARD, AND CONTROL PANEL WITH PILOT CONTROLS. DETAILED INSTRUMENTATION AND ELECTRICAL TESTING COMPLETED AS PART OF THE SCOPE OF WORK.			
S.A. CAMP KEY PERSONNEL:			
PROJECT MANAGER:	*ZACHARY TANNER*		
WELL DRILLING LEAD:	*DON PEDERSON*		
PUMP LEAD:	*PEDRO GONZALEZ*		
ELECTRICAL, INSTRUMENTATION, CONTROLS LEAD:	*MICHAEL CHAVEZ*		
PROJECT ADMINISTRATOR:	*ALYSSA CAVAZOS*		

LIST OF SUBCONTRACTORS AND QUALIFICATIONS

SUBCONTRACTOR:	
Subcontractor Name: Well Rehabilitation Services	**Subcontractor Address:** 230 S. Beech Avenue, Shafter, CA 93263
Subcontractor Phone Number: 661-587-0914	
Subcontractor Email: shelley@wellrehabservices.com	

CA Contractors License: 983846 (Issued 5/21/2013)	
DIR: 1000044959	
Description of Work: *Full rehabilitation of water wells including downhole video inspections, well rehab, chemicals, well abandonments, casing reline, well repair (swaging), air shot, fishing, jacking.*	
Subcontractor's Key Personnel Involved (Name and Relevant Experience):	
Project Manager:	Shelley Shearer
Well Drilling Lead:	Jesse Mize
Pump Lead:	Kellie Saia

SUBCONTRACTOR:	
Subcontractor Name: Pacific Surveys, LLC	**Subcontractor Address:** 1785 W. Arrow Route D Suites 3&4, Upland, CA 91786
Subcontractor Phone Number: 909-625-6262	
Subcontractor Email: mridder@pacificsurveys.com	
DIR: 1000014306	
Description of Work: *Pacific Surveys, LLC started to offer wireline logging services for the groundwater community in 1999. The principal of Pacific Surveys, Michael C. Ridder, has over 40 years of experience in geophysical well logging. The groundwater industry within California and surrounding states, relies on accurate and innovative means in acquiring data for groundwater exploration, well design and environmental mitigation of contaminated aquifers. Pacific Surveys has been offering these means by a diverse array of down-hole sensors from the leading manufacturers the world over. Pacific Surveys field engineers are highly trained professionals with years of experience, bringing to the well site an expertise unmatched in the groundwater industry of today. With continuous education in new borehole techniques, and safe practices in delivering those techniques, our clients can be assured of receiving the best service possible.*	

Subcontractor's Key Personnel Involved (Name and Relevant Experience):	
Project Manager:	Michael Ridder

PROJECT UNDERSTANDING

S.A. Camp Pump & Drilling, Inc. understands that the Palmdale Water District is seeking a qualified and experienced contractor to rehabilitate Well No. 2 and Well No. 3 in order to restore well performance, extend service life, and support reliable groundwater production. The **scope** includes removal and evaluation of permanent pumping equipment, downhole video and casing inspection thickness measurement surveys, mechanical and chemical cleaning, well redevelopment, aquifer testing, disinfection, and final reinstallation of pumping equipment.

Similar to Wells 2 and 3, many of the S.A. Camp existing clients have wells that were **drilled in the 1960's** and require rehabilitation to enhance production. **Decreased well production levels often initiate rehabilitation work**—the S.A. Camp team has specific expertise evaluating causes of lost production. As detailed in the **Well Rehabilitation Prioritization Plan**, S.A. Camp will **evaluate the pumping rates and specific capacity** of each well, along with condition of the casing and well screen, as the louvred well screen for Well 2 has historically been observed to be clogged and obscured.

This scope of work is similar in nature to well rehabilitation projects S.A. Camp has successfully completed for municipal agencies and water districts throughout Kern County. S.A. Camp has worked on wells that have had **low flow production**, and wells that have had **significant vibration issues**. Similar to Wells 2 and 3, S.A. Camp has rehabilitated wells that are between **drilled to a depth of 900 ft** and average production of that ranges from **1300 gpm to 2100 gpm**. A majority of the wells S.A. Camp drills and rehabilitates are **vertical turbine lineshaft style**, and are equipped with motors that are on average between **50 HP – 500 HP**.

