



**REGULAR MEETING OF THE BOARD OF DIRECTORS
PICO WATER DISTRICT**

4843 S. Church Street
Pico Rivera, California, 90660

5:30 PM Wednesday, May 21, 2025

AGENDA

Any member of the public may attend this meeting in person or by accessing the Zoom link below. Any member of the public wishing to make any comments to the Board may do so through that Zoom link. The meeting Chair will acknowledge such individual(s) at the appropriate time in the meeting prior to making his or her comment. Members of the public wishing to make a comment are asked to state their name for the record and will be provided three (3) minutes to comment, the Board secretary will alert those commenting when they only have 30 seconds remaining. All members of the public will be disconnected from the Zoom link immediately before the Board of Directors adjourns into Closed Session.

Join Zoom Meeting

<https://us06web.zoom.us/j/9521779948?pwd=dGNxcXh3YitEc2NlVVdrUzVvNm4rZz09>

Join by Telephone: +1 669 900 6833

Meeting ID: 952 177 9948 Passcode: 421745

1. **ROLL CALL.**
2. **PLEDGE OF ALLEGIENCE.**
3. **INVOCATION.**

4. TIME RESERVED FOR PUBLIC COMMENTS.

*Members of the public shall be allowed three minutes to address the Board on any matter on the agenda and/or within the jurisdiction of the District, which is not on the Agenda. All comments should be addressed to the presiding officer of the meeting. Additional public comments shall be allowed when a listed agenda item is being considered, but such comments made at that time must be confined to the subject that is being discussed at the time such comments are made. Members of the public are asked to state their name for the record. Due to all Board Meetings being run as Zoom Meetings all participants will be placed on mute at the start of the meeting and when the meeting is open for public comment the participant will be asked to raise their hand through the button on the video conference screen if participating by video conference or by pressing *9 on their phone if participating by teleconference.*

5. ADOPTION OF AGENDA.

6. APPROVAL OF CONSENT CALENDAR.

(All matters on the Consent Calendar are to be approved on one motion, unless a Board Member requests a separate action on a specific item).

A. Consider approval of May 07, 2025 Regular Board Meeting Minutes.

7. ACTION/DISCUSSION ITEMS.

A. Consider Board Approval of Production Supervisor Salary Structure Adjustment; *Recommended Action – Board Discussion / Approve*

B. Consider Board Approval of Well 4A Rehabilitation Contractor – *Recommended Action – Board Discussion / Approve*

C. Consider Board Approval of Professional Services Construction Management & Assessment of Well #4A Rehabilitation by ENGEO Engineering; - *Recommended Action – Board Discussion / Approve*

8. REPORTS.

A. General Manager.

B. Legal Counsel.

9. INFORMATIONAL ITEMS

- A. Water Level Report – April 2025
- B. State Reservoir Conditions – May 13, 2025
- C. Field Operations Monthly Activity Report – April 2025
- D. Monthly Ground Water Well Production Report – April 2025

10. DIRECTOR’S REQUEST OF FUTURE AGENDA ITEMS.

11. BOARD MEMBER COMMENTS.

- A. Report on Meetings Attended/Comments.

12. CLOSED SESSION.

- A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
[Government Code Section 54956.9(d)(1)]: *Pico Water District v. City of Pico Rivera*, Los Angeles County Superior Court Case No. 22NWCV00967.
- B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
[Government Code Section 54956.9(d)(1)]: *City of Pico Rivera v. Pico Water District*, Los Angeles County Superior Court Case No. 24NWCP00165.
- C. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION
[Government Code Section 54956.9(d)(1)]: *Manuel Hernandez v. Pico Water District*

13. CLOSED SESSION REPORT.

14. ADJOURNMENT.

AGENDA POSTED ON: May 15, 2025

Next regularly scheduled meeting: June 04, 2025

NOTE: To comply with the Americans with Disabilities Act, if you need special assistance to participate in any Board meeting, please contact the District office at (562) 692-3756 at least 48 hours prior to a Board meeting to inform the District of your needs and to determine if accommodation is feasible.

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the District office, located at 4843 S. Church Street, Pico Rivera, California.

CONSENT CALENDAR ITEMS

6. APPROVAL OF CONSENT CALENDAR.

(All matters on the Consent Calendar are to be approved on one motion, unless a Board Member requests a separate action on a specific item).

A. Consider approval of May 07, 2025 Regular Board Meeting Minutes.

PICO WATER DISTRICT

MINUTES of BOARD MEETING 05/07/2025



MINUTES OF A REGULAR MEETING OF THE BOARD OF DIRECTORS OF THE PICO WATER DISTRICT

A regular meeting of the Board of Directors of the Pico Water District was held in the District's Boardroom located at 4843 South Church Street, Pico Rivera, California, on Wednesday, May 07, 2025 at 5:30 p.m.

The District's General Manager, Mr. Joe D. Basulto proceeded with the roll call of the attending Board members. Present from the beginning of the meeting was Director David Angelo, Director David Gonzales, Director Pete Ramirez, Vice President Victor Caballero, President Raymond Rodriguez. Mr. Jim Ciampa, Legal Counsel for the District arrived at 5:35 p.m.

President Raymond Rodriguez led everyone in the Pledge of Allegiance and Vice President Victor Caballero gave the invocation.

President Raymond Rodriguez proceeded to the next item on the Agenda, Public Comments. There were no comments.

President Raymond Rodriguez proceeded to the adoption of the Agenda. Director Pete Ramirez made the motion to adopt the Agenda as presented and Vice President Victor Caballero seconded the motion. The General Manager announced the motion passed by roll-call vote, 5 – 0.

President Raymond Rodriguez proceeded to the next item on the Agenda, approval of Consent Calendar, consisting of the April 16, 2025 Regular Board Meeting minutes; consideration of accounts now due and payable and receiving and filing of bills approved by the General Manager in March 2025; and consideration of the March 2025 Financial Statement. The Office Manager, Tomas Rivera briefly reviewed the March 2025 Financial Statement. President Raymond Rodriguez made the motion to approve the Consent Calendar of the above-referenced items and Director Pete Ramirez seconded the motion. The General Manager announced the motion passed by roll-call vote, 5-0.

