

PANOCHÉ WATER DISTRICT

BOARD OF DIRECTORS MEETING

March 12, 2024 at 9:30 am

MEETING LOCATION

Panoche Water District Boardroom
52027 West Althea Ave.
Firebaugh, CA 93622

AGENDA

PRESIDENT'S ANNOUNCEMENT: Pursuant to Government Code Section 54952.3, Water Code sections 34740 and 34741, and the District's Bylaws, let it be known that Board members may receive either: A \$100.00 stipend as compensation for participation in today's meeting and for each day's service rendered as a Director, not to exceed a total of \$600.00 in any calendar month, or, as an Executive Officer of the District, a \$500.00 per month stipend as compensation for their service to the District.

1. CALL TO ORDER

2. ROLL CALL: A quorum will be confirmed, and the Board will consider appointment of an acting Officer (s) in the event the President, Vice-President, and/or Secretary is absent from the meeting.

3. POTENTIAL CONFLICTS OF INTEREST: Any Board member who has a potential conflict of interest may now identify the Agenda Item and recuse themselves from discussing and voting on the matter. [Government Code Section 87105]

4. PUBLIC COMMENT: The Board of Directors welcomes participation in Board meetings. The public may address matters under the jurisdiction of the Board that have not been posted in the Agenda. The public will be given the opportunity to address the Board on any item in the Agenda at this time or before the Board's consideration of that item. If members of the public desire to address the Board relative to a particular Agenda item at the time it is to be considered, they should so notify the President of the Board at this time. Please note, California Law prohibits the Board from taking action on any matter during a regular meeting that is not on the posted Agenda unless the Board determines that it is an emergency or one of the other situations specified in Government Code Section 54954.2. During a special meeting, the Board may not take action on any matter that is not on the posted Agenda. The President may limit the total amount of time allocated for public comment on particular issues to 3 minutes for each individual speaker.

ACTION ITEMS

- 5. THE BOARD TO REVIEW AND CONSIDER APPROVING THE PROPOSAL FROM SUMMERS ENGINEERING, INC. FOR THE PANOCHÉ WATER DISTRIBUTION SYSTEM MODERNIZATION PLAN**

6. **THE BOARD TO REVIEW AND CONSIDER APPROVING THE FEBRUARY 20, 2024, REGULAR BOARD MEETING MINUTES (Reyes)**
7. **FINANCIAL REPORT (Brazil)**
 - A. Accounts Payable
 - B. Monthly Financials
 - C. FYE 2024 Budget-to-Actual Report
 - D. Other financial matters affecting the District
8. **THE BOARD TO REVIEW AND CONSIDER APPROVING THE PROPOSED BUDGET FOR FISCAL YEAR ENDING FEBRUARY 28, 2025, AS WELL AS THE PROPOSED WY 2024-25 WATER RATE STRUCTURE**
9. **THE BOARD TO REVIEW AND CONSIDER APPROVING LETTER OF INTENT FOR PANOCHE DRAINAGE DISTRICT CARBON SEQUESTRATION PROJECT PROPOSAL**
10. **THE BOARD TO REVIEW AND GIVE DIRECTION ON THE PROPOSITION 218 BOND RECONCILIATION**

REPORT ITEMS

11. **DIVISION REPORTS**
 - A. Water Supply Update (Reyes)
 - B. Operations & Maintenance (Carlucci)
 - C. Domestic Water Treatment Plant (Cadena/Carlucci/McGowan)
 - D. Ethics, Compliance, and Risk Management Update (Marquez)
 - E. Human Resources Update (Brazil)
 - F. Other Matters
12. **THE BOARD TO RECEIVE AN UPDATE ON THE FOREFRONT SOLAR PROJECT FOR THE DISTRICT (Cadena)**
13. **THE BOARD TO RECEIVE AN UPDATE ON THE USBR WATER SMART GRANT PROJECT FOR THE CONTOUR CANAL AND EXPENSES. (Marquez)**
14. **THE BOARD TO RECEIVE UPDATES FROM STAFF ON VARIOUS MATTERS AFFECTING THE DISTRICT (McGowan)**
15. **GENERAL MANAGER'S REPORT (McGowan)**
 - A. Outreach Efforts
 - B. Sustainable Groundwater Management Act
 - I. Central Delta Mendota SSMA
 - C. Los Vacqueros Expansion Project
 - D. Water Supply, Storage, and Conveyance Discussions
 - I. Supplemental Water

- E. Water Supply, Storage, and Conveyance Discussions
 - I. South of Delta Drought Contingency Pilot Program
 - II. North of Delta Transfer Program
- F. Other Matters:
 - I. Althea Home Sale
 - II. Discretionary Merit Increase

16. REPORTS ON OTHER ITEMS PURSUANT TO GOVERNMENT CODE SECTION 54954.2(a)(3)

17. PANOCHE WATER & DRAINAGE DISTRICTS JOINT CLOSED SESSION: Conference with Legal Counsel.

- A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
 Significant Exposure to Litigation pursuant to Section 54956.9(d), paragraph (2) or (3):
 Number of Cases: Three
- B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION Pursuant to Section 54956.9(d)(1):
Names of Cases:
 - I. PCFFA v. Glaser, et. al.
 US District Court, E.D. Cal, Case No. 2:11-cv-02980

REPORT FROM JOINT CLOSED SESSION (GOVERNMENT CODE SECTION 54957.1)

18. PANOCHE WATER DISTRICT CLOSED SESSION

- A. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION
 Significant Exposure to Litigation pursuant to Section 54956.9(d), paragraph (2) or (3):
 Number of Cases: Four
- B. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION Pursuant to Section 54956.9(d)(1):
Names of Cases:
 - i. Center for Biological Diversity, et al. v. United States, et al.
 US District Court, E.D. Cal, Case No. 1:20-CV-00760 DAD-EPG
 - ii. North Coast Rivers Alliance, et al. v. Kenneth Salazar, et al.
 US District Court, E.D. Cal., Case No. 1:16-cv-00307-DAD-SKO
 - iii. Firebaugh Canal Water District & Central California Water District v. United States, et al. US District Court, E.D. Cal., Case 1:88-cv-00634-LJO-SKO
- C. CONFERENCE WITH REAL PROPERTY NEGOTIATORS
 Pursuant to Section 54956.8

Property: Land and Associated Infrastructure
Agency Negotiator: Patrick McGowan, General Manager
Negotiating Parties: Panoche Water District
Under Negotiation: Price and Terms

Property: Water
Agency Negotiator: Patrick McGowan, General Manager
Negotiating Parties: Panoche Water District
Under Negotiations: Price and Terms

Property: Real Property
Agency Negotiator: Patrick McGowan, General Manager
Negotiating Parties: Panoche Water District, SLDMWA
Under Negotiations: Price and Terms

D. CONFERENCE WITH LABOR NEGOTIATORS

Pursuant to Gov. Code Section 54957.6

Agency Designated Representative: Patrick McGowan, General Manager

Employee Organization: International Brotherhood of Electrical Workers

REPORT FROM CLOSED SESSION

19. FUTURE MEETING DATES

A. Board to consider action to set special meeting date(s)

B. Next regular meeting date: April 9, 2024

20. ADJOURNMENT

- ❖ Items on the Agenda may be taken in any order.
- ❖ Action may be taken on any item listed on the Agenda.
- ❖ Writings relating to open session: Agenda items that are distributed to members of the Board of Directors will be available for inspection at the District office, excluding writings that are not public records or are exempt from disclosure under the California Public Records Acts.

Americans with Disabilities Act of 1990: Under this Act, a qualifying person may request that the District provide a disability-related modification or accommodation in order to participate in any public meeting of the District. Such assistance includes alternative formats for the agendas and agenda packets used for any public meetings of the District. Requests for assistance shall be made in person, in written form, or via telephone by calling (209) 364-6136. Requests must be received at least 18 hours prior to a scheduled public meeting.

Investment Information Disclaimer: This agenda has been prepared as required by the applicable laws of the State of California, including but not limited to, Government Code Section 54950 et seq., and has not been prepared with a view to informing an investment decision in any of the District's bonds, notes, or other obligations. Any projections, plans, or other forward-looking statements included in the information in this agenda are subject to a variety of uncertainties that could cause any actual plans or results to differ materially from any such statement. The information herein is not intended to be used

by investors or potential investors in considering the purchase or sale of the District's bonds, notes or other obligations and investors and potential investors should rely only on information filed by the District on the Municipal Securities Rulemaking Board's Electronic Municipal Market Access System for municipal securities disclosures, maintained on the World Wide Web at <https://emma.msrb.org/>.

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CONSULTING ENGINEERS

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JAMES C. LINNEMAN

March 12, 2024

Mr. Patrick McGowan
Panoche Water District
52027 W. Althea Ave.
Firebaugh CA 93622

SUBJECT: Panoche Water District Distribution System Modernization Plan

Dear Patrick,

Summers Engineering, Inc. (SEI) is pleased to present this proposal for engineering services to develop a modernization plan for the Panoche Water District (District) distribution system. Our understanding is that the District is looking to develop a new, modernized irrigation distribution system that would conserve water, minimize operational costs, and allow for at least partial automation.

SEI will develop a Modernization Plan (Plan) that will provide alternatives to replace the District's primary distribution system. The Plan will focus on the following priorities:

- The system alternatives will minimize the reliance on pump stations.
- To the extent practical, the system alternatives will utilize pipelines. This allows for the retention of system pressure, reduction of the impact of wind-blown debris (such as leaves and tumble weeds), reduced need for aquatic weed treatments, and reduced need for operational adjustments.
- The system alternatives will allow for deliveries from all feasible water sources available to the District. This includes the California Aqueduct, the Delta-Mendota Canal, and practical direct connections to the other water and irrigation districts.

The Plan will include exhibits displaying the alternative(s) layout, an analysis of costs for the alternatives, and potential funding approaches for the implementation of the preferred alternative.

A modernization plan of this scope requires a substantial effort in analysis of the existing system and needs as well as research to develop appropriate alternatives and their associated costs. We estimate that the engineering fees to prepare this study will not exceed \$72,000. Due to the scope of the Plan and our existing workload, we anticipate the study will take approximately eight months to complete.

Please let us know if you have any questions.

Very truly yours,



Chris Linneman
Vice President

**PANOCHÉ WATER DISTRICT
BOARD OF DIRECTORS
MEETING MINUTES
FEBRUARY 20, 2024**

A regular meeting of the Board of Directors was held on February 20, 2024, starting at 9:51 am. Those present at the meeting were:

Directors: Aaron Barcellos, President
 Neill Callis, Director
 Beau Correia, Director (10:23 AM)
 Steve Fausone, Director
 Wayne Western, Director

Staff : Marlene Brazil, Accounting Supervisor
 Juan Cadena, Water Resources Manager
 Chris Carlucci, Maintenance Manager
 Josh Marquez, Contracts Administrator
 Patrick McGowan, General Manager
 Sandra Reyes, Water Master

Others: Michael Linneman, Linneman Ranches
 Palmer McCoy, GBA
 Phil Williams, Legal Counsel

CALL TO ORDER

President Barcellos called the meeting to order at 9:51 am.

ROLL CALL

A quorum of the Board of Directors was present.

POTENTIAL CONFLICTS OF INTEREST

There were no conflicts of interest.

PUBLIC COMMENT

There was no public comment.

ACTION ITEMS

THE BOARD TO REVIEW AND CONSIDER APPROVING THE JANUARY 9, 2024, REGULAR BOARD MEETING MINUTES

Upon a motion by Director Callis and seconded by Director Fausone, the Board approved the January 9, 2024, regular board meeting minutes. The vote on the motion was as follows:

Ayes: Barcellos, Callis, Fausone, Western
Nays: None
Absent: Correia
Abstain: None

FINANCIAL REPORT

- A. Accounts Payable**
- B. Monthly Financials**
- C. FYE 2024 Budget-to-Actual Report**
- D. Other Financial Matters Affecting the District**

Upon a motion by Director Callis and seconded by Director Fausone, the board approved the financial report as presented by Accounting Supervisor Mrs. Brazil. The vote on the motion was as follows:

Ayes: Barcellos, Callis, Fausone, Western
Nays: None
Absent: Correia
Abstain: None

THE BOARD TO REVIEW AND DISCUSS THE PROPOSED BUDGET FOR FISCAL YEAR ENDING FEBRUARY 28, 2025, AS WELL AS THE PROPOSED WY 2024-25 WATER RATE STRUCTURE

The board discussed the proposed budget and made a few suggestions, such as moving to a new budgeting format.

THE BOARD TO REVIEW AND APPROVE A 5-YEAR REPAYMENT AGREEMENT BETWEEN PANOCHÉ DRAINAGE DISTRICT AND PANOCHÉ WATER DISTRICT BEGINNING MARCH 1, 2024, FOR THE AMOUNT OF \$716,521.50, AS WELL AS ADOPT RESOLUTION #846-24 NEEDED FOR THIS ACTION

Upon a motion by Director Callis and seconded by Director Fausone, the board approved the 5-year repayment agreement between Panoche Water District and Panoche Drainage District, as well as approved Resolution #846-24 authorizing the execution of the repayment agreement. The vote on the motion was as follows:

Ayes: Barcellos, Callis, Correia, Fausone, Western
Nays: None
Absent: None
Abstain: None

THE BOARD TO REVIEW AND GIVE DIRECTION ON A DRAFT SUBSIDENCE MITIGATION POLICY ALONG THE DELTA-MENDOTA CANAL WITHIN THE SUSTAINABLE GROUNDWATER MANAGEMENT ACT'S DELTA-MENDOTA SUBBASIN

General Manager Patrick McGowan presented the Board of Directors with the Central Delta-Mendota Groundwater Sustainability (CDMGS) Subsidence policy. The southern DMC subsidence management area (SSMA) consists of 24,720 acres and is broken up into three regions A, B, and C. The policy is asking that wells not be pumped more than .25 AF/AC in any given year. The objective is for all of the Districts within zone 4 to adopt and implement this policy. Mr. McGowan also reported that the group is currently pursuing surface water imports to substitute well water curtailments.

The board gave Mr. McGowan the direction to provide a map showing the acreage affected for Panoche Water District, as well as a list of growers that are within the regions.

THE BOARD TO REVIEW AND APPROVE THE MULTI-YEAR WATER TRANSFER AGREEMENT BETWEEN LANDOWNER AND DISTRICT

General Manager Patrick McGowan explained that this multi-year transfer agreement would likely be utilized by a small group of growers within Panoche WD with minimal acreage. This agreement could assist landowners that do not farm their property with staying current on District fees.

After further discussion by the board, it was decided that this item would be tabled for this Water Year and brought back next water year, if applicable.

THE BOARD TO REVIEW AND CONSIDER APPROVING THREE PROPOSED WATER PURCHASE AGREEMENTS THAT WOULD HELP ADD TO THE DISTRICT'S SUPPLEMENTAL WATER SUPPLY

General Manager Patrick McGowan reported that the District had acquired the ability to purchase 7,500 AF of supplemental water from three separate agencies. The Board gave direction to enter into an agreement for one 2,500 AF block of water at this time.