These projects involved comparable well depths, casing diameters, mechanical and chemical rehabilitation methods, and regulatory requirements. Our familiarity with these projects allows our team to **anticipate typical field conditions**, sequence work efficiently, and apply **proven rehabilitation practices** that align with PWD's expectations.

S.A. Camp's field and management teams are experienced in performing well rehabilitation work in compliance with California Department of Water Resources Well Standards (Bulletin 74 series), AWWA standards, and applicable federal, state, and local regulations. **Our crews routinely execute work requiring detailed documentation**, downhole inspections, water quality monitoring, and controlled chemical treatment programs.

We understand the importance of coordination, communication, and documentation throughout the rehabilitation process. S.A. Camp maintains **24/7 phone availability and responsive email communication** to support District staff, address field conditions promptly, and ensure work progresses in an orderly and controlled manner. Our experience with similar municipal well rehabilitation projects allows us to approach this work with a clear understanding of technical requirements, safety expectations, and operational constraints.

PROJECT TEAM EXPERIENCE AND AVAILABILITY

S.A. Camp has prepared a team of dedicated and experienced staff to support PWD.

PROJECT MANAGEMENT

- **Don Pederson, Lead Sales Engineer and Head of the Drilling Division** - With over 29 years of experience in the water resources industry, Don is the head of S.A. Camp's Drilling Division and the Lead Sales Engineer. Don has a wealth of experience related to well drilling, rehabilitation, and abandonment. Please see the attached resume for additional details.
- **Steven Cavazos, Project Manager and Sales Engineer** – With a background in operations and maintenance, Steven understands the unique challenges associated with public infrastructure design, construction, and operations/maintenance. Please see the attached resume for additional details.

PROJECT FOREMAN AND LEADS

- **Pedro Gonzales, Shop Superintendent** – Pedro brings 18 years of expertise in water well maintenance and pump repair. Having served in various capacities—including laborer, machinist, pump installer, and troubleshooter—he now leads as the S.A. Camp shop superintendent. Please see the attached resume for additional details.
- **Michael Chavez, Electrical Lead** - With over 21 years of experience in water well maintenance and pump repair, Michael is the lead foreman for electrical division. Please see the attached resume for additional details.

CONSTRUCTION STAFFING

S.A. Camp employs a skilled and experienced team of over 60 field crew that are qualified and trained to perform work on wells, pump installations, and electrical, instrumentation, and controls installations. The S.A. Camp field team typically includes:

- **Drillers and Driller Helpers** – With an average of 10+ years of experience in well drilling and development.
- **Pump Technicians** – Experienced in the installation and servicing of submersible, vertical turbine, and centrifugal pumps.

- **Field Supervisors/Foremen** – Hands-on leadership with managing crews, coordinating field activities, ensuring compliance with project specifications, and maintaining safety on-site.
- **Laborers** – Trained in equipment handling, rig setup, site prep, and general field assistance.

Our personnel are certified in OSHA safety standards, confined space entry (as required), and equipment operation.

ADMINISTRATORS

Our administrative staff is composed of over 20 full-time personnel, each bringing a strong background in project management, administration, procurement, and customer service. The following is a summary of our key administrative staff.

- **Joey Skracic, General Manager** – As a proud member of the S.A. Camp family, Joey is passionate about continuing the family legacy to provide clients with excellent service. Joey's background in project and program management for public and private clients, and knowledge of regulatory and permitting requirements allows for streamlining of projects that exceed client expectations. Communication, coordination, and continuous improvement are tenants of Joey's leadership philosophy that define the culture at S.A. Camp.
- **Joy Ricketts, Office Administrator and Labor Compliance Specialist** - Joy has been a devoted employee for the past 42 years. She works closely with our Sales Engineers to process quotes and bid documents and is the in-house labor and compliance specialist. Joy also **manages serialized inventory** and ensures each piece of equipment is registered, and **warranty claims are tracked**.
- **Mercedes Owens, Office Manager -** Mercedes has over 13 years of experience in administration, documentation, payroll, and inventory management. She oversees workforce and labor law compliance, ensuring all employees have the necessary certifications and training to

meet OSHA and EEOC standards. Mercedes also submits certified payroll information for various municipal and state projects using LCP Tracker.

- **Alyssa Cavazos, Project Administrator –** With a background in construction administration for public and private projects, Alyssa provides project administration support for public projects and assists Project Managers with construction administration tasks.