President Raymond Rodriguez proceeded to the next item on the Agenda, Consider Board Approval of Scholarship Recipients. Four candidates submitted scholarship applications and two scholarships will be awarded. After discussion, the Board of Directors approved awarding the scholarships to Ashley Rivera and Evan Tabullo by motion made by President Raymond Rodriguez and seconded by Director David Gonzales. The General Manager announced the motion passed by roll-call vote, 5-0.

President Raymond Rodriguez proceeded to the next item on the Agenda, Consider Board Approval of Rent Adjustment of District House. Mr. Basulto recommended a rent increase of ten

percent (10%) to take effect on July 1, 2025, as rent has not been adjusted at that property since February 2023. Mr. Basulto further recommended a 10% increase each year for the next four following years. The Board Members briefly discussed the proposed rent increase. Director David Angelo made the motion to approve for a 10% rent increase each year for the next five years for the District House starting July 1, 2025 and continuing on July 1 of each following year and Director David Gonzales seconded the motion. The General Manager announced the motion passed by roll-call vote, 5-0.

President Raymond Rodriguez proceeded to the next item on the Agenda, Discussion of Well #4A Rehabilitation Project. The General Manager reviewed the proposed rehabilitation of Well #4 and the expected budget to get it operational in the next year. A discussion occurred and the item will be discussed in a future agenda item.

President Raymond Rodriguez proceeded to the next item on the Agenda, General Manager's Report. The General Manager reviewed staff's monthly schedule for May. The General Manager also reviewed the monthly quote for the month and Mental Health Awareness month. He reviewed the turn offs over the past week: 10 residential accounts and 3 commercial accounts were turned off for non-payment. There is only one commercial account still pending to be restored. There is an upcoming meeting regarding the draft of the 2025-26 budget. The General Manager and Director of Operations are working on the Water Quality Report for the Consumer Confidence Report, that will also be a newsletter for customers. The General Manager is currently working on a cross-connection control plan and will bring it to the Board for approval by the end of June. He gave a brief update on the PFAS Project and presented the approved permit for Well #11 to operate. That new well is now operating and doing well. President Raymond Rodriguez suggested putting out a notice to customers letting them know the new treatment site is in operation.

President Raymond Rodriguez proceeded to the next item on the Agenda, Legal Counsel Report. Legal Counsel Ciampa briefly reviewed the new cross-connection control requirements the State Water Resources Control Board has established. He stated the District has had a cross-connection plan in place for decades. He stated the State Water Board has imposed new requirements, including that an agency must have a cross-connection specialist either employed by the agency or under contract with other agencies. The updated plan will meet the new State requirements. He also reported the State Water Project increased the allocation from 40% to 50%.

President Raymond Rodriguez proceeded to the next item on the Agenda, Informational Items, the Board will review at their leisure.

President Raymond Rodriguez proceeded to the next item on the Agenda, Director's Request for Future Items. There are none at this time.

President Raymond Rodriguez proceeded to the next item on the Agenda, Board Member Comments. Director Pete Ramirez suggested formulating a letter to the Rancho Unified School District Board regarding a recent event to which the Pico Water District did not receive an invitation. The Board further discussed the issue and determined that personal interaction at Chamber of Commerce may be a more effective way to address the issue.

President Raymond Rodriguez proceeded to the next item on the Agenda, Closed Session. Closed session began at 6:37 p.m. and ended at 6:42 p.m. Legal Counsel, Jim Ciampa reported on

the closed session report. The closed session was held under item 12A. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)]: Pico Water District v. City of Pico Rivera, Los Angeles County Superior Court Case No. 22NWCV00967. The Board was updated on the current status of that matter. Item 12B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION [Government Code Section 54956.9(d)(1)]: City of Pico Rivera v. Pico Water District , Los Angeles County Superior Court Case No. 24NWCP00165. The Board was updated on the current status of that case and was notified that the City of Pico Rivera had filed an appeal of the judgment in that case.

There being no further business to come before the Board, the Board meeting adjourned at 6:43 p.m. The next Regular Meeting will be held on May 21, 2025 at 5:30 p.m.

Raymond Rodriguez, President

Attest:

Joe D. Basulto, Secretary
(Seal)

ACTION / DISCUSSION ITEMS

6. ACTION/DISCUSSION ITEMS.

- A. Consider Board Approval of Production Supervisor Salary Structure Adjustment;**
- B. Consider Board Approval of Well 4A Rehabilitation Contractor;**
- C. Consider Board Approval of Professional Services Construction Management & Assessment of Well #4A Rehabilitation by ENGEO Engineering;**

PICO WATER DISTRICT

ACTION / DISCUSSION

ITEM - 7A

**Consider Board Approval of
Production Supervisor Salary
Structure Adjustment;**

STAFF REPORT

To: Honorable Board of Directors

From: Joe D. Basulto, General Manager

Meeting Date: May 21, 2025

Subject: Action Item 7A - Consider Board Approval of Production Supervisor Salary Structure Adjustment

Recommendation:

Board Discussion / Approve

Fiscal Impact:

General Fund: **\$142,062.54**

Background:

As part of the FY 2026 Draft Budget review, I would like to propose converting the **Production Supervisor** position from a non-exempt to an **exempt classification**, effective **July 1, 2025**. This adjustment is based on a review of the position's historical overtime usage, salary comparisons with similar agencies, and the potential for cost savings and operational consistency.

Current Compensation (Proposed for FY 2026)

- **Base Salary:** \$125,812.00
- **Overtime (Projected):** \$31,510.00
- **Total Projected Compensation:** \$157,322.00

Over the past three fiscal years, the Production Supervisor has consistently earned between **\$30,000 to \$35,000 annually in overtime**. While this reflects the demands of the position, it also introduces fluctuations in annual compensation and long-term financial planning.

Proposed Adjustment

Convert the position to **exempt status** with a **new fixed annual salary of \$142,062.54**, eliminating overtime eligibility. This adjustment will:

- **Save the District approximately \$15,259.46** in the FY 2026 personnel budget.
- **Provide more consistent compensation** for the employee, simplifying payroll planning and reducing variability.