After discussion by the board, it was decided that the District would approve the proposed water purchase, however would wait on making a decision on the other two proposals until the 2nd USBR Allocation had been announced in March.

Upon a motion by Director Callis and seconded by Director Fausone, the board approved the West Stanislaus water purchase and also proceeded to give Mr. McGowan the authority to negotiate on behalf of the District in regards to the other two proposals. The vote on the motion was as follows:

Ayes: Barcellos, Callis, Correia, Fausone, Western
Nays: None
Absent: None
Abstain: None

DIVISION REPORTS

A. Water Master Sandra Reyes gave the Water Supply Update as of February 1, 2024:

San Luis Reservoir Total Storage:	<u>1,239,583 AF</u>
San Luis Reservoir Federal Storage:	<u>842,278 AF</u>
San Luis Reservoir % of Total Capacity	<u>62%</u>

Panoche Update as of February 1, 2024:

USBR 2023 Water Balance:	<u>71,666 AF</u>
January, 2024 Deliveries:	<u>1,860 AF</u>
Total Deliveries to date (MAR-JAN):	<u>52,230 AF</u>

Ms. Reyes also reported on the following water department activities that occurred in January:

- The O&M Budget has met it's 45,000 AF target delivery base and has exceeded that total by 7,230 AF.
- A cash flow analysis was presented to the board for WY 2023-2024 with estimations for the remaining months.
- The January O&M and Interest billings were completed and mailed out on 2/15/2024.
- An e-mail reminder notice for the 700 Forms due for the different Districts will be sent out this month.
- The Water Department worked on finalizing and mailing out the water forms to the growers, such as water applications for next year, rescheduled water requests, supplemental water requests, water allocation forms, crop reports for WY2023-24, and crop maps for WY 2024-25.
- Helped work on the O&M Budget and continued working on the Water Rate Cost budget.
- Ms. Reyes also noted that closing out the year end of the water year would be the focus – such as closing out grower water balance statements and creating ones for the new water year, allocating rescheduled and new water categories and invoicing, starting the water inventory and rate assignment spreadsheets for the auditor for WY 2023-24.

B. Maintenance Manager Chris Carlucci reported on the following operations and maintenance activities that occurred in January:

- General Maintenance.
- Installed new staircase at 10E-2 turnout.
- Milllux ditch was cleaned out and ready for new liner.
- Repaired head gates at 208 box lateral 2.
- Weed Control – sprayed sterilant at PWD yard and homes, Russell turnout, Laterals 2 & 3.
- Still making repairs to all PWD mainline meters and filter station meters.
- Had facility inspections with County of Fresno Public Health at PWD shops and PWD water treatment facility. Everything went well and we did Pass inspections.
- Preventative Pump Maintenance Plan. (work in progress)
- Equipment Replacement Forecast Plan. (work in progress)

Mr. Carlucci presented the board with a copy of both the preventative pump maintenance plan and the equipment replacement forecast plan and answered any questions.

C. General Manager Patrick McGowan reported on the following Domestic Water Treatment Plant activities that occurred in January:

- Mr. McGowan explained that Jim Gartung Engineering is working to finalize the cost analysis for his preliminary engineering report and has identified that there are minimal savings associated with downsizing the proposed treatment plant upgrade .
- The next Water Quality JPA Board meeting is scheduled in March and the District will proposing the specifics involved in making an additional connection to the JPA's pipeline. District staff have been in contact with JPA engineer regarding pipeline conveyance capacity requirements and do not anticipate any further issues.
- Engineer Jim Gartung stated that making the adjustments to the current design to accommodate this proposed expansion would be relatively easy and would not add significantly to the cost of the current project.
- Mr. McGowan also explained that he had spoken with Joel Greathouse and Matthew Freese from the State Water Resource Control Board recently regarding the potential addition of the 40 service connections from the Russell Avenue community and presented an e-mail to the board that he had sent to the SWRCB after their phone conversation.

D. Contracts Administrator Josh Marquez reported on the following ethics, compliance, and risk management activities that occurred in January:

Ethics and Compliance:

- Mr. Marquez attended the live, virtual Government Contracting, Compliance, and Ethics Conference hosted by the Society of Corporate Compliance and Ethics.
- No calls were reported on the Speak-Up Hotline.

Risk Management

- Mrs. Amy McDougal from ClearResources trained Mr. McGowan and myself on the parameters of the Risk Management Assessment. The assessment is hereby included for review. This assessment is a living document that continues to be shaped by the administrative updates and implementations of our District policies and adherence to all laws.

Mr. Marquez also informed the board that the company Safety Compliance was working well and had already set up the calendar for the year for the meetings/trainings necessary for the District.

E. Accounting Supervisor Marlene Brazil reported on the following human resources activities that occurred in January:

Workers Compensation:

- One Employee remains on modified duty.
- One Employee has returned full-time from modified duty.

Other Matters: No Other Matters to report.

THE BOARD TO RECEIVE AN UPDATE ON THE USBR WATER SMART GRANT PROJECT FOR THE CONTOUR CANAL AND EXPENSES

- Mr. Marquez reported that he, Patrick McGowan, and Chris Linneman attended a meeting with USBR staff.
- The cultural resource evaluation, that is required by the USBR for NEPA coverage is underway. This process will take the longest to complete, a period of 90 days, or so. The USBR is developing the NEPA document and SEI will complete a categorical exemption for CEQA coverage.
- The surveying for the design is complete and initial drawings are underway. Contract documents and drawing should be ready mid-summer with an expected bid-date sometime in October. Construction should begin November/December and completed before March 1st. This date would be dependent on the USBR completing it's NEPA process before the fall.

Mr. Marquez presented the board with a memorandum that let them know for the month of January, a total of 11 surplus vehicles had been sold through GovDeals.com for a grand total of \$ 16,123. All vehicles have been picked up by the winning bidders.

BOARD TO RECEIVE UPDATES FROM STAFF ON VARIOUS MATTERS AFFECTING THE DISTRICT

Staff reported on various items that had been completed on the Action Items List from the previous board meeting held on January 9, 2024. Mr. McGowan let the board know that the employee handbook is currently being worked on by Accounting Supervisor, Marlene Brazil and will be presented to the board soon.

At 11:55 am, President Barcellos announced that the meeting would take a break for the Panoche Water District Grower Workshop being held at noon.

At 1:03 pm, President Barcellos called the meeting to order and the board meeting was resumed.

GENERAL MANAGER'S REPORT

GM McGowan gave the following manager update for December:

A. Sustainable Groundwater Management Act

General Manager Patrick McGowan presented the Board of Directors with the Central Delta-Mendota Groundwater Sustainability (CDMGS) Subsidence policy. The southern DMC subsidence management area (SSMA) consists of 24,720 acres and is broken up into three regions A, B, and C. The policy looks to enforce that wells not pump more than .25 AF/AC in any given year. The objective is for all of the Districts within zone 4 to adopt and implement this

policy. Mr. McGowan also reported that the group is currently pursuing surface water imports to substitute well water curtailments. Mr. McGowan asked that any additional feedback be expedited to ensure all concerns are addressed in future conversations regarding the draft policy.

B. Los Vaqueros Expansion Project

Mr. McGowan stated that the project is moving along, but there have been no significant changes. Talks are being held to gauge Panoche Water District's interest and the associated benefits of participation. Mr. McGowan noted that we are still within range to opt out of participating in the Los Vacqueros Expansion Project.

C. Water Storage and Conveyance Discussions: Mr. McGowan will provide update in closed session.

D. San Luis Delta Mendota Water Authority

Mr. McGowan reported that the USBR, SLDMWA, and Friant are working on a memorandum of Understanding (MOU), that also has a drought plan. Within the MOU, 5% of our water allocation would be in reserves for us to be able to draw from in multiple water years and would be subject to spills. This water supply could be added to our Supplemental water supply in future years. This year we are experimenting in a pilot program for 2.5%, or 2,350 AF currently stored in San Luis Reservoir. The pilot program, however, will not affect the District's rescheduling AF amount of 9,400 AF. Losses and spills within the pilot program are still being discussed.

E. Other:

Mr. McGowan presented the board with a draft of the merit policy from the new employee Handbook and pointed out that the policy looks at several different factors, such as tenure – evaluations – workload parameters, as examples.

REPORTS ON OTHER ITEMS PURSUANT TO GOVERNMENT CODE SECTION 54954.2(a)(3)

No other items.

FUTURE MEETING DATES

A. Next Regular Meeting Date: April 9, 2024

PANOCHÉ WATER DISTRICT CLOSED SESSION:

At 12:19 pm, the board met in closed session to have discussions with legal counsel related to anticipated and existing litigation. At 1:19 PM, Mr. Williams reported that no reportable actions were taken in Closed session.

PANOCHÉ WATER AND DRAINAGE DISTRICTS JOINT CLOSED SESSION: Conference with Legal Counsel

At 1:19 pm, the Boards met in Closed Session to meet with legal counsel related anticipated litigation. At 1:20 pm, Mr. Williams reported that no reportable actions were taken in Closed session.

ADJOURNMENT

With no further business, President Barcellos adjourned the meeting at 1:30 pm.

Aaron Barcellos, President

Steve Fausone, Secretary

PANOCHÉ WATER DISTRICT				
ACCOUNTS PAYABLE LIST				
PAYMENTS RUN FROM 2/21/2024 thru 3/12/2024				
MECHANICS O & M CHECKING # 8566				
DATE	CHECK NUMBER	NAME	CHECK AMOUNT	MEMO
2/21/2024	41774	BAKER MANOCK & JENSEN	\$ 151.86	JANUARY 2024 LEGAL SERVICE
2/21/2024	41775	FENNEMORE DOWLING	\$ 113.00	JANUARY 2024 LEGAL SERVICE
2/21/2024	41776	FENTON & KELLER	\$ 719.00	DECEMBER 2023 & JANUARY 2024 LEGAL SERVICE
2/21/2024	41777	SAGASER, WATKINS & WIELAND PC	\$ 105.00	JANUARY 2024 LEGAL SERVICE
2/27/2024	41778	APPL, INC.	\$ 72.00	WATER SAMPLES - GBP
2/27/2024	41779	BAKER SUPPLIES	\$ 16.20	PARTS FOR # 65A
2/27/2024	41780	BEDROCK ENGINEERING	\$ 20,701.50	CONTOUR CANAL LINING PROJECT
2/27/2024	41781	JUSTIN'S TIRE & AUTO	\$ 821.60	MAINTENANCE FOR # 07A & # 02, REPAIRS FOR # 6B & # 13A
2/27/2024	41782	CLARK PEST CONTROL	\$ 652.00	PEST CONTROL DISTRICT HOUSES, SHOP & OFFICE
2/27/2024	41783	DON'S MOBILE GLASS	\$ 670.00	WINDSHIELD REPLACEMENT # 01AA
2/27/2024	41784	EMPLOYERS CHOICE	\$ 754.60	CLEAN CANALS
2/27/2024	41785	FEDERAL EXPRESS	\$ 552.47	SHIPPING - WATER SAMPLES GBP
2/27/2024	41786	FIELDMAN, ROLAPP & ASSOCIATIES, INC.	\$ 2,500.00	BOND - ANNUAL DEBT TRANSPARENCY REPORT & MARKS-ROOS STATUS REPORT
2/27/2024	41787	CORELOGIC INFORMATION SOLUTIONS	\$ 200.00	APN RESEARCH FOR JANUARY 2024
2/27/2024	41788	HACH COMPANY	\$ 2,832.84	BATTERY - DOMESTIC WATER TREATMENT PLANT
2/27/2024	41789	HOFFMAN SECURITY	\$ 694.80	SECURITY FOR DISTRICT
2/27/2024	41790	HOME DEPOT CREDIT SERVICES	\$ 1,118.65	DISTRICT SUPPLIES
2/27/2024	41791	FERRELLGAS	\$ 16.31	HOSE FOR PORTABLE BURNER
2/27/2024	41792	MACHADO BACKHOE INC.	\$ 3,207.72	CANAL GATE STRUCTURE & CONCRETE BOXES
2/27/2024	41793	MARFAB	\$ 130.45	PARTS FOR # 65A
2/27/2024	41794	MERCED COUNTY REGIONAL WASTE MANAGEMENT AUTH	\$ 88.77	WASTE DISPOSAL HOUSE # 7
2/27/2024	41795	NAPA AUTO PARTS	\$ 19.51	PARTS FOR # 31C
2/27/2024	41796	SAVEMART	\$ 609.17	SUPPLIES FOR OFFICE
2/27/2024	41797	SPRAYTEC	\$ 71.11	SPRAY TIP FOR # 42
2/27/2024	41798	SWRCB ACCOUNTNG OFFICE	\$ 601.00	DRINKING WATER PROGRAM FEES 23/24
2/27/2024	41799	UNWIRED BROADBAND, INC.	\$ 384.83	FEBRUARY 2024 INTERNET SERVICE
2/27/2024	41800	WATER RECLAMATION	\$ 16,169.44	CHECK SUBMERSIBLE PUMP SE CORNER AQUEDUCT & SHIELDS, PULL, REPAIR & INSTALL PUMP/MOTOR ST # 1 PUMP # 1, CHLORINE FOR HOUSE # 7, MATERIALS FOR # SJ65A & REPLACE OIL DRIPPER ST # 1 PUMP # 2
2/27/2024	41801	WESTAIR GASES & EQUIP, INC.	\$ 522.10	OXYGEN & ACETYLENE FOR THE SHOP
3/12/2024	41802	ACWA/JPIA	\$ 33,363.53	APRIL 2024 INSURANCE HEALTH \$ 30,883.38, DENTAL \$ 2,039.11, VISION \$ 352.64 & LIFE \$ 88.40
3/12/2024	41803	APPL, INC.	\$ 36.00	WATER SAMPLES - GBP
3/12/2024	41804	BAKER SUPPLIES	\$ 35.00	PARTS FOR # SJ65B
3/12/2024	41805	AARON BARCELLOS	\$ 500.00	BOARD STIPEND
3/12/2024	41806	BCT CONSULTING	\$ 1,788.04	FEBRUARY 2024 IT SERVICES
3/12/2024	41807	EDWARD NEILL CALLIS	\$ 500.00	BOARD STIPEND
3/12/2024	41808	BEAU CORREIA	\$ 500.00	BOARD STIPEND
3/12/2024	41809	STEVE FAUSONE	\$ 500.00	BOARD STIPEND
3/12/2024	41810	FORK LIFT SPECIALTIES, INC.	\$ 221.68	SERVICE # 31C
3/12/2024	41811	FRASIER IRRIGATION INC.	\$ 170.00	REPAIR METER PIPES
3/12/2024	41812	FRESNO COUNTY TAX COLLECTOR	\$ 236.23	PROPERTY TAX FOR DISTRICT HOUSING
3/12/2024	41813	FRONTIER COMMUNICATIONS	\$ 466.85	FEBRUARY 2024 TELEPHONE SERVICE
3/12/2024	41814	PAUL FUJITANI	\$ 2,000.00	MARCH 2024 CONSULTING SERVICE
3/12/2024	41815	HOFFMAN SECURITY	\$ 347.40	DISTRICT SECURITY SERVICES
3/12/2024	41816	ISOLVED BENEFIT SERVICES	\$ 625.99	COBRA ADMINISTRATION 24/25