WORK PLAN

S.A. Camp Pump & Drilling, Inc. will act as the **prime contractor** and will be responsible for planning, scheduling, and executing all well rehabilitation activities in coordination with Palmdale Water District (PWD). S.A. Camp will manage site logistics, safety compliance, quality control, documentation, and communication, while coordinating specialized subcontractor services to **ensure work is completed efficiently** and in accordance with PWD requirements.

Work will be performed on one well at a time unless otherwise directed by PWD. Prior to mobilization, S.A. Camp will submit required schedules, safety plans, and coordination documents. Once work begins, **activities will proceed continuously to avoid unnecessary downtime**. Field supervision will be maintained at all times, and daily logs, survey data, and testing records will be provided as required.

S.A. Camp will self-perform mobilization, site control, removal and reinstallation of permanent pumping equipment, well development, aquifer testing, disinfection, discharge management, and final closeout. **S.A. Camp maintains 24/7 phone availability and responsive email communication for coordination and issue resolution.**

WORK PLAN - SUBCONTRACTORS

Well Rehab (subcontractor) will perform specialized rehabilitation services under the direction of S.A. Camp, including mechanical brushing, airlifting, chemical treatment, and downhole video surveys. All chemical treatment durations and methods will be

adjusted as necessary based on downhole conditions, water quality response, and the effectiveness of each treatment phase.

Pacific Surveys (subcontractor) will perform the Casing Inspection Thickness Measurement (CITM) surveys for Wells 2 and 3. Pacific Surveys will provide calibrated logging equipment, experienced operators, and complete electronic survey logs and interpretation packages. S.A. Camp will coordinate scheduling, site access, and support services to integrate the CITM surveys efficiently into the overall rehabilitation sequence.

TIMETABLE

Mobilization and site setup are anticipated to require approximately 2 to 4 days. Pump removal and inspection will require approximately **4 days,** followed by downhole video and CITM surveys completed within approximately **4 days**. Mechanical brushing and airlifting are anticipated to take **4 to 8 days**, followed by chemical treatment and neutralization over **2 to 4 days**. Well development and aquifer testing will require approximately **3 to 7 days**. Final disinfection, pump reinstallation, and demobilization will require approximately **6 days**.

The anticipated total duration per well is approximately 28 to 42 calendar days. Final project duration is dependent on the findings of the pump inspections, observed downhole conditions, and the effectiveness and required duration of chemical treatment and redevelopment activities. **Based on this schedule, S.A. Camp anticipates completing rehabilitation of both wells within the District's July 10 timeframe**, subject to field conditions and District direction.

EQUIPMENT / MATERIAL SOURCE INFORMATION

S.A. Camp will perform a condition assessment to evaluate the current state of the pump, motor, discharge head, column pipe, line shaft, impellers, bearings, seals, clearances, drop pipe, and ancillary equipment. Because it is not yet known what will need to be replaced (confirmation of equipment to be replaced will follow the review of the condition assessment), the equipment listed below details general component lead

times for wells of similar construction.

S.A. Camp maintains excellent supplier and manufacturer relationships with the following motor manufacturer: U.S. Motors; and the following pump manufacturers: National Pump Company, Peerless Pump, Goulds Pumps, Floway Pumps, Flowise Pump Company, and Flowserve. S.A. Camp will coordinate as soon as possible on lead times if any of these specific items require replacement (pumps and motors typically have the longest lead times).

All equipment required to perform testing, including but not limited to Imhoff cones, water quality meters, swabbing tools, chemical treatment, vertical turbine test pump, motor, temporary conveyance discharge piping, and brushing tools are kept in stock at S.A. Camp and are readily available; procurement is not needed.

UNIQUE QUALITIES AND QUALIFICATIONS

We understand the importance of developing partnerships and relationships that stand the test of time—S.A. Camp's legacy and history in water resources is due to the commitment to being competent, **reliable, and resourceful project partners.**

S.A. Camp carries four contractor's licenses—Class A General Engineering, C10 Electrical, C57 Well Drilling, and C-61/D-21 Limited Specialty for Machinery and Pumps.

S.A. Camp owns and maintains a full inventory of specialized equipment essential for water resources projects. Access to this inventory and equipment is critical to providing timely support for rehabilitation projects, as rehabilitation projects require timely responses and resource allocation to minimize downtime.

Equipment/materials are available for immediate deployment, enabling quick project starts and efficient schedule management.