- **Increase retirement benefit calculations**, as the higher fixed salary (without fluctuating OT) will factor into pension/benefit computations.
- **Align the position more closely** with comparable roles in similarly sized agencies.

Market Comparisons for Similar Roles

Agency	Comparable Position Title	Annual Salary
La Puente Valley County Water District	Water Treatment & Supply Supervisor	\$145,541.00
Crescenta Valley County Water District	Production Manager	\$143,997.00
Orchard Dale Water District	Foreman	\$146,951.00
Sunnyslope County Water District	Lead Water Treatment Plant Operator	\$165,981.00
Valley County Water District	Treatment & Production Supervisor	\$152,740.00

The proposed salary of **\$142,062.54** is competitive with regional benchmarks and reflects a fair market value for the role, considering the responsibilities and experience required.

Recommendation

Approval of this proposal will standardize the compensation structure for the Production Supervisor role, align with best practices, and result in long-term financial and operational benefits for the District.

PICO WATER DISTRICT

ACTION / DISCUSSION

ITEM - 7B

**Consider Board Approval
of Well 4A Rehabilitation
Contractor;**

STAFF REPORT

To: Honorable Board of Directors

From: Joe D. Basulto, General Manager

Meeting Date: May 21, 2025

Subject: Action Item 7B - Consider Board Approval of Well 4A Rehabilitation Contractor

Recommendation:

Board Discussion / Approve

Fiscal Impact:

General Fund TBD

Background:

Request for Proposals (RFP) for the rehabilitation of Well 4A were issued on April 29, 2025. The scope of work outlined in the RFP includes the following tasks:

1. Pump Removal, Visual Inspection, and Video Survey
2. Installation of a 40' Dummy Mandrel to Ensure Liner Installation
3. Backfilling of the Well up to 250'
4. Installation of a 16" Stainless Steel Liner and Sili Beads
5. Consolidation of Sili Beads
6. Miscellaneous Pump Repairs
7. Reinstallation of Permanent Pump
8. Start-Up and Long-Term Pumping Test

Proposal Process:

Proposals were solicited from the following pump contractors:

1. General Pump Company
2. Layne Granite Company
3. Best Drilling & Pump Company

The deadline for proposal submissions was **May 15, 2025, at 5:00 PM**. Only **General Pump Company** submitted a proposal by the deadline.

Proposal Summary:

- **General Pump Company** submitted a complete proposal in accordance with the RFP requirements.
- **Total Proposed Cost:** \$271,857.99

Recommendation:

Based on the timely submission and conformance with the project scope, it is recommended that the contract for the Well 4A Rehabilitation Project be awarded to **General Pump Company** in the amount of **\$271,857.99**. (95% of the associated costs will be covered by the Multibenefit Drought Relief Program grant.)



**GENERAL
PUMP
COMPANY**

**PICO WATER DISTRICT WELL 4A
REHABILITATION :**

PROPOSAL

May 14, 2025

PREPARED For:

Matthew Tryon

Director of Operations

Pico Water District

4843 South Church Street

Pico Rivera, CA 90660

mtryon@picowaterdistrict.net

PREPARED By:

Ricky Trujillo

General Pump Company

rtrujillo@genpump.com



OFFICERS
RAYMOND RODRIGUEZ, PRESIDENT
VICTOR CABALLERO, VICE PRESIDENT
JOE D. BASULTO, GEN. MGR./SECRETARY
TOMAS A. RIVERA, TREASURER

Pico Water District
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DIRECTORS
DAVID ANGELO
VICTOR CABALLERO
DAVID R. GONZALES
E. A. "PETE" RAMIREZ
RAYMOND RODRIGUEZ

April 29, 2025

REQUEST FOR PROPOSAL

PicoWD Well 4A Rehabilitation: Installation of Well Liner and Re – Installation

To Whom It May Concern:

Pico Water District (District) invites a proposal from your firm to provide services as specified herein, and in the enclosed documents. Please submit your proposal to:

Matthew Tryon, Director of Operations
Pico Water District
4843 South Church Street
Pico Rivera, CA 90660
mtryon@picowaterdistrict.net

The District desires to engage a single contractor to perform the work as outlined below and in accordance with the specifications set forth below.

- A. **Rehabilitation of Well 4A project information:** A video survey performed in February 2021 revealed significant buildup on the interior walls of the well casing, with the heaviest accumulation observed in the lower screened section. The surveyed depth of the well was 389 feet, compared to the original construction depth of 420 feet when the well was first drilled.

Following the survey, the well was mechanically redeveloped using a steel wire brush to remove the buildup from the casing walls. The brushing process was successful; however, during subsequent bailing operations to remove the dislodged material, a substantial amount of heavy sand and filter pack material was removed, indicating possible migration of formation material and filter pack into the well.

A final video survey was conducted following the redevelopment of the well. The survey indicated that the upper louvers were mostly open, with fine sediment observed at the ends of the louvers. Water was seen entering the well at a depth of 363.3 feet, and the total depth of the well was documented at 368 feet.

The permanent pumping equipment was repaired and reinstalled toward the end of 2021. During operation, significant sand production was observed. A temporary variable frequency drive (VFD) was installed to operate the pump at varying flow rates in an effort to monitor sand intrusion. Dynamic video surveys were also conducted to help pinpoint the source of the sand; however, no definitive intrusion points could be identified.