DATE	CHECK NUMBER	NAME	CHECK AMOUNT	NAME
3/12/2024	41817	MARFAB	\$ 32.41	PARTS FOR # 65A
3/12/2024	41818	JOSH MARQUEZ	\$ 210.00	MILEAGE REIMBURSEMENT FOR TRAINING
3/12/2024	41819	DIANA MOSES	\$ 51.24	MILEAGE REIMBURSEMENT
3/12/2024	41820	PACIFIC GAS & ELECTRIC	\$ 55,075.01	FEBRUARY 2024 ELECTRICAL SERVICE
3/12/2024	41821	PURCHASE POWER	\$ 47.70	FEES
3/12/2024	41822	RICK'S SMOG SHOP	\$ 50.00	SMOG TEST # 13A
3/12/2024	41823	SAFETY COMPLIANCE COMPANY	\$ 275.00	SAFETY MEETINGS
3/12/2024	41824	SUMMERS ENGINEERING INC.	\$ 1,689.35	CONTOUR CANAL LINING PROJECT
3/12/2024	41825	TECHNO FLO	\$ 4,082.43	FLOW METER FOR 500E
3/12/2024	41826	UNWIRED BROADBAND, INC.	\$ 389.99	MARCH 2024 INTERNET SERVICE
3/12/2024	41827	WATER RECLAMATION	\$ 1,044.68	REPAIR CONDUIT SITE B WATER SAMPLER
3/12/2024	41828	WAYNE WESTERN JR.	\$ 500.00	BOARD STIPEND
3/12/2024	41829	WINDECKER INC.	\$ 5,601.66	1,465 GALLONS UNLEADED @ \$ 3.82
2/14/2024	W000000902	SAN LUIS DELTA MENDOTA WATER AUTHORITY	\$ 84,764.39	JANUARY 2024 SLDMWA CONVEYANCE COSTS SLC \$ 73,401.25 & DMC \$ 11,363.14
2/14/2024	W000000903	US BUREAU OF RECLAMATION	\$ 87,931.51	JANUARY 2024 USBR WATER COSTS SLC \$ 50,223.49 & DMC \$ 19,745.76, RESTORATION WATER COSTS SLC \$ 11,321.83 & DMC \$ 6,640.43
2/14/2024	W000000904	SAN LUIS DELTA MENDOTA WATER AUTHORITY	\$ 112,230.00	DHCCP DEBT SERVICE
2/16/2024	W000000905	SAN LUIS DELTA MENDOTA WATER AUTHORITY	\$ 123,900.00	LOS VAQUEROS EXPANSION PROJECT
2/22/2024	W000000906	U.S. BANK TRUST N.A.	\$ 278,547.47	PFA REVENUE BOND INTEREST SERIES 2021A \$ 171,851.72 & 2021B \$ 106,695.75
2/27/2024	W00000911	WESTAMERICA VISA	\$ 1,933.40	GBP SAMPLING, EFILING FEES STATE & FEDERAL PAYROLL TAX REPORT, STAFF LUNCH, 1099 EFILING, FUEL FOR VEHICLES, DISTRICT EMAILS, GAS KEY, BOARD MEETING LUNCH, AMAZON - DISTRICT SUPPLIES, CAR WASH # 18A, MEALS & LODGING FOR WATER USER CONFERENCE, BACKPACK SPRAYER & CHATGBT MONTHLY FEE
		TOTAL	\$ 854,142.89	
MECHANICS PAYROLL CHECKING # 7895				
DATE	CHECK NUMBER	NAME		MEMO
2/16/2024	JE-283	EMPLOYMENT DEVELOPMENT DEPARTMENT	\$ 2,712.82	STATE PAYROLL TAX DEPOSIT
2/16/2024	JE-284	INTERNAL REVENUE SERVICE	\$ 13,339.09	FEDERAL PAYROLL TAX DEPOSIT
2/16/2024	JE-285	JOHN HANCOCK	\$ 6,043.82	401K RETIREMENT
2/16/2024	PR-1500	NET PAYROLL	\$ 41,371.28	PAYROLL DATED 2/20/2024
2/27/2024	3336	PRINCIPAL LIFE INSURANCE COMPANY	\$ 493.20	MARCH 2024 EMPLOYEE PAID INSURANCE
3/4/2024	JE-2	EMPLOYMENT DEVELOPMENT DEPARTMENT	\$ 2,340.90	STATE PAYROLL TAX DEPOSIT
3/4/2024	JE-3	INTERNAL REVENUE SERVICE	\$ 12,837.72	FEDERAL PAYROLL TAX DEPOSIT
3/4/2024	JE-4	JOHN HANCOCK	\$ 5,931.65	401K RETIREMENT
3/4/2024	PR-1501	NET PAYROLL	\$ 41,195.52	PAYROLL DATED 3/5/2024
		TOTAL	\$ 126,266.00	

PANOCHÉ WATER DISTRICT
TREASURER'S MONTHLY FINANCIAL REPORT
BALANCE SHEET-CURRENT ASSETS & LIABILITIES

	INTEREST RATE	<u>February 29, 2024</u>	<u>January 31, 2024</u>
CURRENT LIABILITIES			
ACCOUNTS PAYABLE		\$515,252	\$819,396
PREPAYMENTS/CREDIT ACCOUNTS		-	-
TOTAL CURRENT LIABILITIES		\$515,252	\$819,396
CASH AND INVESTMENT ACCOUNTS			
O&M CHECKING		\$257,004	\$395,543
PAYROLL CHECKING		\$16,574	\$18,065
MONEY MARKET	4.28%	\$8,539,485	\$7,514,066
CONTRACTUAL OBLIGATION FUND MONEY MARKET	4.28%	\$1,252,392	\$1,526,135
LAIF	4.00%	\$160,309	\$160,309
2021 REVENUE BONDS - LAIF RESTRICTED	4.00%	\$1,221,371	\$1,221,371
TOTAL CASH AND INVESTMENTS		\$11,447,134	\$10,835,488
ACCOUNTS RECEIVABLES			
WATER		(\$202,574)	(\$369,591)
GROUNDWATER MANAGEMENT FEE		-	-
DELINQUENT ACCOUNT CHARGES		\$395,137	\$831,223
OTHER		\$10	-
GBA NOTE RECEIVABLE		-	\$17,419
PDD NOTE RECEIVABLE		-	\$12,810
CASH ADVANCE - PROP 84 (INCLUDES INTEREST 7/1/2023 THRU 12/31/2023)		\$2,051,437	\$3,016,043
TOTAL ACCOUNTS RECEIVABLES		\$2,244,010	\$3,507,904
TOTAL CURRENT UNAUDITED ASSETS		\$13,691,144	\$14,343,392
NET CURRENT UNAUDITED ASSETS (NET CASH POSITION)		\$13,175,892	\$13,523,996

General Ledger Detail Report
Summary Report for Period 01 Thru 12 Ending 2/29/2024

PANOCHÉ WATER DISTRICT (PWD)

Account Number/Description	Beginning Balance	Debit	Credit	Net Change	Ending Balance
13112-000					
MECHANIC CKNG #*****8566	191,704.46	30322822.62	30257523.38	65,299.24	257,003.70
13132-000					
MECHANIC MM # 2305	0.00	10587485.11	2,048,000.00	8,539,485.11	8,539,485.11
13412-000					
MECHANIC PR#*****7895	23,847.54	1,650,136.93	1,657,410.79	7,273.86-	16,573.68
13465-000					
2021 REVENUE BONDS - LAIF	1,181,119.41	40,251.36	0.00	40,251.36	1,221,370.77
13470-000					
CONTRACTUAL OBLIGATION FUND #9745	760,413.07	1,421,455.54	929,477.02	491,978.52	1,252,391.59
13520-000					
LOCAL AGENCY INVESTMENT FD	4,194,980.79	50,328.67	4,085,000.00	4,034,671.33-	160,309.46
Report Total:	6,352,065.27	44072480.23	38977411.19	5,095,069.04	11447134.31

INTER-DISTRICT ACCOUNT RECONCILIATION
NON-AUDITED
March 12, 2024

PWD	
PANOCHÉ WATER DISTRICT ACCOUNTS/NOTES RECEIVABLE	
GBA NOTE PAYABLE (1.75% INTEREST OVER 5 YEARS)	\$ 1,201,924
PANOCHÉ DRAINAGE DISTRICT OUTSTANDING INVOICES (AR)	\$ 716,520
PANOCHÉ DRAINAGE DISTRICT NOTE PAYABLE FOR 1/2 OUTSTANDING INVOICES (3.00% INTEREST OVER 5 YEARS)	\$ 716,522
PROP 84 CASH ADVANCES (INCLUDES INTEREST FROM 7/1/2023 THRU 12/31/2023)	\$ 2,051,437
PDD NOTE PAYABLE ON ORIGINAL \$ 712,930.00 (10 MONTHLY PYMTS LEFT - 3.00% INTEREST)	\$ 113,866
Balance	\$ 4,800,269

PDD	
PANOCHÉ DRAINAGE DISTRICT ACCOUNTS/NOTES PAYABLE	
PANOCHÉ DRAINAGE DISTRICT OUTSTANDING INVOICES	\$ 716,520
PANOCHÉ DRAINAGE DISTRICT NOTE PAYABLE FOR 1/2 OUTSTANDING INVOICES (3.00% INTEREST OVER 5 YEARS)	\$ 716,522
PDD NOTE PAYABLE ON ORIGINAL \$ 712,930.00 (10 MONTHLY PYMTS LEFT - 3.00% INTEREST)	\$ 113,866
Balance	\$ 1,546,908

PDD/PROP 84	
PROP 84 ACCOUNTS PAYABLE (ORIGINALLY PAID BY THESE ENTITIES AT PROP 84 STARTUP)	
PANOCHÉ WATER DISTRICT (CASH ADVANCES INCLUDES INTEREST FROM 7/1/2023 THRU 12/31/2023)	\$ 2,051,437
Balance	\$ 2,051,437

PDD PROP 84 FUNDING STATUS	
GRANT AMOUNT	\$ 34,162,400
REQUESTED FUNDS	\$ 18,181,637
FUNDS AVAILABLE	\$ 15,980,763

DESKTOP>BREAKDOWN OF AR.NR.NP 10.31.2032

PANOCHÉ WATER DISTRICT

BANK ACCOUNT BALANCES THRU 2.29.2024

13112-000		
MECHANIC CKNG #*****8566	\$	257,003.70
13132-000		
MECHANIC MM # 2305	\$	8,539,485.11
13412-000		
MECHANIC PR#*****7895	\$	16,573.68
13465-000		
2021 REVENUE BONDS - LAIF	\$	1,221,370.77
13470-000		
CONTRACTUAL OBLIGATION FUND #9745	\$	1,252,391.59
13520-000		
LOCAL AGENCY INVESTMENT FD	\$	160,309.46

Report Total: \$ 11,447,134.31

EXPECTED EXPENSES FOR 2024 - 2025		
RESERVE BALANCE AVAILABLE	\$ 8,694,794.57	
CONTOUR CANAL EXPENSES	\$ 1,273,986.00	OUR PORTION OF EXPENSES FOR 2024 - 2025
GRASSLAND BASIN AUTHORITY	\$ 4,500,000.00	WESTSIDE MODERNIZATION
RESERVE BALANCE AFTER EXPENDITURES	\$ 2,920,808.57	

PANOCHÉ WATER DISTRICT Budget to Actual March 1, 2023 thru February 29, 2024 - 100%					
BOD Approved Mar. 1, 2023 BOD Adopted Apr. 18, 2023, after Prop 218 Process		Approved Budget 2023-2024	Actual thru February 2024	Remaining	
Operating Revenues					
1	Supplemental Water	\$ 8,937,467	\$ 8,361,889	\$ 575,578	6%
2	Operation & Maintenance	\$ 5,784,364	\$ 6,594,307	\$ (809,943)	-14%
3	Fresno/Merced Counties - 2021 CVP Bond	\$ 1,303,892	\$ 1,389,776	\$ (85,884)	-7%
4	Labor Reimbursements	\$ 350,079	\$ 301,297	\$ 48,782	14%
5	Other Revenue	\$ 125,416	\$ 615,803	\$ (490,387)	-391%
6	Reimbursed Expenses	\$ 340,000	\$ 268,244	\$ 71,756	21%
7	Domestic Water Treatment Plant	\$ 174,000	\$ 125,527	\$ 48,473	28%
8	Sustainable Groundwater Management ¹	\$ 4,852	\$ -	\$ 4,852	100%
9	CVP AG Water Contract (80%)	\$ 6,075,000	\$ 2,650,500	\$ 3,424,500	56%
Total Revenue		\$ 23,095,070	\$ 20,307,343	\$ 2,787,727	12%
Operating Expenses					
Water Costs					
10	Supplemental Water	\$ 8,937,467	\$ 7,274,824	\$ 1,662,643	19%
11	Planning & Engineering	\$ 57,000	\$ 33,829	\$ 23,171	41%
12	Los Vaqueros Expansion	\$ 224,500	\$ 461,693	\$ (237,193)	-106%
13	BF Sisk Expansion	\$ 366,500	\$ 2,301	\$ 364,199	99%
14	Central Delta-Mendota Region SGMA ¹	\$ 4,852	\$ (3,136)	\$ 7,988	165%
15	CVP AG Water Contract (80%)	\$ 6,075,000	\$ 1,281,789	\$ 4,793,211	79%
		\$ 15,665,319	\$ 9,051,300	\$ 6,614,019	42%
Administration					
16	2021 CVP Bond Payment	\$ 929,978	\$ 929,978	\$ -	0%
17	Legal Costs	\$ 250,000	\$ 490,367	\$ (240,367)	-96%
18	2021 CVP Bond Assessment Refund	\$ -	\$ -	\$ -	0%
19	Salaries and Wages	\$ 686,975	\$ 540,466	\$ 146,510	21%
20	Employees' Benefits	\$ 198,151	\$ 171,527	\$ 26,624	13%
21	SLDMWA Activity Agreements	\$ 106,863	\$ 106,620	\$ 243	0%
22	SLDMWA DHCCP Bond Payment	\$ 148,592	\$ 44,234	\$ 104,358	70%
23	Directors' Benefits	\$ 36,000	\$ 30,000	\$ 6,000	17%
24	Insurance Costs	\$ 95,000	\$ 94,149	\$ 851	1%
25	SWRCB Water Rights Fee	\$ 125,000	\$ 128,013	\$ (3,013)	-2%
26	Other Supplies & Services	\$ 106,500	\$ 92,366	\$ 14,134	13%
27	Payroll Burden	\$ 85,268	\$ 79,593	\$ 5,675	7%
28	Professional Services	\$ 78,000	\$ 234,245	\$ (156,245)	-200%
29	Annual Audits	\$ 40,000	\$ 40,000	\$ -	0%
30	Communication Costs	\$ 45,000	\$ 44,901	\$ 99	0%
31	Conferences and Training Costs	\$ 45,000	\$ 8,862	\$ 36,138	80%
32	Utilities	\$ 45,000	\$ 62,925	\$ (17,925)	-40%
		\$ 3,021,328	\$ 3,098,246	\$ (76,918)	-3%