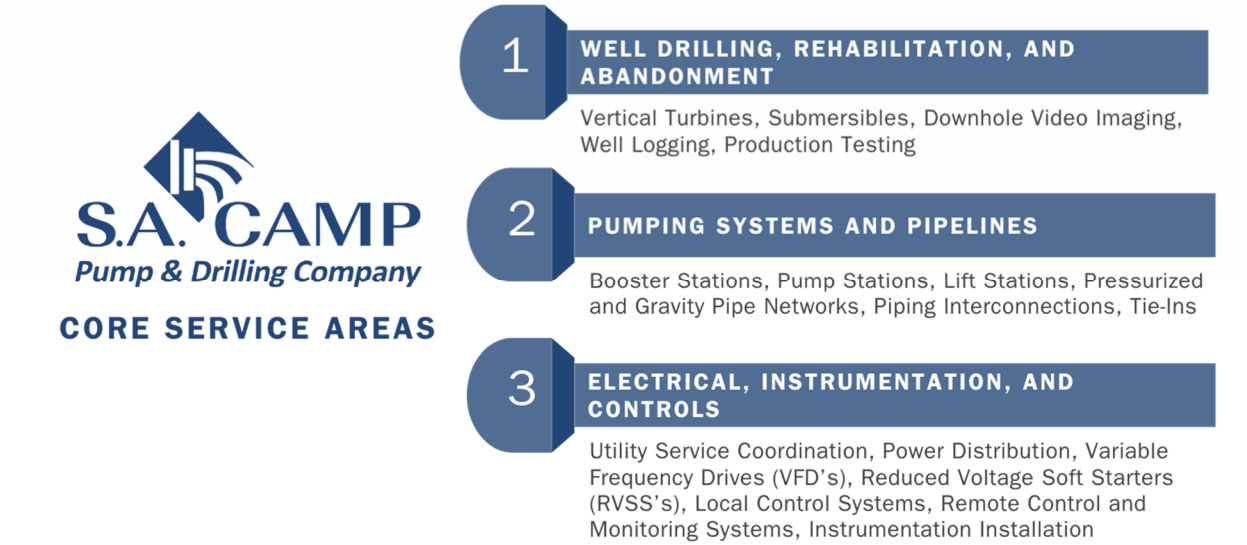
Please see the table below for details on the S.A. Camp equipment/fleet.

S.A CAMP'S RELEVANT EQUIPMENT			
Application	**Equipment Type**	**Description of Use**	**Quantity/ Details**
Well Drilling and Pump Repair Equipment	Drill Rigs	Deep Well Drilling Large Diameter (Up to 20") Casing	3
	Pump Pulling Units	Pulling and installing deep set submersible and turbine pumps	8
	Air Compressors	Well Development and Cleaning	5
	Test Pump, Meter, and Engine	Pump flow rate measurement, and drawdown monitoring	3
	Hydrocranes	19 tons – 30 tons	7
	Test Engines	Test flowrate of new and existing wells	Up to 1000 HP
Electrical, Instrumentation, and Controls Equipment	Multimeters	Electrical Testing and Installation	10
	Underground Utility Locators		2
	Circuit Tracers		8
Service Equipment	Flatbeds	Equipment and material transportation	5
	Backhoes		8
	Semitrucks		3
	Service Trucks		6
	Trailers		10
	Welding Equipment		2 Trucks
	Cranes	Trucks equipped with cranes	7
	Submersible Response Truck	Domestic Pump Pulling	1

All equipment is regularly inspected, serviced, and maintained to manufacturer standards to ensure peak performance and job site reliability. S.A. Camp has two full-time fleet pool mechanics that do regular maintenance and repairs on all equipment—they are dedicated solely to maintaining S.A. Camp equipment.

S.A. Camp trains crews in safety and operational standards to ensure safe, professional field practices. S.A. Camp's investment in equipment, fleet, and mechanics sets them apart and guarantees prompt, high-quality service.

Our three core service areas are detailed below. Although this is our primary focus, we provide support for general construction scopes (fencing, security, grading, concrete, small structures, etc.) to ensure each project is executed to the client's specifications.



We understand that trust, communication, and competency are critical to success, and have set up our internal processes to ensure these elements are integrated into every assignment. From the efforts we make internally to automate processes and provide clients with up-to-date and accurate information, to the resources we allocate to ensure every piece of material is tracked and registered—S.A. Camp will always put the client's needs first.