I. SCOPE OF WORK:

1. Pump Removal, Visual Inspection and Video Survey
2. Installation of 40' dummy mandril to ensure liner installation
3. Back filing of the well up to 250'
4. Installation of 16'' SS Liner and Sili Beads
5. Consolidation of Sili Beads
6. Misc. Pump Repairs
7. Re-Installation of Permanent Pump
8. Perform Start up Long Term Pumping

II. Additional Contractor Notes:

- This project shall be bid as prevailing wage.
- Contractor is required to get encroachment permit (and comply with requirements such as an approved traffic plan) from City of Pico Rivera. Provide the District a copy of permit. (as Needed)
- Provide City with USA ticket and a copy to the District. Maintain active USA ticket.
- Contractor to use the WATCH manual for street and traffic safety plus any requirements from the City.
- Contractor shall be responsible for all permanent paving due as requested by the District.
- Trench work shall comply with District Standard Specification S-25 and/or encroachment permit. Compaction testing will be required. Provide District copies.
- All work shall be performed per District Standard Specifications which can be found at www.picowaterdistrict.net.
- Work site shall be kept clean and open for the public at all times. The selected contractor shall provide the District with a work schedule so the District can notify the resident of the planned work.
- If total cost for all work exceeds \$25,000, the District will require both a Payment Bond and Faithful Performance Bond guaranteeing work for one year.

III. PROPOSAL.

- A. All Proposals shall be complete and legible before submitting to Pico Water District. Proposals shall be submitted to Pico Water District at the address set forth, as soon as possible but no later than 4:00 p.m. on May14, 2025. (Email submission is accepted)
- B. Contractor shall submit one (1) original.

IV. CONTRACTOR SELECTION.

The District will evaluate all proposals submitted, and then select a contractor based on: cost, qualifications, availability, experience and reference. The District reserves the right to reject any or all proposals submitted, and no representation is made hereby that a contract will be issued pursuant to this request for proposal or otherwise. The District also reserves the right to award a portion or portions of the work.

V. AGREEMENT.

The selected contractor shall be responsible for completing the specified services in accordance with the Agreement which will be prepared by the District, a copy of which is enclosed for your review. Please note the insurance requirements and required coverage amounts specified in Paragraph 9 of that Agreement. The Agreement will include a one (1) year guarantee of all work performed from the date of completion.

ATTACHMENT 1

CONTRACTOR'S PROPOSAL

General Pump Company, Inc.

Company

159 N. Acacia St., San Dimas, CA 91773

Address

909-599-9606

Telephone Number

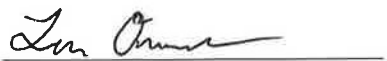
909-599-9606

Emergency Telephone Number

496765

State License Number

The undersigned declares that he/she has carefully examined the Contract documents and has read the accompanying proposal requirements and hereby proposes to furnish all materials and do all work required to complete any necessary work for the unit or lump sum price set forth in the following Bid Schedule.



Authorized Signature

ATTACHMENT 2
Bid Schedule

Description	Quantity	Amount
1. Pump Removal, Visual Inspection and Video Survey		\$ 9,932.00
2. Installation of 40' dummy mandril to ensure liner installation		6,800.00
3. Back filing of the well up to 250'		24,810.00
4. Installation of 16'' SS Liner and Sili Beads		145,900.00
5. Consolidation of Sili Beads		5,500.00
6. Misc. Pump Repairs		8,750.00
7. Re-Installation of Permanent Pump		9,540.00
8. Perform Start up Long Term Pumping		10,220.00
 Bonds, if necessary		 7,150.00
 Other		 26,730.00
 Sub-total without taxes		 255,332.00
 Grand total with taxes		 \$271,857.99

PICO WATER DISTRICT

DISCUSSION

ITEM - 7C

**Consider Board Approval of
Professional Services Construction
Management & Assessment of Well
#4A Rehabilitation by ENGEO
Engineering;**

STAFF REPORT

To: Honorable Board of Directors

From: Joe D. Basulto, General Manager

Meeting Date: May 21, 2025

Subject: Action Item 7C - Consider Board Approval of Professional Services Construction Management & Assessment of Well #4A Rehabilitation by ENGEO Engineering

Recommendation:

Board Discussion / Approve

Fiscal Impact:

General Fund: **\$88,800.00 – \$99,500.00**

Background:

As part of the grant requirements for project management support under the Multibenefit Drought Relief Program, and with the recommendation of Civiltec Engineering, we propose engaging the professional services of ENGWO Engineering. ENGWO will be responsible for providing Construction Management and conducting a detailed assessment of Well 4A.

The scope of work will include oversight of all activities performed by the pump contractor, as well as a comprehensive evaluation of the well casing and testing procedures. This assessment is critical to determining the most efficient and sustainable rehabilitation approach for Well 4A.

Based on the findings of the assessment, the rehabilitation strategy will be defined. It is anticipated that 90% to 95% of the associated costs will be covered by the Multibenefit Drought Relief Program grant.

February 20, 2025
Revised May 9, 2025

Project No.
P28051.000.001

Mr. Joe D. Basulto
Pico Water District
4843 South Church Street
Pico Rivera, CA 90660

Subject: Well No. 4A Rehabilitation
Pico Rivera, California

PROPOSAL FOR WELL REHABILITATION CONSULTING SERVICES

Dear Mr. Basulto:

We are pleased to submit this proposal to provide hydrogeologic and well rehabilitation consulting services for the Pico Water District (District) Well No. 4A (Well 4A), located at 9512 Brasher Street, southeast of the intersection of Brasher Street and Tobias Avenue, in Pico Rivera, California. We have provided professional engineering and hydrogeology services for over 50 years, including geotechnical engineering design, hydrogeologic services, and environmental services for public works projects. Our team has extensive experience in municipal well planning and design, well assessments, well rehabilitation plans; and field oversight of new well construction, well rehabilitation, and well repair. Based on our review of documents provided by the Pico Water District and team discussion on April 29, 2025, we have prepared this revised proposal.

PROJECT UNDERSTANDING AND APPROACH

Well 4A was constructed in 1983 by a reverse circulation drilling method using 18-inch-diameter copper-bearing steel well casing to a depth of 420 feet, with louver perforations from 180 to 380 feet below ground level (200 feet of louver screen and 40 feet of well cellar). A video survey completed in August 2021, noted 52 feet of fill had accumulated at the bottom of the well and covered 12 feet of louvers. At this time, the District does not have any as-builts, but we were provided with the Well Completion Report for Well 4A. We understand that, historically, Well 4A produced 2,500 gallons per minute (gpm) and a specific capacity of 23.6 gallons per minute per foot (gpm/ft). Southern California Edison (SCE) testing in 2016 measured a pumping rate of 1,018 gpm, 52 feet of drawdown, and a specific capacity of 19.6 gpm/ft. Possible sources of decreased well production include mineral scale and biofouling in the louver screen as observed in the 2016 video survey. We note that the 6-inch annular space is filled with No. 5 Livingston Graham pea gravel and the Ful-Flo louver slot size is 0.090-inch opening.