BOD Approved Mar. 1, 2023 BOD Adopted Apr. 18, 2023, after Prop 218 Process		Proposed Budget 2023-2024	Actual thru February 2024	Remaining	
Operations & Maintenance					
33	Energy Costs	\$ 1,795,500	\$ 1,282,978	\$ 512,522	29%
34	Salaries and Wages	\$ 915,001	\$ 845,343	\$ 69,658	8%
35	Employees' Benefits	\$ 325,888	\$ 268,286	\$ 57,602	18%
36	Pumps & Structures Repairs	\$ 241,000	\$ 274,604	\$ (33,604)	-14%
37	Payroll Burden	\$ 153,734	\$ 124,492	\$ 29,242	19%
38	Reimbursable Expenses	\$ 340,000	\$ 86,535	\$ 253,465	75%
39	Chemical Application	\$ 111,000	\$ 107,456	\$ 3,544	3%
40	Domestic Water Treatment Plant	\$ 174,000	\$ 174,683	\$ (683)	0%
41	Fuel & Oil costs	\$ 145,000	\$ 86,164	\$ 58,836	41%
42	Capital Cost - Depreciation	\$ -	\$ -	\$ -	0%
43	Equipment repairs	\$ 100,000	\$ 99,472	\$ 528	1%
44	Vehicle repairs & Maintenance	\$ 40,000	\$ 42,655	\$ (2,655)	-7%
45	Buildings Repairs & Maintenance	\$ 50,000	\$ 37,654	\$ 12,346	25%
46	Laboratory - Water Testing	\$ 17,300	\$ 2,581	\$ 14,719	85%
		\$ 4,408,423	\$ 3,432,903	\$ 975,520	22%
Total Expenses		\$ 23,095,070	\$ 15,582,449	\$ 7,512,621	33%
Net Revenue/(Deficit)		\$ -	\$ 4,724,894	\$ (4,724,894)	
		Current O&M²	Water Rate³	Acreage Rate⁴	
Water Cost		\$ 128.54	\$ 110.47	\$ 21.22	
Total Delivered Water Cost			\$ 246.00		
			\$ 356.47		
¹ SGMA costs historically billed on an acreage basis ² FYE 2023-24 proposed O&M Rate assumes 45,000 acre-feet of deliveries ³ Potential Water Rate assumes 45,000 acre-feet of deliveries ⁴ Potential Acreage Rate assumes 38,317 acres					

Steve Fausone

March 1, 2024

Review Period: 1/6/2024 – 2/6/2024

Statement and documentation made available: 3/1/2024

I have reviewed the credit card documentation for the Westamerica Bank VISA account ending in 8512.

Included in the packet were credit card statement detail and supporting documentation. Activity for this time period include charges from the following cardholders:

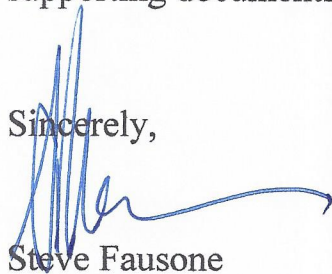
Mr. Patrick McGowan – General Manager

Mr. Juan Cadena – Director of Operations

Mr. Chis Carlucci

All charges reviewed appear to be valid district related expenses complete with supporting documents.

Sincerely,



Steve Fausone

PANOCHÉ WATER DISTRICT
AGED ACCOUNTS RECEIVABLE - Delinquent
As Of 2/29/2024

Name	31-60 Days	61-90 Days	Over 90 Days	Total A/R
Brown, Lupe	21.96	-	24.49	46.45
Cardella, Michelle	1,242.64	-	-	1,242.64
Correia, Beau and Katherine	149.02	-	-	149.02
Correia 2015 Living Trust	6,869.33	183.65	12,575.39	19,628.37
Hanna M&M Family Trust	23,255.82	22,140.00	8,766.61	54,162.43
Harvest Point, LLC	-	-	101.47	101.47
Imperial Merchants USA, LLC	-	-	31.48	31.48
John S. Diedrich Farms	-	13,019.96	-	13,019.96
Kenneth Bethel 2015 Trust	-	97.77	75.96	173.73
KOW, L.P.	1,697.60	-	-	1,697.60
LeCompte, John	3,394.35	-	-	3,394.35
Linneman Ranches, Inc.	-	-	2.04	2.04
Nyman Family	2,470.80	2,853.60	18,722.40	24,046.80
Nyman, Brad & Kristi	11,799.99	1,932.93	127,132.15	140,865.07
Nyman, Ms. Rebecca	10,787.36	170.68	116,979.64	127,937.68
Old Oak Land Company	1,690.39	-	-	1,690.39
Raymond & Rose Hector Trust	1,671.82	-	-	1,671.82
Water Reclamation	-	-	5,276.18	5,276.18
	65,051.08	40,398.59	289,687.81	395,137.48
<u>Other</u>	-	-	-	-
Total Accounts - Delinquent	65,051.08	40,398.59	289,687.81	395,137.48

Notes:

Diedrich made a payment for \$13,415.99 on 3/5/24.

Hanna made a payment of \$61,245.69 on 3/5/24.

Old Oak Land Co. made a payment of \$1,715.74 on 3/1/24.

E-mailed over to Melinda to process for payment.

Water Reclamation has to bill entities to recoup payment / Will pay once collected

Correia Loan 2 - Amended

Compound Period: Annual

Nominal Annual Rate: 3.000%

CASH FLOW DATA

Event	Date	Amount	Number	Period	End Date
1 Loan	9/17/2015	94,385.65	1		
2 Payment	9/17/2015	18,877.13	1		
3 Payment	9/17/2016	2,265.26	1		
4 Payment	9/17/2017	2,265.26	1		
5 Payment	9/17/2018	2,265.26	1		
6 Payment	9/17/2019	2,265.26	1		
7 Payment	9/17/2020	2,265.26	1		
8 Payment	9/17/2021	20,313.83	4 Annual		*9/17/2025

AMORTIZATION SCHEDULE - Normal Amortization

	Date	Payment	Interest	Principal	Balance
Loan	9/17/2015				94,385.65
1	9/17/2015	18,877.13	0.00	18,877.13	75,508.52
2015 Totals		18,877.13	0.00	18,877.13	
2	9/17/2016	2,265.26	2,265.26	0.00	75,508.52
2016 Totals		2,265.26	2,265.26	0.00	
3	9/17/2017	2,265.26	2,265.26	0.00	75,508.52
2017 Totals		2,265.26	2,265.26	0.00	
4	9/17/2018	2,265.26	2,265.26	0.00	75,508.52
2018 Totals		2,265.26	2,265.26	0.00	
5	9/17/2019	2,265.26	2,265.26	0.00	75,508.52
2019 Totals		2,265.26	2,265.26	0.00	
6	9/17/2020	2,265.26	2,265.26	0.00	75,508.52
2020 Totals		2,265.26	2,265.26	0.00	
7	9/17/2021	20,313.83	2,265.26	18,048.57	57,459.95
2021 Totals		20,313.83	2,265.26	18,048.57	
8	9/17/2022	20,313.83	1,723.80	18,590.03	38,869.92
2022 Totals		20,313.83	1,723.80	18,590.03	
*9	9/17/2023	1,166.10	1,166.10	0.00	38,869.92
2023 Totals		1,166.10	1,166.10	0.00	
10	9/17/2024	19,147.73	0.00	19,147.73	19,722.19
2024 Totals		19,147.73	0.00	19,147.73	
11	9/17/2025	20,313.83	591.64	19,722.19	0.00
2025 Totals		20,313.83	591.64	19,722.19	

*Board of Directors approved amendment to allow interest only payment for 2023 year.

*Approval noted in PWD minutes June 19, 2023.

Correia Loan 1 - Amended

Compound Period: Annual

Nominal Annual Rate: 3.000%

CASH FLOW DATA

Event	Date	Amount	Number	Period	End Date
1 Loan	2/28/2015	143,342.59	1		
2 Payment	2/28/2015	28,668.52	1		
3 Payment	2/29/2016	3,440.22	1		
4 Payment	2/28/2017	3,440.22	1		
5 Payment	2/28/2018	3,440.22	1		
6 Payment	2/28/2019	3,440.22	1		
7 Payment	2/28/2020	3,440.22	1		
8 Payment	2/28/2021	30,850.43	4 Annual		*2/29/2025

AMORTIZATION SCHEDULE - Normal Amortization

	Date	Payment	Interest	Principal	Balance
Loan	2/28/2015				143,342.59
1	2/28/2015	28,668.52	0.00	28,668.52	114,674.07
2015 Totals		28,668.52	0.00	28,668.52	
2	2/29/2016	3,440.22	3,440.22	0.00	114,674.07
2016 Totals		3,440.22	3,440.22	0.00	
3	2/28/2017	3,440.22	3,440.22	0.00	114,674.07
2017 Totals		3,440.22	3,440.22	0.00	
4	2/28/2018	3,440.22	3,440.22	0.00	114,674.07
2018 Totals		3,440.22	3,440.22	0.00	
5	2/28/2019	3,440.22	3,440.22	0.00	114,674.07
2019 Totals		3,440.22	3,440.22	0.00	
6	2/28/2020	3,440.22	3,440.22	0.00	114,674.07
2020 Totals		3,440.22	3,440.22	0.00	
7	2/28/2021	30,850.43	3,440.22	27,410.21	87,263.86
2021 Totals		30,850.43	3,440.22	27,410.21	
8	2/28/2022	30,850.43	2,617.92	28,232.51	59,031.35
2022 Totals		30,850.43	2,617.92	28,232.51	
*9	7/1/2023	1,770.94	1,770.94	0.00	59,031.35
2023 Totals		1,770.94	1,770.94	0.00	
10	2/29/2024	29,079.49	0.00	29,079.49	29,951.86
2024 Totals		29,079.49	0.00	29,079.49	
11	2/28/2025	30,850.43	898.57	29,951.86	0.00
2025 Totals		30,850.43	898.57	29,951.86	

*Board of Directors approved amendment to allow interest only payment for 2023 year.

*Approval noted in PWD minutes June 19, 2023.

EXHIBIT "A"
REPAYMENT SCHEDULE
DELGADO FARMING, INC. PROMISSORY NOTE

REPAYMENT SCHEDULE

ENTER VALUES

Settlement amount	\$234,930.28
Annual interest rate	3.25%
Repayment period in years	5
Number of payments per year	1
Start date	9/1/2021
Optional extra payments	\$0.00

LOAN SUMMARY

Scheduled payment	\$51,664.83
Scheduled number of payments	5
Actual number of payments	1
Total early payments	\$0.00
Total interest	\$23,393.88

PAYABLE TO Panoche Water District

PMT NO	PAYMENT DATE	BEGINNING BALANCE	SCHEDULED PAYMENT	EXTRA PAYMENT	TOTAL PAYMENT	PRINCIPAL	INTEREST	ENDING BALANCE	CUMULATIVE INTEREST
1	09/01/2021	\$234,930.28	\$51,664.83	\$0.00	\$51,664.83	\$44,029.60	\$7,635.23	\$190,900.68	\$7,635.23
2	09/01/2022	\$190,900.68	\$51,664.83	\$0.00	\$51,664.83	\$45,460.56	\$6,204.27	\$145,440.12	\$13,839.51
3	09/01/2023	\$145,440.12	\$51,664.83	\$0.00	\$51,664.83	\$46,938.03	\$4,726.80	\$98,502.09	\$18,566.31
4	09/01/2024	\$98,502.09	\$51,664.83	\$0.00	\$51,664.83	\$48,463.51	\$3,201.32	\$50,038.58	\$21,767.63
5	09/01/2025	\$50,038.58	\$51,664.83	\$0.00	\$51,664.83	\$50,038.58	\$1,626.25	\$0.00	\$23,393.88

George Delgado

PANOCHÉ WATER DISTRICT
Budget to Actual March 1, 2024 thru February 28, 2025

Tentative Budget 2024-2025		Proposed Budget 2024-2025	Approved Budget 2023-2024	Actual 2023-2024	Water Rate Scenario	Acreage Rate Scenario	Service Rate Scenario
Operating Revenues							
1	Supplemental Water	\$ 13,616,760	\$ 8,937,467	\$ 8,361,889	\$ 13,616,760		
2	Operation & Maintenance	\$ 4,441,500	\$ 5,784,364	\$ 6,594,307	\$ 3,917,575	\$ 523,925	
3	Fresno/Merced Counties - 2021 CVP Bond	\$ 1,390,000	\$ 1,303,892	\$ 1,389,776			\$ 1,390,000
4	Labor Reimbursements	\$ 175,000	\$ 350,079	\$ 301,297			\$ 175,000
5	Other Revenue	\$ 780,000	\$ 125,416	\$ 615,803	\$ 780,000		
6	Reimbursed Expenses	\$ 125,000	\$ 340,000	\$ 268,244			\$ 125,000
7	Domestic Water Treatment Plant	\$ 208,600	\$ 174,000	\$ 125,527			\$ 208,600
8	PDD Note Receivable \$ 712,930 2/1/2020 Less: Interest	\$ 138,792	\$ -	\$ -	\$ 69,396	\$ 69,396	
9	GBA Note Receivable \$ 1,201,924 3/1/2024 Less: Interest	\$ 232,052	\$ -	\$ -	\$ 116,026	\$ 116,026	
10	PDD Note Receivable \$ 716,521.50 2/29/2024 Less: Interest	\$ 112,092	\$ -	\$ -	\$ 56,046	\$ 56,046	
11	Sustainable Groundwater Management ^{1&5}	\$ 3,846	\$ 4,852	\$ -		\$ 3,846	
12	CVP AG Water Contract (30%)	\$ 3,045,600	\$ 6,075,000	\$ 2,650,500	\$ 3,045,600		
13	Grant Revenue (Contour Canal)	\$ 1,347,382	\$ -	\$ -			\$ 1,347,382
14	PWD Reserves (Contour Canal)	\$ 1,273,986	\$ -	\$ -			\$ 1,273,986
Total Revenue		\$ 26,890,610	\$ 23,095,070	\$ 20,307,343	\$ 21,601,403	\$ 769,239	\$ 4,519,968
Operating Expenses							
Water Costs							
15	Supplemental Water	\$ 13,616,760	\$ 8,937,467	\$ 7,274,824	\$ 13,616,760		
16	Planning & Engineering	\$ 75,000	\$ 57,000	\$ 33,829	\$ 75,000		
17	Los Vaqueros Expansion	\$ 250,952	\$ 224,500	\$ 461,693	\$ 125,476	\$ 125,476	
18	Sustainable Groundwater Management ^{1 & 5}	\$ 3,846	\$ 4,852	\$ (3,136)		\$ 3,846	
19	CVP AG Water Contract (30%)	\$ 3,045,600	\$ 6,075,000	\$ 1,281,789	\$ 3,045,600		
		\$ 16,992,158	\$ 15,298,819	\$ 9,048,999	\$ 16,862,836	\$ 129,322	\$ -
Administration							
20	Legal Costs	\$ 115,200	\$ 250,000	\$ 490,367	\$ 115,200		
21	2021 Bond Payment	\$ 930,152	\$ -	\$ 929,978			\$ 930,152
22	2021 CVP Bond Assessment Refund	\$ -	\$ -	\$ -			
23	Salaries and Wages	\$ 667,170	\$ 686,975	\$ 540,466	\$ 619,395		\$ 47,775
24	Employees' Benefits	\$ 206,026	\$ 198,151	\$ 171,527	\$ 191,011		\$ 15,015
25	SLDMWA Activity Agreements	\$ 151,820	\$ 106,863	\$ 106,620		\$ 151,820	
26	SLDMWA DHCCP Bond Payment	\$ 134,347	\$ 148,592	\$ 44,234		\$ 134,347	
27	Directors' Benefits	\$ 30,000	\$ 36,000	\$ 30,000	\$ 30,000		
28	Insurance Costs	\$ 100,946	\$ 95,000	\$ 94,149	\$ 100,946		
29	SWRCB Water Rights Fee	\$ 125,000	\$ 125,000	\$ 128,013	\$ 125,000		
30	Other Supplies & Services	\$ 100,000	\$ 106,500	\$ 92,366	\$ 100,000		
31	Payroll Burden	\$ 76,535	\$ 85,268	\$ 79,593	\$ 71,075		\$ 5,460
32	Professional Services	\$ 50,000	\$ 78,000	\$ 234,245	\$ 50,000		
33	Annual Audits	\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000		
34	Communication Costs	\$ 42,000	\$ 45,000	\$ 44,901	\$ 42,000		
35	Conferences and Training Costs	\$ 25,500	\$ 45,000	\$ 8,862	\$ 25,500		
36	Utilities	\$ 40,000	\$ 45,000	\$ 62,925	\$ 40,000		
		\$ 2,834,696	\$ 2,091,350	\$ 3,098,246	\$ 1,550,127	\$ 286,167	\$ 998,402