REFERENCES

Please see the table below for reference contact information. Additional references can be provided upon request.

REFERENCES			
Company/ Organization	**Name**	**Phone**	**Email**
County of Kern General Services	Art Chianello	661-549-6313	Chianelloa@kerncounty.com
Kern Tulare Water District	Vanessa Yap	661-556-7447	vanessa@kern-tulare.com
North Kern Water Storage District	Ram Vankatesan	661-302-3530	ram@northkernwsd.com
Buena Vista Water Storage District	Tim Ashlock	661-979-6182	tim@bvh20.com

S.A. Camp has worked with the clients above for years, and has developed strong working relationships. **Projects completed with these clients were completed per the contract schedule and budget**. **Change orders on these projects were limited**, and were **discussed with the Client in detail** to ensure the change order would result in the **best possible outcome for the client**.

ACCEPTANCE OF THE DISTRICT'S SERVICES AGREEMENT

S.A. Camp hereby **acknowledges receipt of and accepts** the Palmdale Water District's Services Agreement as referenced in Section IV.J of the solicitation. S.A. Camp agrees to comply with and be bound by the terms and conditions of the District's Services Agreement **without exception or requested modification**.

ATTACHMENTS – KEY STAFF RESUMES

Please see the attached resumes.

ATTACHMENTS – EQUIPMENT/MATERIAL SOURCE INFORMATION

Please see the attached equipment/material source form.

STEVEN CAVAZOS

PROJECT MANAGER AND SALES ENGINEER

CONTACT

STEVEN@SACAMP.NET

EDUCATION

DEEP WELL VERTICAL TURBINE
Factory School, Xylem

TECHNICAL SKILLS

- Project Management
  - Scheduling
  - Budgeting
  - Click-Up Project Management Software
- Construction Management
- Site Inspections
- Logistics
  - Materials
  - Construction Coordination
- Microsoft Office Suite
- Sharepoint

SOFT SKILLS

- Client Coordination
- Effective Communication
- Proactive Problem Solving

PROFILE

Results-driven Project Manager with a strong focus on providing exceptional project management for municipal clients. With a background in industrial operations and maintenance, Steven works to manage the scope, schedule, and budget of a project while keeping practical operations and maintenance top of mind. Reliability, communication, and building trust are three core tenants of Steven's project management philosophy.

AREAS OF EXPERTISE

MUNICIPAL PROJECT MANAGEMENT

Manages overall project schedule, scope, and budget. Oversees client communications and crew/materials logistics.
Prepares:

- Client Meeting Agenda/Minutes
- Detailed Project Schedules
  - Daily, internal updates and coordination with S.A. Camp crews
  - Daily, internal updates to coordinate materials logistics and lead times
- Cost Estimates
- Submittal Preparation
- RFI Preparation
- Construction Coordination
  - S.A. Camp crew
  - Subconsultants
- Change Order Preparation
- Comprehensive construction status reports
- Client Site Walks
- Periodic Inspections
- Substantial and Final Completion
  - Punchlist Management
- As-Built document preparation
- Closeout submittals/documentation

NOTABLE PROJECT

City of Lamont - Well Drilling and Equipping

Managed and coordinated drilling and equipping of three wells, including installation of pumps and motors. Managed client communications and contracting requirements, prepared detailed construction reports and As-Built documentation detailing bowl settings, pump efficiency and well production.

CONTACT

DONP@SACAMP.NET

DEGREES AND CERTIFICATIONS

CALIFORNIA STATE UNIVERSITY, BAKERSFIELD
B.A. SOCIOLOGY AND BUSINESS

RESOURCE DRILLING FUNDAMENTALS
FLEMING COLLEGE

PUMPING SYSTEMS & PIPELINE HYDRAULICS
CALIFORNIA POLYTECHNIC STATE UNIVERSITY, SAN LUIS OBISPO

PUMP SCHOOL
XYLEM/GOULDS PUMPS

TECHNICAL SKILLS

- Project Management
- Construction Management
- Well Drilling, Rehabilitation, and Abandonment
- Groundwater Modeling
- Well Design
- Pump Installation, Operation, and Maintenance
- Pipeline Design and Construction

SOFT SKILLS

- Reliable
- Efficient
- Steadfast commitment to successful projects and partnerships

DON PEDERSEN

LEAD SALES ENGINEER AND HEAD OF DRILLING DIVISION

PROFILE

With over 29 years of experience in the pumping and drilling industry, Don has developed expertise in pump system design, drilling operations, and customer relationship management. Don began his career with S.A. Camp as a salesman, focusing on cultivating long-term client partnerships and designing efficient pump, electrical, and pipeline systems. In 2009, Don's role expanded to include managing the drilling division, overseeing project planning, field operations, and team leadership. Don's work integrates technical knowledge, strategic sales, and operational management to deliver reliable water solutions for clients.