We understand from the General Pump Co. (GPC) letter dated November 18, 2021, that prior to July 2021, the well was brushed and bailed. Subsequently, in July 2021, the well pump locked up due to sand infiltration, requiring pump removal, cleaning, and reinstallation in August 2021. GPC indicated that the fill material bailed from the bottom of the well consisted of "silt, sand, and filter pack at equal volumes of what was removed," leading GPC to conclude the lower louvers of the well were contributing to the sanding issue. Following bailing, the repaired pump was operated for 47.5 hours over 5 days, including a dynamic video survey with a miniature camera (GPC, 2021). GPC reports that the mini-camera video was not conclusive in determining where the majority of the sand was coming into the well. Although sand was observed entering the well from a depth 330 to 364 feet, GPC could not conclude the upper louvers were producing no sand.

SCOPE OF WORK

Based on our understanding of the current well conditions, including significant sand production, the District's plans to rehabilitate the well and achieve a minimum of 900 to 1,000 gpm, we have developed the following scope of work. We understand the refurbished well pump from 2021 remains in the well and sand pumping, including the use of a de-sanding device, has been a long-term condition at Well No. 4A. We are recommending downhole surveys to understand the current condition of the well and develop repair or reconstruction options.

Task 1: Observe Wire Brushing and Air Lifting

The District will contract to have the pump bowls and column pipe removed and assist with the downhole surveys. Well contractor and District staff should photograph the column pipe and pump and inspect each joint and threaded fittings for corrosion, holes in particular. The District should have the pump contractor cover and protect the equipment on site or transfer the equipment to the contractor's yard for inspection, if required.

We will coordinate with the pump contractor to perform wire brushing of the louvers and open end air lifting at the bottom to remove the approximately 55 feet of accumulated sediment. In general, the contractor should brush the casing and louvers for no more than 5 hours; open end air lifting is recommended over bailing to avoid damaging the deepest louvers which are suspected of producing sand (GPC, 2021). We will observe the air lifting to document the fill material, yield, and persistent sand production (if any). After the completion of air lifting, a continuous stream of water should be run in the well before the video survey. The pump contractor will also need to provide a pump rig or crane to support the EMT-24 tool (see Downhole Surveys).

Task 2: Downhole Surveys

We will coordinate with Pacific Surveys to perform downhole surveys following the brushing and air lifting. Pacific Surveys will be contracted by the District to complete a color video survey, caliper and deviation logs, and an EMT-24 survey to measure remaining casing wall thickness and evaluate corrosion and loss of metal. We will be on site to observe the surveys. These logs will be used to assess the overall condition of the well and develop recommendations for repairs (swage patches) or liner installation, and chemical treatment.

Task 3: Well Assessment Recommendations and Report

We will review the available information and new downhole survey results to evaluate the overall condition of the well and discuss options to repair and address well fouling and the sanding issue. We estimate casing damage or enlarged louvers may be responsible for sand intrusion at the bottom of the well. Biofouling or scale buildup causing plugged louvers would increase water entrance velocity and further exacerbate sand pumping. Preliminarily, we estimate that permanent repairs could include swage patches or reconstruction of the well with a full depth liner. We will provide a well assessment report that summarizes our findings and conclusions and outlines the approach to well repair, rehabilitation, or reconstruction. The report will include an assessment of the overall condition of the well and our recommendations for chemical treatment, redevelopment, and if necessary, patch installation, or full-depth liner and filter pack design, and installation. We will submit a draft report for District review and issue a final report that addresses comments provided by the District.

Task 4: Technical Specifications

Depending on the results of the well assessment, we will prepare technical specifications for installation of swage patches or installation of the casing and screen liner. Each option will also include specifications for chemical treatment, redevelopment, and testing to develop recommendations for selection of a new pump. Well cleaning will be required to remove biofilm and scale to improve well yield. Chemical cleaning will include acid treatment and removal, followed by chlorine treatment and redevelopment. The final phase of well rehabilitation includes thorough redevelopment and test pumping to confirm pumping rates and pumping levels and develop recommendations for pump depth setting and long-term pumping rates. We will also prepare an estimate of probable construction cost, attend the pre-bid meeting, and assist with responses to contractor request for information (RFI's).

Task 5: Field Hydrogeology – Construction Management Services

We will provide coordination with the District and the selected contractor during the well repairs/liner installation and well cleaning. We will provide oversight during swage patching, liner installation, chemical treatment, redevelopment, and testing. Swage patching will be performed by a specialty subcontractor hired by the well contractor and will require approximately 2 days followed by 2 weeks to complete chemical treatment and redevelopment. Liner installation will be performed by the well contractor and is estimated to require 1 week to complete, followed by 2 weeks of chemical treatment and redevelopment. We will observe and direct pumping development and a step drawdown and constant rate pumping tests. Pumping is estimated to be completed in 1 week. We will observe the final video survey and disinfection of the well.

Task 6: Well Rehab Summary Report

We will prepare a report summarizing the well repair or liner installation, chemical treatment, redevelopment, and testing. We will analyze the pumping test results and provide recommendations for pump depth setting, pumping rate, and routine monitoring of sand content and specific capacity.