Tentative Budget 2024 - 2025		Proposed Budget 2024-2025	Approved Budget 2023-2024	Actual 2023-2024	Water Rate Scenario	Acreage Rate Scenario	Service Rate Scenario
Operations & Maintenance							
37	Energy Costs	\$ 1,416,000	\$ 1,795,500	\$ 1,282,978	\$ 1,416,000		
38	Salaries and Wages	\$ 847,882	\$ 915,001	\$ 845,343	\$ 773,157		\$ 74,725
39	Employees' Benefits	\$ 300,504	\$ 325,888	\$ 268,286	\$ 277,019		\$ 23,485
40	Pumps & Structures Repairs	\$ 517,500	\$ 241,000	\$ 274,604	\$ 258,750	\$ 258,750	
41	Payroll Burden	\$ 127,054	\$ 153,734	\$ 124,492	\$ 118,514		\$ 8,540
42	Reimbursable Expenses	\$ 125,000	\$ 340,000	\$ 86,535			\$ 125,000
43	Chemical Application	\$ 128,000	\$ 111,000	\$ 107,456	\$ 128,000		
44	Domestic Water Treatment Plant	\$ 208,600	\$ 174,000	\$ 174,683			\$ 208,600
45	Fuel & Oil costs	\$ 100,000	\$ 145,000	\$ 86,164	\$ 100,000		
46	Capital Cost - Depreciation	\$ -	\$ -	\$ -			
47	Equipment repairs	\$ 85,000	\$ 100,000	\$ 99,472	\$ 42,500	\$ 42,500	
48	Vehicle repairs & Maintenance	\$ 45,000	\$ 40,000	\$ 42,655	\$ 22,500	\$ 22,500	
49	Buildings Repairs & Maintenance	\$ 60,000	\$ 50,000	\$ 37,654	\$ 30,000	\$ 30,000	
50	Laboratory - Water Testing	\$ 22,000	\$ 17,300	\$ 2,581	\$ 22,000		
51	Grant Expenses (Contour Canal)	\$ 1,347,382	\$ -	\$ -			\$ 1,347,382
52	PWD Expenses (Contour Canal)	\$ 1,273,986	\$ -	\$ -			\$ 1,273,986
		\$ 6,603,908	\$ 4,408,423	\$ 3,432,903	\$ 3,188,440	\$ 353,750	\$ 3,061,718
Total Expenses		\$ 26,430,761	\$ 21,798,592	\$ 15,580,148	\$ 21,601,403	\$ 769,239	\$ 4,060,120
Net Revenue/(Deficit)		459,848.12	\$ 1,296,478	\$ 4,727,195	\$ (0)	\$ (0)	\$ 459,848
		Proposed Budget 2024-2025	Approved Budget 2023-2024	Actual 2023-2024	Water Rate Scenario	Acreage Rate Scenario	Service Rate Scenario
Capital Improvements							
53	Capital Improvement - Vehicle Purchase	\$ 137,000	(1 - Ford Ranger & 2 - F-150's)		\$ 68,500	\$ 68,500	
54	Capital Improvement - Equipment Purchase	\$ 240,000	(Kenworth 10 yard Dump Truck)		\$ 120,000	\$ 120,000	
55	Capital Improvement-Remove & Replace Asphalt Parking Lot	\$ 78,300			\$ 39,150	\$ 39,150	
56	Capital Improvement - VFD's	\$ 65,250	(1 - New VFD Station)		\$ 32,625	\$ 32,625	
		Current O&M²		Water Rate³	Water Rate³	Acreage Rate⁴	
Melded Water Cost		\$ 110.27		\$ 92.84	\$ 92.84	\$ 20.47	\$ -
Total Delivered Water Cost				\$ 243.00			
				\$ 335.84	\$ (17.43)		
¹ SGMA costs historically billed on an acreage basis ² FYE 2024-25 proposed O&M Rate assumes 45,000 acre-feet of deliveries ³ Potential Water Rate assumes 45,000 acre-feet of deliveries ⁴ Potential Acreage Rate assumes 38,317 acres ⁵ SLDMWA/SGMA Refund \$25,000							

Acreage Rate Last Yr \$ 21.22
Wtr O&M Last Yr \$ 110.47

Panoche Water District WY 2024-25 Total Water Deliveries Draft Only Based on 30% USBR Allocation			
District Water	Allocation	AF/Cost	Water Cost
USBR Rescheduled Water (WY 23-24)	9,400	\$ 71	\$ 667,400
USBR CVP WY 2024-25 30% Allocation	28,200	\$ 108	\$ 3,045,600
CCID/FCWD Water Transfer	3,000	\$ 461	\$ 1,383,000
Eastside Canal Water Transfer	5,000	\$ 665	\$ 3,325,000
SJRECWA 2 Yr Water Transfer	5,405	\$ 592	\$ 3,199,760
West Stanislaus Irrigation District	2,500	\$ 490	\$ 1,225,000
Firebaugh Canal Water District	1,500	\$ 514	\$ 771,000
Accretions / Gains WY 2024-25	1,100	\$ -	\$ -
Subtotal	56,105	\$ 243	\$ 13,616,760
Acre-feet per Acre	1.46		

Grower Water	Allocation	AF/Cost	Water Cost
Grower Transfers In	2,500	\$ 76	\$ 190,000
Subtotal	2,500		

Total	58,605
Acre-feet per Acre	1.53

Panoche Water District WY 2024-25 All Estimated Water Costs						
	USBR	CCID/FCWD	Eastside	SJRECWA	WSID	FCWD
Water Cost	\$ -	\$ 435.35	\$ 525.30	\$ 488.70	\$ 375.00	\$ 488.70
USBR	\$ 26.41	\$ -	\$ -	\$ 1.50	\$ -	\$ -
SLDMWA	\$ 68.55	\$ -	\$ -	\$ 76.00	\$ 76.00	\$ -
Restoration	\$ 13.00	\$ -	\$ -	\$ -	\$ -	\$ -
Add'l Suppl		\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00	\$ 25.00
Other Costs	\$ -	\$ -	\$ 114.00	\$ -	\$ 13.36	\$ -
Totals	\$ 107.96	\$ 460.35	\$ 664.30	\$ 591.20	\$ 489.36	\$ 513.70

Panoche Water District WY 2024-25 Water Allocations			
30% USBR Water 2024-2025	28,200	\$ 3,045,600	\$ 108
Supplemental Water	27,905	\$10,571,160	\$ 379
Scenario A	56,105	\$13,616,760	1.46
Melded USBR & Supplemental	56,105	\$13,616,760	\$ 243
Scenario B	56,105	\$13,616,760	1.46

Panoche Water District WY 2023-24 Total Water Deliveries Non Critical Year Based on 80% USBR Allocation			
District Water	Allocation	AF/Cost	Water Cost
Rescheduled Water (WY 22-23)	2,174	\$ 551	\$ 1,197,874
Transfer 1 Rescheduled	361	\$ 413	\$ 149,093
USBR CVP WY 2023-24 80% Allocation	75,000	\$ 81	\$ 6,075,000
Transfer 2	3,000	\$ 437	\$ 1,311,000
Transfer 3	4,750	\$ 782	\$ 3,714,500
Transfer 4	7,500	\$ 342	\$ 2,565,000
Accretions / Gains WY 2023-24	1,100	\$ -	\$ -
Subtotal	93,885	\$ 160	\$ 15,012,467
Acre-feet per Acre	2.45		

Grower Water	Allocation	AF/Cost	Water Cost
Rescheduled Water on Grower's Books	7,000	\$ 532	\$ 3,724,000
PWD Grower Wells for Credit	4,000	\$ -	\$ -
Grower Transfers In	3,000	\$ 17	\$ 51,000
Transfer 5	4,615	\$ 215	\$ 992,225
Subtotal	18,615		

Total	112,500
Acre-feet per Acre	2.94

Option 1A: 36,000 AF Delivered	.93 AF/AC		
USBR CVP Allocation	17,115	\$ 81	.44 AF/AC
Supplemental Water Allocation	18,885	\$ 473	.49 AF/AC

Option 1B: 55,000 AF Delivered	1.43 AF/AC		
USBR CVP Allocation	36,115	\$ 81	.94 AF/AC
Supplemental Water Allocation	18,885	\$ 473	.49 AF/AC

Option 2A: 36,000 AF Delivered	Melded		
Melded USBR & Supplemental Wtr Supply	36,000	\$ 287	.93 AF/AC
Option 2B: 55,000 AF Delivered	Melded		
Melded USBR & Supplemental Wtr Supply	55,000	\$ 216	1.43 AF/AC

Option 2C: 45,000 AF Delivered	Melded		
Melded USBR & Supplemental Wtr Supply	45,000	\$ 246	1.17 AF/AC

The highlighted option is the one that the Board decided upon last year.

Panoche Drainage District
Attn: Mr. Patrick McGowan
52027 W. Althea Avenue
Firebaugh, CA 93622

Re: Letter of Intent-Geologic Carbon Sequestration

Patrick,

Sunset Exploration, Inc. ("Sunset") and Panoche Drainage District ("PDD"), owners of certain subsurface interests on lands described on attached Exhibit "A" (PDD lands), agree to this Letter of Intent ("LOI") that grants Sunset exclusive rights to acquire from PDD an Easement Option Agreement for permanent geologic sequestration of carbon dioxide on PDD lands, according to the following terms and conditions;

1. Until April 15, 2024, Sunset shall have the exclusive right to enter into an Easement Option Agreement with a five-year term with PDD for permanent geologic Carbon Dioxide Sequestration operations to be conducted on PDD lands at an annual fee of Thirty Dollars (\$30.00) per net acre, divided equally between owners of surface rights and owners of the mineral estate. This exclusivity period will allow Sunset to conduct detailed title review to ascertain surface and mineral ownership of the entire project area.
2. Initial title investigation indicates that PDD owns approximately 7,700 acres. The annual PDD option payment in this scenario, assuming PDD owns 100% surface and minerals, would be \$231,000 at \$30/ac/yr. If ownership is surface rights only, the payment would be \$115,500/yr.
3. The Easement Option Agreement shall cover all subsurface depths below 2,000 feet. The five-year Option Period will allow Sunset to conclude necessary surface and mineral ownership agreements and obtain required regulatory approvals. EPA approval would dictate surface location requirements for the primary injection site(s) (each estimated at 3-4 acres in total) along with number of monitoring wells needed (each surface site 1 acre or less). It is estimated that surface needs will be less than 10 acres in total for each CO₂ injection project. Lease payments and site locations for impacted land would be subject to future mutual agreement. PDD reserves full discretion regarding any future surface use of the subject property.
4. The Easement Option Agreement will allow Sunset an exclusive right to enter into an Easement Agreement with PDD which shall provide, among other things, for a \$300.00 per acre annual payment divided equally between the surface and mineral ownership, during sequestration operations, estimated to occur for 20 to 30+ years. A 30-year injection period could amount to a total payment to PDD of \$2,310,000/yr @\$300/year assuming all 7,700 acres of surface and mineral ownership within the approved project area. If ownership is surface rights only the annual payment would be \$1,155,000/yr. Additionally, the annual \$300.00 per acre annual payment shall be subject to an annual

EXHIBIT "A"

All surface and/or mineral interests owned by PDD in the following townships in Fresno and Merced Counties, CA (all M.D.B.M.):

T. 11S., R.11E.,

T. 11S., R.12E.,

T. 11S., R.13E.,

T. 12S., R.11E.,

T. 12S., R.12E.,

T. 12S., R.13E.,

PROP 218 BOND RECONCILIATION

	AMOUNT	AMOUNT COLLECTED	AMOUNT COLLECTED	TOTAL	OVER
FISCAL YEAR	PAID	1ST INSTALL	2ND INSTALL	COLLECTED	COLLECTED
2021-2022	\$ 408,037.24	\$ 749,561.18		\$ 749,561.18	\$ 341,523.94
2022-2023	\$ 928,836.50	\$ 622,371.78	\$ 720,029.77	\$ 1,342,401.55	\$ 413,565.05
2023-2024	\$ 929,477.02	\$ 669,778.73	\$ 719,997.87	\$ 1,389,776.60	\$ 460,299.58
CKG ACT BAL					\$ 1,215,388.57
CHECKING ACCOUNT BALANCE WITH INTEREST 2.29.2024					\$ 1,252,391.59

NEXT TAX ASSESSMENT 5/31/2024	\$ 630,000.00	AVERAGE
NEXT PAYMENT DUE 8/31/2024	\$ 653,895.75	
NEXT TAX ASSESSMENT 1/31/2025	\$ 720,013.42	AVERAGE
PAYMENT DUE 2/28/2025	\$ 276,255.75	
24.25 ESTIMATED OVERCOLLECTION	\$ 419,861.92	

ORIGINAL BOND AMOUNT JULY 2021	
2021A BOND	\$ 10,290,000
2021B BOND	\$ 8,110,000
	\$ 18,400,000

PANOCHÉ WATER DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: SANDRA REYES, WATER MASTER

SUBJECT: FEBRUARY DIVISION REPORT – WATER DEPARTMENT

DATE: 3/6/2024

CC : JUAN CADENA, WATER RESOURCES MANAGER
PATRICK MCGOWAN, GENERAL MANAGER

Water Supply as of March 1, 2024:

San Luis Reservoir Total Storage	<u>1,397,020</u>	<u>AF</u>
San Luis Reservoir Federal Storage	<u>842,278</u>	<u>AF</u>
San Luis Reservoir % of Total Capacity	<u>68</u>	<u>%</u>

Panoche Water Supply as of March 1, 2024:

USBR 2023-24 Water Balance	<u>71,666</u>	<u>AF</u>
February, 2024 Grower Deliveries	<u>1,860</u>	<u>AF</u>
Total Deliveries to Date (Mar-Feb)	<u>54,057</u>	<u>AF</u>

The delivery O&M base was set at 45,000 AF – we exceeded by 9,057 AF.