AREAS OF EXPERTISE

WELL DRILLING, REHABILITATION, AND ABANDONMENTS

Works with clients to define project scope, performs preliminary site walks, develops schedules, budgets, and cost estimates. Manages construction, performs periodic inspections, oversees testing, and prepares As-Built documentation.

Prepares:

- New well and well abandonment design documents
- Construction schedule and sequencing documents
- Inspection reports
  - Well drilling and production evaluation
  - Evaluation of soil and aggregate testing
  - Analysis of well logs, including analysis of core samples and cuttings
  - Well video inspection evaluation
- Permitting and Utility coordination
- Troubleshooting
  - Evaluation of existing systems to improve operations and efficiency
- Maintenance and emergency repair support

PIPELINE, PUMPING SYSTEMS, AND RESERVOIRS

Oversees design and construction of pipelines, pumping systems, and reservoirs.

Prepares:

- Discharge and intake piping design
- Pumping system design and operational setpoint recommendation
- Reservoir sizing and construction recommendation

NOTABLE PROJECTS

Buttonwillow Land & Cattle - Well Drilling and Equipping

Managed and coordinated construction of 900ft well with a vertical turbine style motor and pump. Managed installation of well and discharge piping, site power, and control equipment. Prepared detailed construction reports and As-Built documentation detailing bowl settings, pump efficiency and well production.

Shafter-Wasco Irrigation District - Spreading Grounds, Well Drilling, and Equipping

Managed and coordinated construction of drilling and equipping (2) 1000 ft deep wells, rehabilitated (1) 800 ft deep well, equipped all three wells with 300 - 400 HP motors, and drilled a monitoring well. Prepared detailed construction reports, and As-Built documentation.

MICHAEL CHAVEZ

ELECTRICAL LEAD

CONTACT

MCHAVEZ@SACAMP.NET

EDUCATION

VARIABLE FREQUENCY DRIVES
Schneider Classes

TECHNICAL SKILLS

- Electrical Installation
  - Switchboard Installation
  - Motor Installation and Replacement
    - 1 HP - 500 HP
  - Site Lighting
- Motor Controllers
  - Variable Frequency Drives
  - Reduced Voltage Soft Starters
  - Troubleshooting
- Utility Coordination
  - Service Extensions for PG&E and SCE
- Controls
  - Motor Controller Programming
    - Loop Controls - Pressure and Flow Setpoints
  - Instrumentation
    - Flowmeters
    - Pressure Instrumentation

PROFILE

With over 21-years of experience, Michael is an integral part of the S.A. Camp team and is the Electrical Lead. With a background in reservoir construction and heavy equipment operation, Michael has a wealth of experience in water infrastructure and specializes in electrical, instrumentation, and controls. From utility interconnection, to switchboard and motor controller installation, programming, and instrumentation calibration, Michael focuses on constructing systems that exceed client expectations and meet National and California Electrical Code requirements.

AREAS OF EXPERTISE

- **ELECTRICAL, INSTRUMENTATION, AND CONTROLS**

Utility Service Installation

- Coordination of transformer location, construction of utility conduits and metering provisions
- Preparation for Utility inspections including:
  - Working clearance considerations
  - Utility installation requirements
  - Grounding
  - Bonding
  - Verification of UL and NEMA ratings for equipment

Power Distribution

- Low-Voltage Switchboard and Motor Control Center Installation
- Power distribution (CB, fused) and panelboard installation (MLO, OCPD)
  - Adjustable, thermal magnetic, shunt trip, GFCI, AFCI
- Surge protection devices
- Lightning protection
- Grounding and bonding

Motor Controllers

- Across-the-line, variable frequency drives (VFD's), reduced voltage soft starters (RVSS)
- Programming to incorporate external instrumentation and controls
  - Adjusting ramp-up and ramp-down times
- Motor replacements and bearing replacements
  - Submersible and vertical lineshaft

Instrumentation and Controls

- Flowmeters, pressure switches and sensors, intrusion, level sensors

Communication

- Installation of radio and cellular communication devices

NOTABLE PROJECT

Buena Vista Water District - Bright Pump Station

Managed and constructed a booster station with four 150 HP booster pumps, intake pump screens, and variable frequency drives. Coordinated installation of new utility service, constructed utility extension from transformer to meter, installed motor control center with controls and instrumentation, and constructed site lighting and receptacles.