FEE ESTIMATE

TABLE 1: Task and Fee

TASK		FEE
Task 1	Observe Wire Brushing and Air Lifting	\$5,300
Task 2	Observe Downhole Surveys	\$4,000
Task 3	Well Assessment Recommendations and Report	\$6,200
Task 4	Technical Specifications, Cost Estimate, Bid Support: Swage Patch and Rehabilitation	\$12,800
Task 5	Construction Management: Swage Patch and Rehabilitation	\$47,000
Task 6	Well Rehab Summary Report: Swage Patch and Rehabilitation	\$8,500
Total – Swage Patch Option		\$83,800

TASK		FEE
Task 4A	Technical Specifications, Cost Estimate, Bid Support: Full-Depth Liner and Rehabilitation	\$16,000
Task 5A	Construction Management: Full-Depth Liner and Rehabilitation	\$59,500
Total – Liner Option		\$99,500

The District should anticipate a fee of \$10,625 by Pacific Surveys, LLC to complete the downhole video, caliper, deviation, and EMT-24 surveys. The District should obtain a quote from a pump contractor to remove the existing pump, 4 hours of wire brushing, open-end airlift removal of 55 feet of fill, and 1 day of rig time to lift the EMT-24 tool over the well.

LIMITATIONS

ENGEO's liability for damage due to professional negligence, acts, errors, omissions, breach of contract and consequential damages will be limited by Client to an amount not to exceed an aggregate limit of two hundred thousand dollars or ENGEO's fee, whichever is greater, regardless of the legal theory under which such liability is imposed.


AUTHORIZATION


If the above scope of services and fee are acceptable, please sign the attached Professional Services Agreement and return as our authorization to proceed. We can begin our services upon receipt of an executed agreement.

We appreciate this opportunity to support the Pico Water District. Should you have any further questions or would like to obtain additional information, please do not hesitate to contact me at 714-745-4999.

Sincerely,

ENGEO Incorporated


Jennifer Knipper, PG
Project Geologist


James Thurber, PG, CHG
Principal

jk/jt/ar

Attachment: Professional Services Agreement

PROFESSIONAL SERVICES AGREEMENT



2633 Camino Ramon, Suite 250
San Ramon, CA 94583
(925) 866-9000 | info@engeo.com

Date: May 9, 2025

Project No.: P28051.000.001
Phase: 001
ENGEO Contact: James Thurber

Client: Pico Water District

Client Contact: Mr. Joe D. Basulto

Billing Address: 4843 South Church Street, Pico Rivera, CA, 90660

Project Name and Location: Well 4A Rehabilitation, 9512 Brasher Street, Pico Rivera, CA 90660

Scope of Services: In accordance with the attached proposal dated February 20, 2025, revised May 9, 2025

Estimated Fees: In accordance with the attached proposal dated February 20, 2025, revised May 9, 2025

- ☐ Swage Patch Option\$83,800
☐ Liner Option.....\$99,500

TERMS AND CONDITIONS

1. This agreement shall be binding upon the heirs, executors, administrators, successors and assigns of Client and ENGEO.
2. This agreement shall not be assigned by either Client or ENGEO without the prior written consent of the other.
3. This agreement contains the entire agreement between Client and ENGEO relating to the project(s) and the provision of services to the project(s). Any prior agreements, promises, negotiations or representations not expressly set forth in this agreement or its referenced documents are of no force or effect. Subsequent modifications to this agreement shall be in writing and signed by both Client and ENGEO.
4. ENGEO's waiver of any term, condition, or covenant, or breach of any term, condition, or covenant, shall not constitute the waiver of any other term, condition, or covenant, or the breach of any other term, condition, or covenant.
5. If any term, condition, or covenant of this agreement is held by a court of competent jurisdiction to be invalid, void or unenforceable, the remaining provisions of this agreement shall be valid and binding on Client and ENGEO.
6. This agreement shall be governed by and construed in accordance with the laws of the State of California.
7. ENGEO shall only act as an advisor in all governmental relations. ENGEO shall not be construed as an agent of Client.
8. ENGEO shall sign certifications only if ENGEO approves the form of such certifications prior to the commencement of services, and provided such certifications are limited to statements of professional opinion and do not constitute a warranty or guarantee, express or implied.
9. All reports, documents, drawings and other instruments of ENGEO's service, and copies thereof, created by ENGEO pursuant to this agreement, shall remain the property of ENGEO. Client agrees that the instruments of service provided to Client by ENGEO shall not be subject to unauthorized reuse, that is, reuse without written authorization of ENGEO. Such authorization is essential because it requires ENGEO to evaluate the documents' applicability given new circumstances, not the least of which is passage of time. Accordingly, Client agrees to waive any claim against ENGEO, and defend, indemnify and hold ENGEO harmless from any claim or liability for injury or loss allegedly arising from unauthorized reuse of ENGEO's instruments of service. Client further agrees to compensate ENGEO for any time spent or expenses incurred by ENGEO in defense of any such claim, in accordance with ENGEO's prevailing fee schedule and expense reimbursement policy.
10. Samples will be discarded immediately after testing. Those not tested will be discarded 30 days after sampling. Samples shall remain the property of Client, and Client shall be responsible for removal and lawful disposal of hazardous materials and containers.
11. Client shall not permit or authorize changes in the reports and documents prepared by ENGEO pursuant to this agreement. Client acknowledges that any changes and their effects are not the responsibility of ENGEO and Client agrees to release ENGEO from all liability arising from the use of such changes and further agrees to defend, indemnify and hold harmless ENGEO, its officers, directors, principals, agents and employees from and against all claims, demands, damages or costs arising from the changes and their effects.
12. Client acknowledges that its right to utilize the services and instruments of service provided pursuant to this agreement will continue only so long as Client is not in default pursuant to the terms and conditions of this agreement and Client has performed all obligations under this agreement. Client further acknowledges that ENGEO has the unrestricted right to use the services provided pursuant to this agreement as well as all instruments of service provided pursuant to this agreement.
13. Client is to furnish ENGEO free access to the project site in order to make the necessary borings, reconnaissance, or other explorations, whether invasive or noninvasive. ENGEO will exercise reasonable care; but some damage is unavoidable. Cost of repair is not included in the fee and is Client's responsibility.
14. Client shall furnish ENGEO the locations of all underground utilities or buried structures. ENGEO shall not be liable for damage to any utilities or structures which were not accurately defined and/or located by the Client.
15. ENGEO and Client agree that there are risks of earth movement and property damage inherent in field exploration, land development and repair; that ENGEO has not been authorized to perform the exhaustive and economically infeasible investigation necessary to eliminate such risks; and that ENGEO thus does not guarantee or warrant the results of its work.
16. Upon written request, Client shall execute and deliver, or cause to be executed and delivered, such additional instruments, documents, governmental fees and charges which are necessary for ENGEO to perform its obligations under this agreement.
17. Client agrees not to use or permit any other person to use reports or other instruments of service prepared by ENGEO, which reports or other instruments of service are not final and which are not signed, stamped or sealed by ENGEO. Client agrees to be liable and responsible for any such use of nonfinal reports, or other instruments of service not signed, stamped or sealed by ENGEO and waives liability against ENGEO for their use. Client further agrees that final reports or other instruments of service are for the exclusive use of Client and may be used by Client only for the project described on the face hereof.
18. ENGEO has a right to complete all services agreed to be rendered pursuant to this agreement. Either Client or ENGEO may terminate this agreement at any time before completion of all services by giving seven (7) days written notice thereof to the other. If terminated by Client, Client agrees to release ENGEO and hold ENGEO harmless from all liability for work performed.
19. ENGEO shall be entitled to immediately, and without notice, suspend the performance of any and all of its obligations pursuant to this agreement if Client files a voluntary petition seeking relief under the United States Bankruptcy Code or if there is an involuntary bankruptcy petition filed against Client, and that petition is not dismissed within fifteen (15) days of its filing. Any suspension of services made pursuant to this paragraph shall continue until such time as this agreement has been fully and properly assumed in accordance with the applicable provisions of the United States Bankruptcy Code and in compliance with the final order or judgment issued by the Bankruptcy Court.
20. This agreement shall not be construed to alter, affect or waive any lien or stop notice right which ENGEO may have for the performance of services pursuant to this agreement. Client agrees to separately provide to ENGEO the present name and address of the record owner of the property on which the project is to be located. Client also agrees to separately provide ENGEO with the name and address of any and all lenders who would loan money on the project and who are entitled to receive a preliminary notice.
21. If payment for ENGEO's services is to be made on behalf of Client by a third-party lender, Client agrees that ENGEO shall not be required to indemnify the third-party lender, in the form of an endorsement or otherwise, as a condition of receiving payment for services.
22. Charges not paid within thirty (30) days of invoice will accrue a late charge at a rate of 1.5 percent per month. If Client fails to pay ENGEO within thirty (30) days after invoices are rendered, Client agrees that ENGEO has the right to consider such nonpayment a material breach of this entire agreement, and, upon written notice, the duties, obligations, and responsibilities of ENGEO under this agreement are terminated. In such event, Client shall promptly pay ENGEO for all fees, charges, and services provided by ENGEO including collection costs and related attorneys' fees. Client agrees that all billings from ENGEO to Client are correct, conclusive, and