Water Department Updates:

The February O&M, Interest, and M&I billing will be dated 2/29/24, but will be processed on 3/15/24.

Reminder e-mails will go out for anyone still requiring their 700 forms to be turned in

The water cost rate scenario budget has been completed and is ready to be approved

Grower forms are being returned, so I will be tabulating the information received and

reaching out to those who haven't turned them in yet

The final request for Rescheduled water, along with copies of the WY2024-25 Revision

Schedules have been sent out to the USBR

Worked on the board meeting minutes for PDD and still working on PWD's

Got updated Board meeting agendas for Patrick to review and approve

Still focusing and working on closing out the year end for the water:

Closing Water Balances and New WY Allocations and Invoicing

Allocating Rescheduled Water and Invoicing

Starting the Water Inventory and Rate Assignment spreadsheets for the Auditor for

WY2023-24

PANOCHÉ WATER DISTRICT WATER ACCOUNTING

Month: February, 2024

3/6/2024

Water Supply																		
District Water	Annual	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2024	2024	YTD	Transfers	Not	Stored	Remaining
March, 2023 - Feb, 2024	AF	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Usage	Out	Pumped		Balance
Grower Transfer Ins	0													0				0
Transfer 2	3,000				985	930	1,085							3,000				0
Transfer 3	2,733				750	855	657	471						2,733				0
Transfer 6	750					250	250	250						750				0
PWD Grower Wells f/Crdt	97	81		9	7									97				0
Gains or Losses	2,913	3	85	538	566	650	862	37	223	(107)	(58)	98	16	2,913				0
District Water Total	9,493	84	85	547	2,308	2,685	2,854	758	223	(107)	(58)	98	16	9,493				0
Bureau Water	Annual	2023	2023	2023	2023	2023	2023	2023	2023	2023	2023	2024	2024	YTD	Transfers	Loss	Stored	Remaining
March, 2023 - Feb, 2024	AF	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Usage	Out			Balance
Rescheduled Water	9,757	894	2,895	5,443	313									9,545		(212)		0
2023-2024 100% USBR	94,000				3,155	3,575	3,655	3,745	2,319	1,241	1,281	1,362	1,811	22,144	2,000			69,856
Transfer 3	2,267				750	1,145	343	29						2,267				0
Transfer 4	7,500				1,875	4,000	1,625							7,500				0
Transfer 5	1,270				354	140	411	192	173					1,270				0
Transfer 6	250				250									250				0
Transfer 7	295				295									295				0
Grower Transfers In	1,388			421	492				75			400		1,388				0
Bureau Water Total	116,727	894	2,895	5,864	7,484	8,860	6,034	3,966	2,567	1,241	1,281	1,762	1,811	44,659	2,000	(212)	0	69,856
Total Water Supply	126,220	978	2,980	6,411	9,792	11,545	8,888	4,724	2,790	1,134	1,223	1,860	1,827	54,152	2,000	(212)	0	69,856
Usage																		
Growers		978	2,980	6,411	9,792	11,545	8,888	4,724	2,790	1,134	1,223	1,860	1,827	54,152				
Transfers Out/Sales		0	0	0	0	0	1,400	0	600	0	0	0	0	2,000				
Total Usage/Transfers		978	2,980	6,411	9,792	11,545	10,288	4,724	3,390	1,134	1,223	1,860	1,827	56,152				
Diff/Losses: % of Supply	%	1%	3%	9%	6%	6%	10%	1%	8%	-9%	-5%	6%	1%	6%				
Budget to Actual - AF	45,000	899	2,980	6,402	9,785	11,545	8,888	4,724	2,790	1,134	1,223	1,860	1,827	54,057				-9,057

(9,400) = 60,456 AF Remaining

* Water Supply Numbers are estimates of known Transfers at this time - Deliveries are Actual *

Panoche Water District

DELIVERIES, RECYCLED, POWER CHARGES REPORT

DISTRICT DELIVERIES					RETURN FLOWS					RUSSELL RECIRCULATION Energy Charges					PG&E CHARGES					
2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	2019	2020	2021	2022	2023	
MAR	2,594	2,964	1,610	982	978	(82)	38	(102)	130	3	\$ 114	\$ 126	\$ 61	\$ 63	\$ 49	\$ 53,663	\$ 83,213	\$ 45,539	\$ 38,061	\$ 20,336
APR	5,237	3,657	2,773	2,303	2,980	290	42	(123)	556	85	\$ 91	\$ 99	\$ 5,811	\$ 128	\$ 920	\$ 83,024	\$ 75,857	\$ 115,722	\$ 95,409	\$ 60,283
MAY	7,172	6,681	5,082	3,839	6,411	99	12	811	728	538	\$ 13,338	\$ 2,851	\$ 16,042	\$ 1,413	\$ 1,266	\$ 140,840	\$ 130,817	\$ 92,000	\$ 103,548	\$ 76,265
JUN	10,812	9,767	6,871	5,434	9,792	600	584	976	782	566	\$ 23,541	\$ 22,899	\$ 21,611	\$ 27,615	\$ 11,491	\$ 202,742	\$ 194,558	\$ 150,006	\$ 148,032	\$ 115,412
JUL	12,273	10,140	6,251	5,612	11,545	1,393	231	249	83	650	\$ 30,850	\$ 24,811	\$ 36,326	\$ 46,544	\$ 12,039	\$ 204,302	\$ 216,355	\$ 191,489	\$ 209,145	\$ 213,325
AUG	8,437	5,985	3,953	4,165	8,888	516	20	541	(253)	862	\$ 43,554	\$ 41,688	\$ 39,615	\$ 36,685	\$ 28,407	\$ 214,317	\$ 201,997	\$ 181,291	\$ 179,674	\$ 203,428
SEP	3,940	3,328	2,764	2,790	4,724	490	504	862	(240)	37	\$ 32,727	\$ 48,288	\$ 25,346	\$ 22,748	\$ 39,151	\$ 192,139	\$ 168,372	\$ 125,375	\$ 143,734	\$ 163,960
OCT	2,708	2,695	1,141	1,693	2,790	835	219	121	(171)	223	\$ 159	\$ 18,975	\$ 186	\$ 8,034	\$ 2,365	\$ 139,437	\$ 107,389	\$ 103,445	\$ 82,107	\$ 119,971
NOV	1,649	742	469	266	1,134	122	111	119	(161)	(107)	\$ 120	\$ 108	\$ 6,239	\$ 7,014	\$ 202	\$ 79,316	\$ 65,990	\$ 57,789	\$ 202,938	\$ 86,638
DEC	88	119	85	89	1,223	(239)	(47)	34	(15)	(58)	\$ 97	\$ 72	\$ 116	\$ 113	\$ 211	\$ 48,581	\$ 25,942	\$ 32,400	\$ 33,649	\$ 64,191
JAN	565	211	291	15	1,860	(51)	(58)	261	(83)	98	\$ 119	\$ 70	\$ 105	\$ 93	\$ 222	\$ 33,480	\$ 16,234	\$ 23,831	\$ 25,041	\$ 70,825
FEB	3,968	1,121	1,668	743	1,827	75	(102)	558	137	16	\$ 97	\$ 70	\$ 125	\$ 101	\$ 311	\$ 50,635	\$ 35,030	\$ 73,629	\$ 31,647	\$ 54,764
Total	59,443	47,410	32,958	27,931	54,152	4,048	1,554	4,307	1,493	2,913	\$ 144,808	\$ 160,058	\$ 151,583	\$ 150,552	\$ 96,633	\$ 1,442,476	\$ 1,321,754	\$ 1,192,517	\$ 1,292,985	\$ 1,249,397
YEAR TO DATE	59,443	47,410	32,958	27,931	54,152	4,048	1,554	4,307	1,493	2,913	\$ 144,808	\$ 160,058	\$ 151,583	\$ 150,552	\$ 96,633	\$ 1,442,476	\$ 1,321,754	\$ 1,192,517	\$ 1,292,985	\$ 1,249,397

Water Year	2019-20	2020-21	2021-22	2022-23	2023-24	5 Yr. Average
USBR Allocation	75.00%	20.00%	0.00%	0.00%	80.00%	35%
Total Alloc. Acreage	37,442	37,442	37,442	38,202	38,317	37,769
A/F / acre	1.59	1.27	0.88	0.73	1.41	1.18
Effective Precip.	0.20	0.28	0.13	0.31	0.41	0.26
Total Applied af	1.79	1.54	1.01	1.04	1.82	1.44

Total Precip. Inches 4.77 6.69 3.17 7.34 9.73 (From March 1 on)

Total rainfall /2/12 Mike Gonzalez

Total Rainfall from Oct. 2023 to today is 7.06 inches.

PANOACHE WATER DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: CHRIS CARLUCCI, OPERATIONS & MAINTENANCE MANAGER

SUBJECT: DIVISION REPORT – OPERATIONS & MAINTENANCE

DATE: MARCH 12TH, 2024

CC: PATRICK MCGOWAN, GENERAL MANAGER

For the month of February, the following operations and maintenance activities occurred as follows:

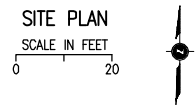
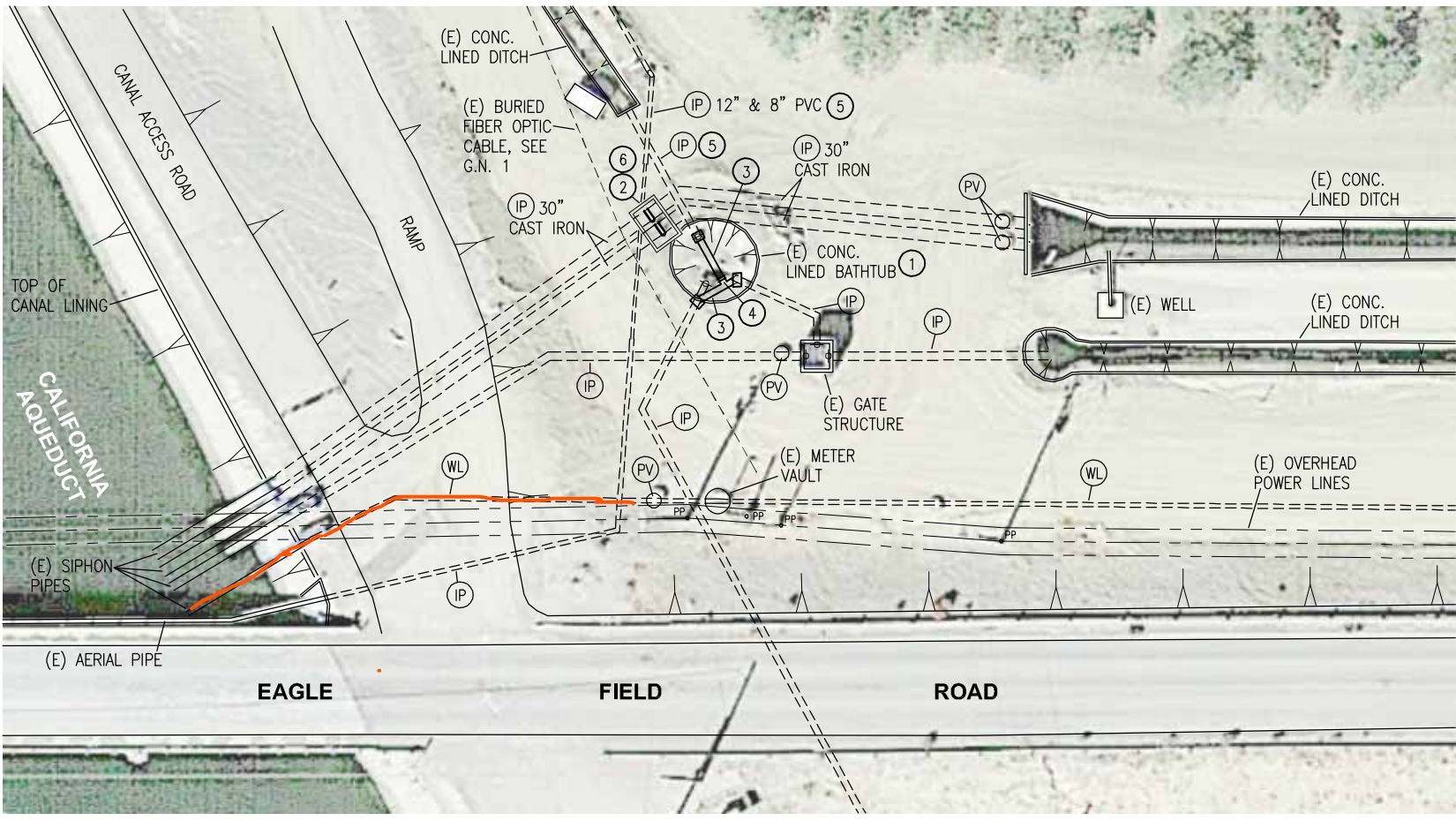
- General Maintenance.
- Installed New Turnout at TO#17.
- Started to make catwalks and staircase for TO#17.
- Made repairs to station 12E-2 trash racks.
- Quote for line Boring job for new turnout on Lateral 2. (Pacific Boring)
- Weed Control – Main canal, Russell turnout, Russell ditch, 6E black pipeline, 50 gate turnout and Lateral 2 & 3.
- Pacheco Water District Weed Control- PWD sprayed Lateral # 7.
- Still making repairs all PWD mainline meters and filter station meters.
- Sent off Hazardous Material Business Plan Program (HMBP) and Spill Prevention Plan (SPCC) to Fresno County for approval. For PWD and Water Treatment Plant.
- Preventative Pump Maintenance Plan. (work in progress)
- Equipment Replacement Forecast Plan. (work in progress)

GENERAL NOTES

- 1. EXCAVATIONS WITHIN 2' OF FIBER OPTIC CABLE SHALL BE DONE WITH HAND TOOLS. PROTECT CABLE IN PLACE AT ALL TIMES.
- 2. CONTRACTOR MAY OPT TO USE EXISTING CAST IRON FLANGES IF FLANGE GASKETS FOR NEW VALVES CAN BE PROPERLY INSTALLED.
- 3. ALL STEEL PIPE AND FITTINGS SHALL BE IN ACCORDANCE WITH AWWA C-200. PIPE WALL THICKNESS SHALL BE 1/4" UNLESS NOTED OTHERWISE. FLANGES SHALL BE CLASS D.
- 4. ALL OPENINGS IN STEEL PIPE SHALL BE IN ACCORDANCE WITH SECTION VIII OF THE ASME BOILER AND PRESSURE VESSEL CODE.
- 5. STEEL PIPE SHALL BE LINED AND COATED WITH 12 MILS DRY FILM THICKNESS (DFT) OF FUSION BONDED EPOXY IN ACCORDANCE WITH AWWA C-213 AND WRAPPED WITH 20 MIL POLYETHYLENE.
- 6. STEEL PIPE CONNECTIONS TO EXISTING STEEL OR PVC PIPE MAY BE DONE WITH FABRICATED ELBOWS AND MECHANICAL COUPLINGS IN LIEU OF CONCRETE CONNECTION COLLARS.