PEDRO GONZALEZ

SHOP SUPERINTENDENT

CONTACT

PGONZALEZ@SACAMP.NET

LICENSES AND CERTIFICATIONS

CRANE OPERATOR
CERTIFIED

CLASS A DRIVING
LICENSED IN CALIFORNIA

JOURNEYMAN ELECTRICAL LICENSE
IN PROGRESS

C-10 ELECTRICAL CONTRACTOR LICENSE
IN PROGRESS

TECHNICAL SKILLS

- Hydrocrane Operation
- Booster Pump and Well Maintenance
- Electrical Installations and Repairs
  - VFD's
  - RVSS's
  - Schneider
  - Square D
  - Danfoss
  - Yaskawa
- Temporary Pumping
  - Test pump installation
- Machinery
- Pump Installation and Repair
  - Oil Lubed
  - Water Lubed
  - Grease Packed

PROFILE

With over 18-years of experience, Pedro Gonzalez is the S.A. Camp shop superintendent and has a wealth of experience and knowledge related to water distribution equipment. Pedro started his work at S.A. Camp as a hydro crane operator and worked his way up to become a journeyman electrician, machinist supervisor, and shop superintendent. Pedro is an integral part of the S.A. Camp team and manages the fleet and general maintenance work.

AREAS OF EXPERTISE

PUMP INSTALLATION AND REPAIRS

Manages and directs the pump installation crew during construction work, to install and repair pipelines. Manages work schedules and equipment lead times/material procurement.

- Pump installation and repair
- Emergency repair coordination and equipment procurement
- Start-up and testing

ELECTRICAL INSTALLATION AND REPAIR

Manages and directs the construction of electrical work, including procurement and installation of power distribution equipment, motor controllers, and ancillary site receptacles and lights.

- Utility Service Interconnection
- Transformer Pad installation
- Motor Control Center construction
- Switchboard and Panelboard construction
- Conduit and cable construction
- Grounding
- Site Lighting

SHOP SUPERINTENDENT

Manages the S.A. Camp shop, including procurement of equipment and materials, determination of lead time, and coordination directly with client for emergency and special projects.

- Coordination of materials and crews for construction
- Evaluation of emergency projects for materials, equipment, and crew needs
- Construction coordination assistance related to procurement and lead times

INFORMATION REQUIRED OF BIDDER

EQUIPMENT/MATERIAL SOURCE INFORMATION

The bidder shall indicate opposite each item of equipment or material listed below, the name of the manufacturer and supplier of the equipment or material proposed to be furnished under the bid.

Failure to comply with this requirement will render the proposal informal and may cause its rejection.

Awarding of a contract under this bid will not imply approval by the Owner of the manufacturers or suppliers listed by the bidder. No substitution will be permitted after award of contract unless equipment or material of the listed manufacturer or supplier cannot meet the specifications.

Specification No.				Delivery Time (weeks)

S.A. Camp will perform a condition assessment to evaluate the current state of the pump, motor, discharge head, column pipe, line shaft, impellers, bearings, seals, clearances, drop pipe, and ancillary equipment. Because it is not yet known what will need to be replaced (confirmation of equipment to be replaced will follow the review of the condition assessment), the equipment listed below details general component lead times for wells of similar construction.

S.A. Camp maintains excellent supplier and manufacturer relationships with the following motor manufacturer: U.S. Motors; and the following pump manufacturers: National Pump Company, Peerless Pump, Goulds Pumps, Floway Pumps, Flowise Pump Company, and Flowserve. S.A. Camp will coordinate as soon as possible on lead times if any of these specific items require replacement (pumps and motors typically have the longest lead times).

All equipment required to perform testing, including but not limited to Imhoff cones, water quality meters, swabbing tools, chemical treatment, vertical turbine test pump, motor, temporary conveyance discharge piping, and brushing tools are kept in stock at S.A. Camp and are readily available; procurement is not needed.