INFORMATION ITEMS

9. INFORMATIONAL ITEMS

- A. Water Level Report –April 2025
- B. State Reservoir Conditions – May 13, 2025
- C. Field Operations Monthly Activity Report – April 2025
- D. Monthly Ground Water Well Production Report – April 2025

PICO WATER DISTRICT

WATER LEVEL REPORT

April 2025

WATER LEVELS REPORT

Water Levels for April 2025

Listed below are the water levels for the two key monitoring wells used by the Water Replenishment District of Southern California (WRD), and the District's active wells.

WRD is charged with monitoring the water levels in both the Central Basin and West Coast Basin, and with making sure both basins are replenished annually. As a means of monitoring the levels in both basins WRD measures the depth of water in two specific wells, 1601T located in between the San Gabriel River and the Rio Hondo spreading grounds, and the second Carson #1 located in the City of Carson. WRD compares the levels of these two wells month to month, and year to year as a means of gaging the reliability of both basins (levels listed are in feet below surface). As this report is specific to the Central Basin, we are only showing the Central Basin Monitoring Well results below.

Latest Readings Reported

Central Basin 1601T	97.00 – Feb.2025	93.7 – Feb.2024
Carson Well	75.00 – Feb.2025	68.7 – Feb.2024

Listed below are the static and pumping levels (in feet below surface) for the District's five active wells, and pump settings (depth), also, is the recorded Draw-down.

April 2025

	Static	Pumping	Flow Rate	Drawdown	Well Depth	Pump Depth Top of Bowls
Well #4A	46'	N/A	N/A	N/A	420'	150'
Well #5A	86'	100'	867gpm	14'	900'	242'
Well #8	71'	79'	447gpm	8'	474'	243'
Well #10	44'	55'	491gpm	11'	605'	182'
Well #11	82'	88'	1008gpm	6'	1020'	312'

April 2024

	Static	Pumping	Flow Rate	Drawdown
Well #4A	25'	N/A	N/A	N/A
Well #5A	55'	N/A	N/A	N/A
Well #8	39'	54'	886gpm	15'
Well #10	28'	50'	595gpm	22'
Well #11	51	71'	2196gpm	20'