ESTIMATED QUANTITIES

REMOVE & REPLACE (E) BATHTUB & GATES	LUMP SUM
30" BUTTERFLY VALVE W/ EXT. STEM INST.	2 EA.
BID ALTERNATE 1	
PRECAST CONCRETE ACCESS VAULT	LUMP SUM
BID ALTERNATE 2	
REMOVE (E) BATHTUB & SALVAGE (E) GATES	LUMP SUM
18" STEEL PIPE CONNECTION W/ TEE, VALVE & EXTENSION STEM INSTALLATION	

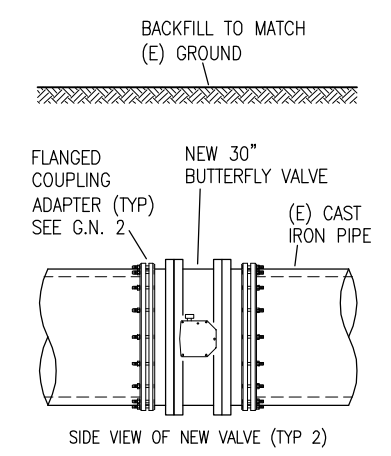
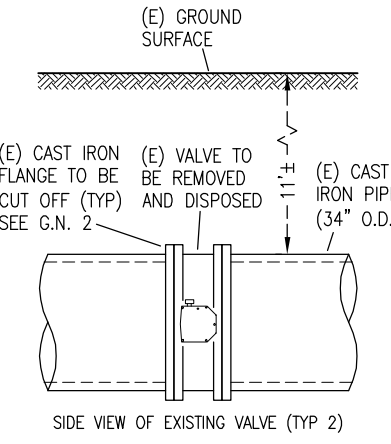


EXPLANATION OF SYMBOLS

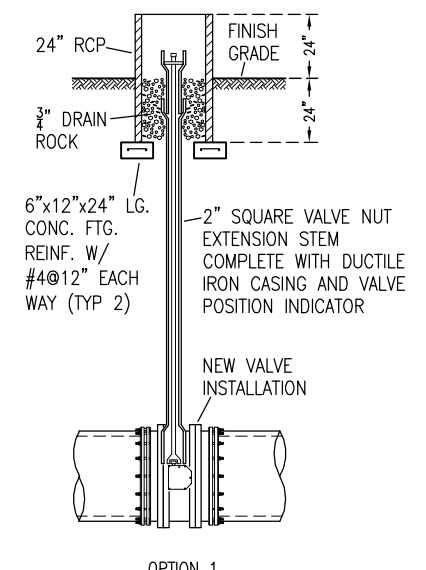
- (IP) (E) BURIED IRRIGATION PIPELINE
- (PV) (E) PITOT ACCESS VAULT
- (WL) (E) BURIED WATER LINE
- (E) EXISTING
- PP (E) POWER POLE

PROPOSED IMPROVEMENTS

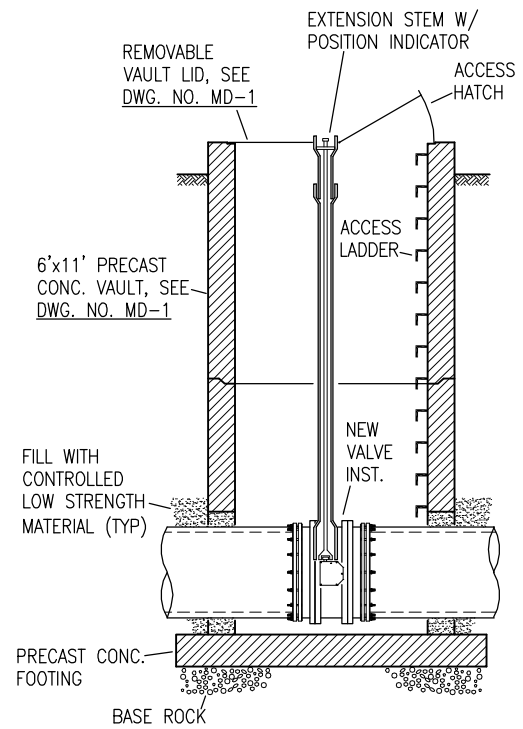
- 1. REMOVE & RECONSTRUCT (E) CONCRETE LINED BATHTUB, OR REMOVE ONLY FOR BID ALTERNATE 2 AND DELIVER SALVAGED CANAL GATES TO DISTRICT
- 2. REMOVE & REPLACE EXISTING 30" BUTTERFLY VALVES, SEE DETAIL A, SEE DETAIL B FOR ACCESS OPTIONS
- 3. 18" STEEL PIPE CONNECTION (BID ALTERNATE 2) SEE DETAIL C, VERIFY AND MATCH (E) PIPE SIZE
- 4. TEE W/ VALVE (BID ALTERNATE 2) SEE DETAIL D
- 5. REMOVE & REPLACE (E) IRRIGATION PIPE AS NEEDED FOR 2
- 6. PRECAST CONCRETE VALVE ACCESS VAULT (BID ALTERNATE 1), SEE DETAIL B, OPTION 2



DETAIL A BUTTERFLY VALVE REPLACEMENT

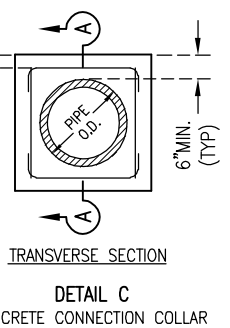
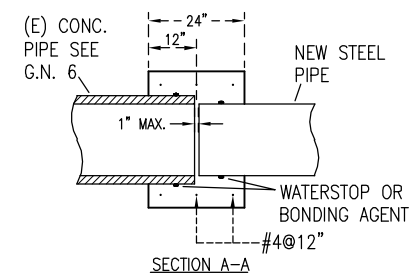


OPTION 1

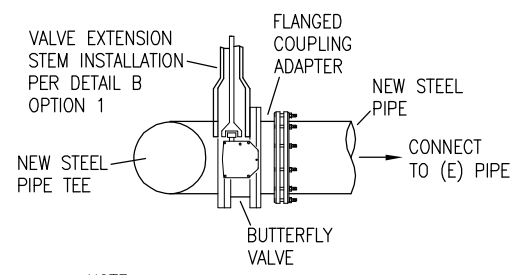


OPTION 2

DETAIL B VALVE ACCESS



DETAIL C CONCRETE CONNECTION COLLAR



NOTE: TEE BRANCH & VALVE SIZE TO MATCH (E) PIPE SIZE AT CONNECTION

DETAIL D TEE & VALVE

PACHECO WATER DISTRICT
FIREBAUGH CALIFORNIA

AQUEDUCT TURNOUT VALVE REPLACEMENT

SITE PLAN & DETAILS

SUMMERS ENGINEERING INC.
Consulting Engineers CALIFORNIA

DATE: APR. 2019	APPROVED: <i>Scott Jacobson</i>
DRAWN: SLJ	DRAWING NO. SP-1
CHECKED: JCL	SHEET 1 OF 1

REVISIONS

REGISTERED PROFESSIONAL ENGINEER
SCOTT L. JACOBSON
NO. 51586
CIVIL
STATE OF CALIFORNIA

DATE: APR. 2019
DRAWN: SLJ
CHECKED: JCL

APPROVED: *Scott Jacobson*
DRAWING NO. SP-1
SHEET 1 OF 1

REVISIONS

DRAWING NAME: PAC19001.DWG

Pacific Boring

P.O. Box 727 Caruthers, Ca. 93609 • P 559-864-9444 F 559-864-9256

Contractors License Numbers

California Lic: 553794, DIR 1000003953 • Nevada 0042398

**REFERENCE
BID DATE**

West Side – Farmer Bore
2/8/2024

The following proposal is submitted for your review:

	Description	Size	Quantity	Unit Price	Total
1	Furnish & Install Bare Casing	36"x0.375"	40-LF	599.00	23,960.00
2					
	Soil Condition: Clayey Sand			Total Bid	\$23,960.00

Special Provisions: Price includes drilling only. PIP pipe install by others.

Jacking Pit:	36'	L	12'	W	24"	Below Bottom of Casing
Receiving Pit:	12'	L	12'	W	12"	Below Bottom of Casing

Stand-by Crew Rate: \$1,197.00 per hour, for delays beyond control of Pacific Boring (i.e. pit not ready, line and grade staking not available, obstructions, rock, non-borable ground)

CONTRACTOR TO FURNISH THE FOLLOWING:

- This quotation will be incorporated into the subcontract between the parties. Pacific Boring will not sign a contract that doesn't have this quote attached and referenced as included.
- Bore and Receiving pits shall be to the minimum clear inside dimensions as listed above and will require a vertical clearance from pit floor to walers or cross members of 10-foot minimum & up to 14-foot. Contractor shall consult with Pacific Boring personnel on details of pit design to ensure compatibility of pit and proposed tunneling equipment. In addition to Pacific Borings requirements all pits must comply with OSHA requirements, including landings, handrails, toe boards, etc.
- Dewatering, as directed by Pacific Boring.
- Furnish access to Job-site, clear overhead access (no power lines over pits), and traffic control.
- Provide all required surveying including but not limited to; line and grade staking, surface settlement points and monitoring, survey control, etc.
- Notify Underground Service Alert 48 hours before commencing bore. Locate all substructures for size, line, and depth prior to starting tunneling operations and specifically hold Pacific Boring, Inc. harmless from all damages of any kind caused by failure to properly locate substructures.
- Permits, including Cal/Osha classification for all bores 30" and larger to be provided prior to scheduling.
- Remove spoils from job-site. Pacific Boring to bring to street level.
- Any required vent pipe, cathodic protection and testing such as, welds, concrete, etc.
- Furnish carrier pipe or RCP unloaded at job-site with all necessary joint materials, as required.
- Test and fill carrier pipe with water prior to and during sand or grout backfill of casing.
- If bond required, Add 1 1/2 %.
- Furnish Welders for carrier pipe and diapers, if required. Furnish labor and materials to mortar RCP if required.
- Construction water and sanitary facilities.
- Pacific Boring shall indemnify and defend the contractor for claims of negligence which arise solely from work performed under the contract to the extent that Pacific Boring is found liable for the claim.
- DOES NOT INCLUDE RAILROAD INSURANCE, IF APPLICABLE. Pacific Boring as named insured on Contractor's Railroad protective liability insurance policy.**
- In the event that this agreement is placed with an attorney to enforce its provisions, the prevailing party shall be entitled to reasonable attorney's fees and costs.
- Price based on one move in, additional move ins to be billed at mobilization unit prices provided.
- Upon execution of contract Pacific Boring will procure materials for your project. If the project is delayed or canceled after scheduling Contractor will be responsible for all specialty material costs and become owner of said materials.
- Contractor shall provide at least four weeks advance notice of scheduling requirements.
- If retention is withheld it shall be limited to 5% and shall be paid 60 days after completion of Pacific Borings work.
- Quote Good for 30-days

Submitted By:

Ted Miller

Estimator

Reference #

240208cw

PANOCHÉ WATER DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



MARCH 12, 2024 BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: JOSH MARQUEZ, ETHICS & COMPLIANCE / RISK MANAGEMENT

SUBJECT: FEBRUARY 2024 UPDATE

DATE: MARCH 8, 2024

CC: PATRICK MCGOWAN, GENERAL MANAGER

ETHICS & COMPLIANCE: No calls were reported to the hotline for the month of February.

RISK MANAGEMENT: Safety Compliance Company conducted first training which covered the topics of trenching and excavation, fall protection, and workplace violence. Calendar has been made for the 2024 year outlining all topics to be covered all falling within the required training timelines. Risk Management assessment reviewed with staff. Meeting to follow with Amy McDougal for any recommendations.

PANOCHÉ WATER DISTRICT

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MARCH 12, 2024 BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: JOSH MARQUEZ, CONTRACT ADMINISTRATOR

SUBJECT: FEBRUARY 2024 UPDATE

DATE: MARCH 8, 2024

CC: PATRICK MCGOWAN, GENERAL MANAGER

TRAINING ATTENDED: ACWA JPIA hosted a training that covered insurance verifications in contracts, and risk transfer. The class offered valuable insight that has resulted in implementation to mitigate risk including periodic verifications of contractors throughout the construction process and checklists to follow a streamlined process.

CONTOUR CANAL: Budget costs reviewed and estimated for 2024-25 budget. Meeting with Chris Linneman to review the process for the upcoming semi-annual report. The report will be completed in March for review and input from Chris prior to submittal.

VERIZON CONTRACT: Monthly costs reviewed. Found 4 lines to be not in group plan and updated to be included in group plan which will result in savings.

SALE OF EQUIPMENT: Backhoe Loader, Case Tractor, and Ford Tractor sold. Sale receipt expected in March after buyers pick up equipment.

PANOCHÉ DRAINAGE DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



MARCH 12, 2024 BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: JOSH MARQUEZ, CONTRACTS ADMINISTRATOR

SUBJECT: FEBRUARY 2024 UPDATE

DATE: MARCH 8, 2024

CC: PATRICK MCGOWAN, GENERAL MANAGER

PROP 84: Invoice 19 (November) reimbursement received in the amount of \$1,004,587. Invoice 20 (December) approved and docusigned. All requested information submitted to Bockmon & Woody for the addition of five additional tile sites. Change order with costs expected in the month of March. This pushes back the closing of this project until the sites have been completed.

PANOCHÉ WATER DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: DIANA MOSES

SUBJECT: DIVISION REPORT – HUMAN RESOURCES

DATE: MARCH 12, 2024

CC: PATRICK MCGOWAN, GENERAL MANAGER

For the month of February, the following Human Resources activities occurred as follows:

- **Worker's Compensation**
 1. Two claims remain open.
 2. One employee has returned to work with modified duties.
 3. One employee has been returned to work without restrictions, with physician's follow up visits.