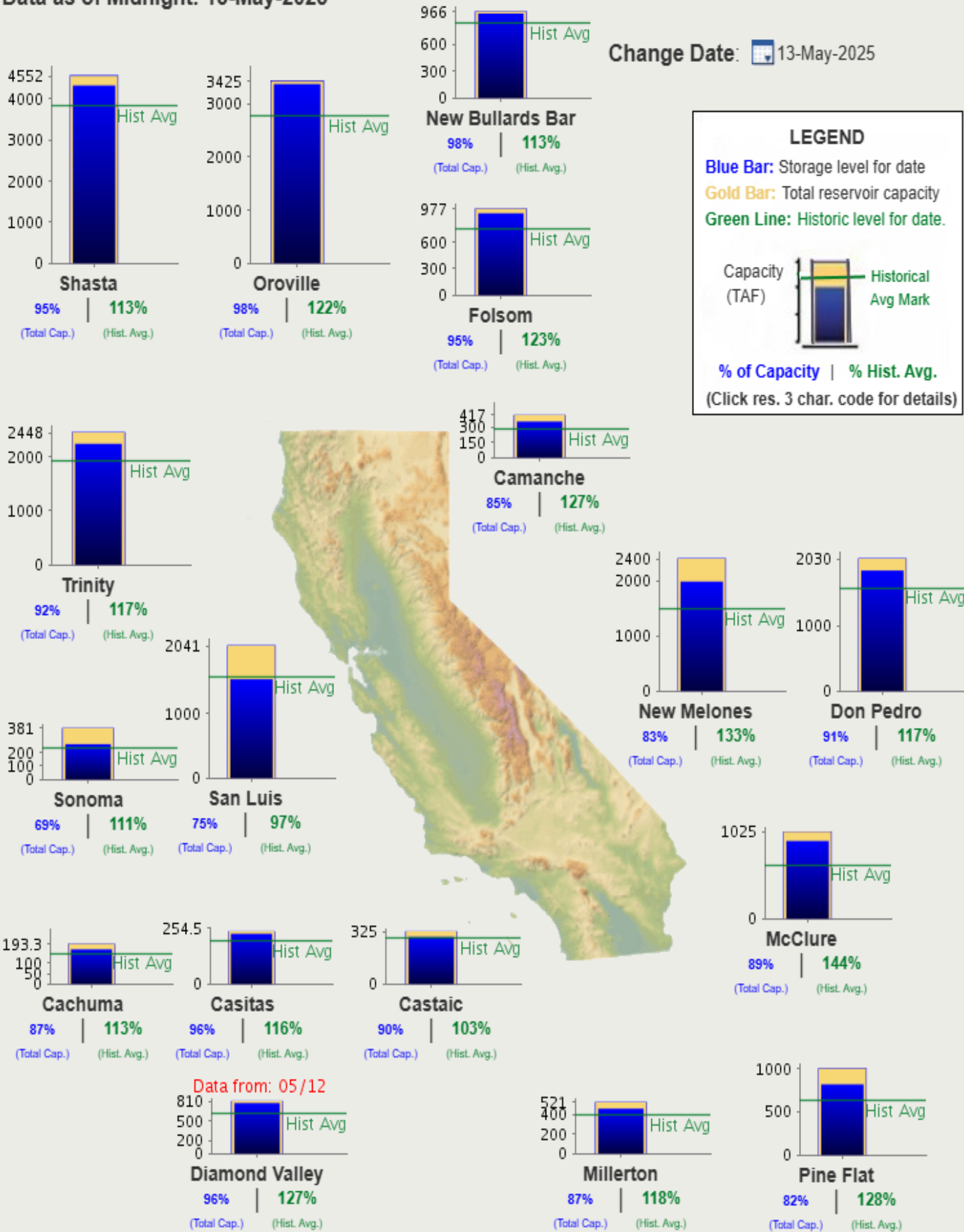
PICO WATER DISTRICT

STATE RESERVOIR

May 13, 2025

CURRENT CONDITIONS: MAJOR WATER SUPPLY RESERVOIRS:13-MAY-2025

Data as of Midnight: 13-May-2025



[Click to download printable version of current data.](#)

Report Generated: 14-May-2025 9:08 PM

The CSI link has been disabled to zoom in, for the lack of historical data.

PICO WATER DISTRICT

**OPERATIONS MONTHLY
ACTIVITY REPORT**

April 2025

Annual Activity Report

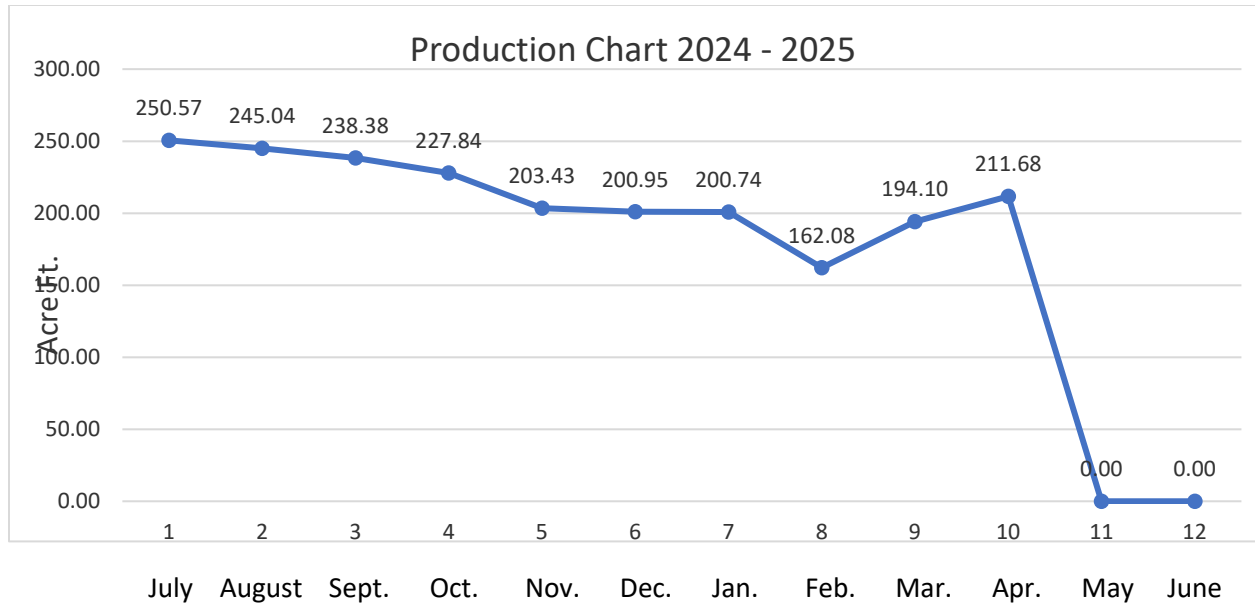
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PICO WATER DISTRICT

GROUND WATER PRODUCTION REPORT

April 2025

Pico Water District Monthly Production Report



2025 Production Month of **March: 211.68 Acre. Ft.**

1.92 Acre. Ft. Above the 3 year Average of 209.76

Total Production for FY 2024 to 2025: **2134.82 Acre Ft.**

Production Allowed: **3624.00 Acre. Ft.**

Lease of Pumping Rights: **620 Acre Ft. – Executed**

Total currently Leftover: **869.18 Acre. Ft.**