PWD
March 12th, 2024
BOARD MEETING ACTION ITEMS

1. Modernization study proposal from Summer's Engineering, Chris Linneman to present. **PATRICK**
2. Determine water Invoice amount owed to GBA. **MARLENE/SANDRA/CHASE**
3. Budget amendments to proposed 2024/25 WY **MARLENE/JUAN/JOSH/SANDRA/CHRIS**
4. Follow up with Fresno State regarding pump efficiency testing program, and Cal Poly finalizing Dr. Burt's study. **JUAN**
5. Finalize Discretionary Merit Increase SOP. **PATRICK**
6. CDM Groundwater Sustainability Agency Subsidence Policy. Provide Region A acreage amount with map identifying all deep wells. Identify policy implementation charge. **JUAN/PATRICK**
7. SWTP update and timeline moving forward. Set meeting with Jim Gartung & Joel Greathouse. **JUAN/PATRICK**
8. Panoche being added to Water Quality JPA quarterly meeting in March. **JUAN**
9. Investigate and determine feasibility for new reserve account. Review reserve investment policy. **MARLENE/PATRICK/PHIL**
10. Letter to Growers ASAP, explaining rescheduled water. **SANDRA**
11. Detailed memo update of Forefront Solar project, return on investment, costs associated, and timeline moving forward. **JUAN/JOSH**
12. Research and develop potable new potable water agreements with residents. **JUAN/JOSH/CHRIS**
13. McElvany permit for Hanna road crossing. **CHRIS**
14. Plan, parts & materials to add additional service connection to potable water system. **CHRIS**
15. Estimates for used Dump Truck, rental fees associated with Dump Truck. **CHRIS**
16. Rescheduled water line item added to proposed 2024/25 Budget. **SANDRA**

17. The Contour Canal Project accounted accurately for on proposed 2024/25 Budget. JOSH/MARLENE
18. Determine actual capital reserve amount from WY 2023/24 to determine if reserves can fund Contour Canal project or minimizing water rates. MARLENE/SANDRA/PATRICK
19. Determine excess bond capital reserve amount. Separate Bond funds in Budget to track accordingly. MARLENE/SANDRA
20. Identify energy expense from pumping from direct connect vs. canals. JUAN
21. Identify parameters associated with utilizing bond capital. PATRICK/PHIL
22. Rescheduled water not wanted by growers either being reallocated to Growers or being placed in supplemental pool. SANDRA
23. MSWD Agenda SANDRA
24. Detailed memo explaining the benefits and risks associated with managing Mercy Springs Water District. JUAN
25. Althea home sale JUAN/PATRICK
26. Los Vaqueros Expansion Project detailed update. Including conveyance percentage, amount of water potentially moved, and all other benefits and expenses involved in proposed plan. JUAN/PATRICK
27. Employee/Labor rate increases to proposed Budget. PATRICK
28. Complete self-evaluation of six months' work performance. PATRICK
29. Register for Ethics & Compliance training conference. JOSH
30. Gain staff input and finalize risk assessment and send it to Clear Resource for review. JOSH
31. Ratify 2500 AF water transfer agreement. PATRICK

PANOCHÉ WATER DISTRICT

52027 WEST ALTHEA AVE, FIREBAUGH, CA 93622
TELEPHONE (209) 364-6136 • FAX (209) 364-6122



BOARD MEETING MEMORANDUM

TO: BOARD OF DIRECTORS

FROM: JUAN CADENA , WATER RESOURCES MANAGER

SUBJECT: ACTION ITEM 4

DATE: 3/12/2024

CC : PATRICK MCGOWAN, GENERAL MANAGER

Updates:

1. University of Fresno State (Fresno State) has teamed up with Pacific Gas & Electric Company (PG&E) and they are funding 50% of pump efficiency test cost. Panoche Water District District) staff will sign up for the program.
2. The Irrigation Training & Research Center (ITRC) staff reached out to Districts staff on February 22, 2024. ITRC staff provided an example of pump station improvements analysis for the Main Station 7W. On March 6, 2024, ITRC staff met with District staff and toured the District. ITRC will continue to analyze each pump station throughout the District.

Date: February 22, 2024
To: Juan Cadena, Water Operations Supervisor – Panoche Water District
From: Dylan Goodwin P.E., Irrigation Support Engineer – ITRC
Subject: **Modernization Priorities Meeting Notes DRAFT**

The following sections include ITRC’s preliminary findings for the modernization items discussed with Panoche Water District (PWD) Water Operations Supervisor Juan Cadena on February 21, 2024.

Section 1 provides an example pump station improvement analysis for Main Station #7W. A cost estimate is made to replace the existing single speed pumps with more efficient models, and the simple payback period from power cost savings is calculated. ITRC can define pump rehab or replacement options and budgetary costs for all underperforming district pumps.

Section 2 presents pump test results over time for select PWD stations that were discussed during the meeting. These results showed some stations had improvements over time, indicating there had been replacements or modification to the pumps. Other stations displayed a mild downward trend in efficiency over time, which is expected with normal wear and tear.

Section 1 – Pump Station Improvements – Main Station #7W

A major concern for PWD is the high energy cost incurred by the pump stations throughout the district. Pump tests as far back as 2004 report several pump stations with very low efficiencies (less than 50%). A straightforward way to save on energy costs in the long term is to replace pumps that have low efficiency.

ITRC was given a number of pump test results from PWD from 2004 to 2023 and selected Main Station #7W as an example. This station was selected due to the reported low Overall Pumping Efficiency (OPE) of 27% and the station’s location in the district (away from other potential modernization projects). Main Station #7W is equipped with two single speed pumps, but only one pump (the east pump) has been tested. In the absence of more data, it is assumed that both pumps (east and west) operate at similar efficiencies and flow rates to the pump test and for similar hours per year. Table 1 shows the results of the test performed by Madera Pumps on the East Pump of Main Station #7W in 2023.

Table 1. Summary of 2023 pump test by Madera Pumps for Main Station #7W

Test Parameter	Result
Total Lift	44 FT
Flow Rate	2,960 GPM
Input Horsepower	123 HP
Water Horsepower	33 HP
Overall Pumping Efficiency	27%

Figure 1 and Figure 2 show aerial images of Main Station #7W’s location and components.

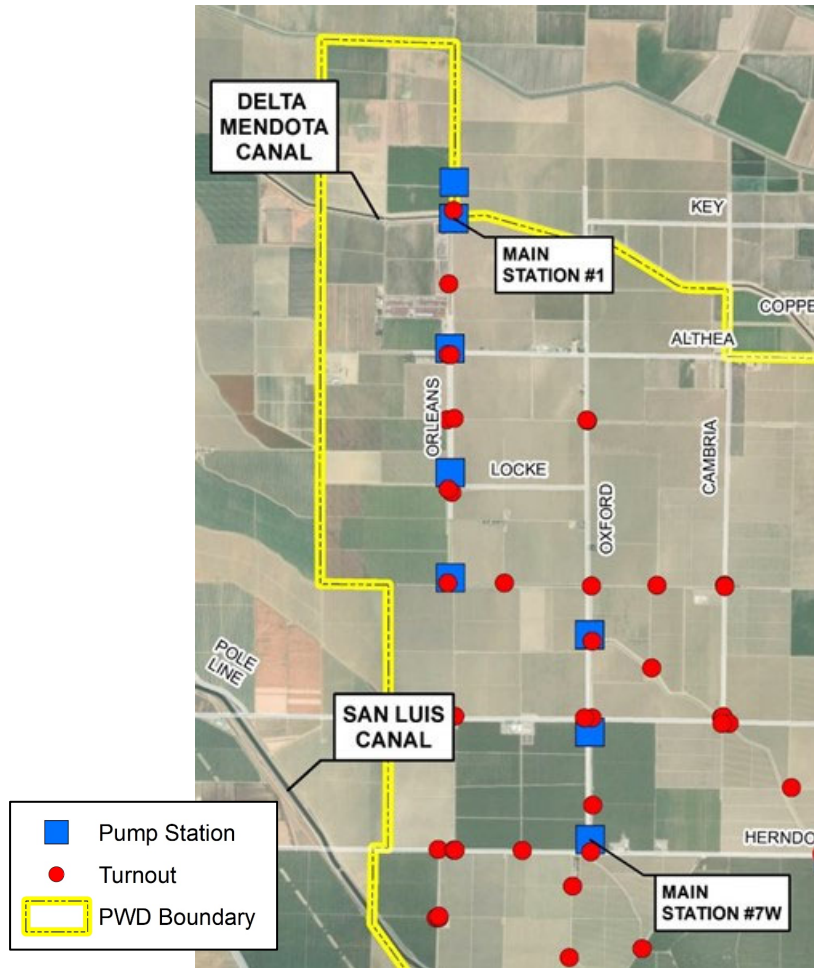


Figure 1. Main Station #7W location within PWD



Figure 2. Main Station #7W plan view

Main Station #7W has a very low efficiency for single speed pumps, which increases the power bill for the station. A new set of motors and pumps would improve the station efficiency significantly. Table 2 presents a cost estimate to only replace the existing pumps and motors with more efficient components.

Table 2. Cost estimate for Main Station 7W pump replacement

Item	Unit Cost	Quantity	Total Cost
Cascade 12MFC 1800 RPM pump and motor, curve MC1204AA3	\$90,000	2	\$180,000
50% Contingency for final engineering, installation, and testing	N/A	N/A	\$90,000
Total			\$270,000

*Cost estimate for pump is based on previous quotes from Cascade obtained by ITRC (adjusted for inflation). ITRC is waiting to hear back on updated quotes for this project.

The proposed pumps and motors would operate at a higher efficiency than the existing station. The proposed pump would operate at an efficiency of 80% (see Figure 3). Commercial electric motors for this application have efficiencies of around 92%. These two efficiencies are combined for an overall pumping plant efficiency of 74%. Using PGE power bills from 2019-2021, Table 3 shows the estimated annual savings with the more efficient pumping plant.



CASCADE PUMP COMPANY
10107 South Norwalk Boulevard • PO Box 2767
Santa Fe Springs, California 90670-0767

CURVE NUMBER
MC1204AA3

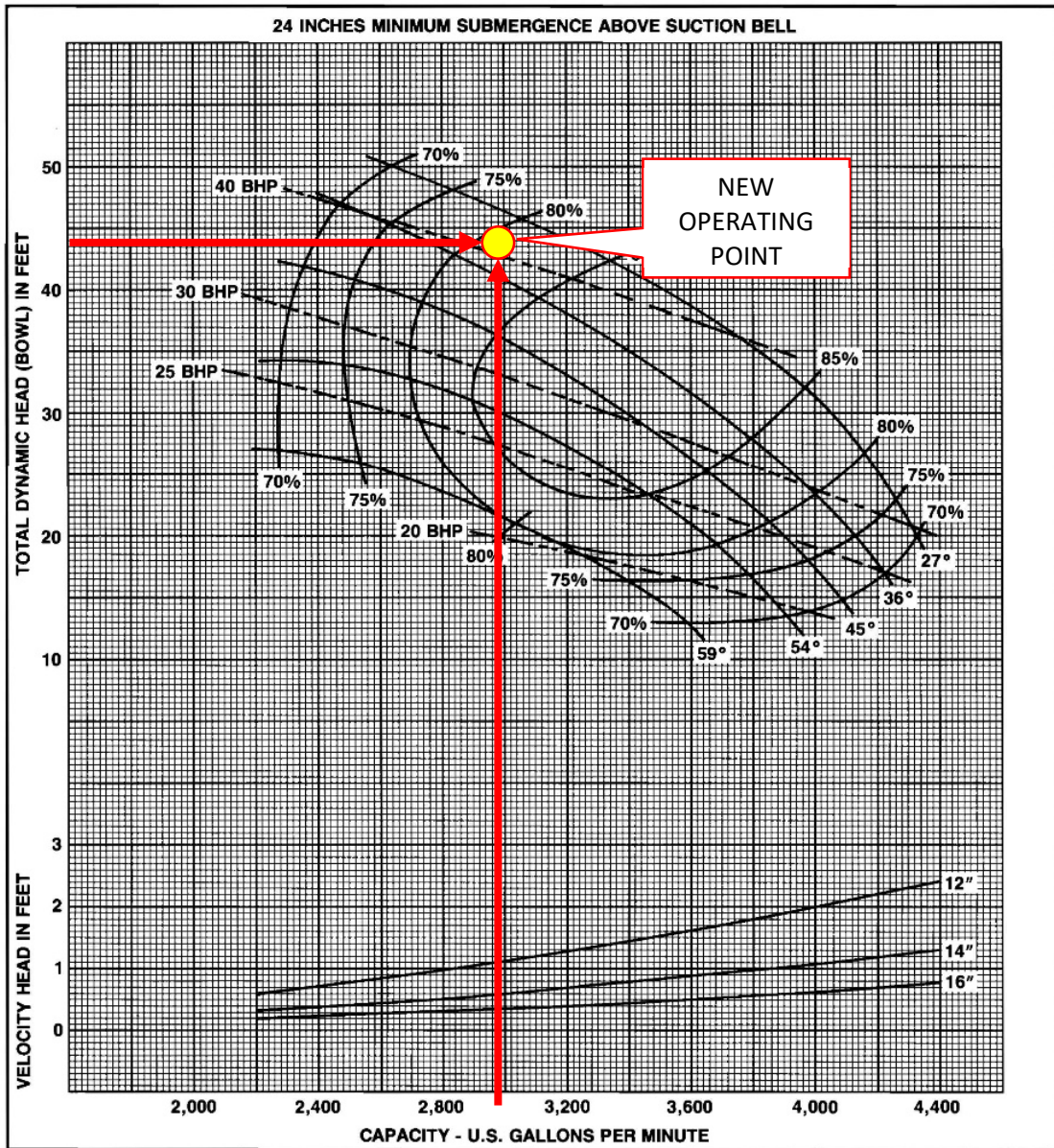
DATE
09/90

SUPERCEDES
NEW ISSUE

12

MFC

**1760
RPM**



CASCADE MIXED FLOW PUMP

CURVE CHARACTERISTICS BASED ON PUMP PERFORMANCE WITH SPECIFIED AMOUNT OF CLEAR, NON-AERATED, FRESH COLD WATER.

THIS PERFORMANCE CURVE IS FOR ESTIMATING ONLY. CURVE SHOWS SINGLE STAGE PERFORMANCE. FOR MULTIPLE, VARIABLE AND OTHER SPEED APPLICATIONS, CONSULT FACTORY.

Figure 3. Cascade 12MFC MC1204AA3 pump curve

Table 3. Estimated power costs for Main Station #7W with improved efficiency pump

Pump Parameter	Existing Conditions (A)	Proposed Conditions with New Pump and Motor (B)	Annual Potential Savings (A minus B)
Overall Pumping Efficiency (OPE)	27%	74%	
2019 Power Cost	\$176,736		
2020 Power Cost	\$100,504		
2021 Power Cost	\$133,739		
2019 – 2021 Average Power Cost	\$137,000	\$50,000	\$87,000

Table 4. Simple payback period for initial investment

Item	Value
Initial cost to replace pump and motor	\$270,000
Annual power cost savings	\$87,000
Years until initial cost is recouped by power cost savings (Initial Cost/Annual Savings)	3.1

It is estimated that the savings in power cost from installing higher efficiency pumps will cover the cost of the pump replacement in just over three years.

Section 2 – Pump Efficiency Trends

A number of PWD pumps showed improved efficiencies over time, indicating that a pump had undergone maintenance or been replaced, as efficiencies are typically expected to drop over time due to wear and tear. See Figure 4 and Figure 5 for examples. Many of these improvements were observed for pumps at the same pump stations from 2009 to 2011.

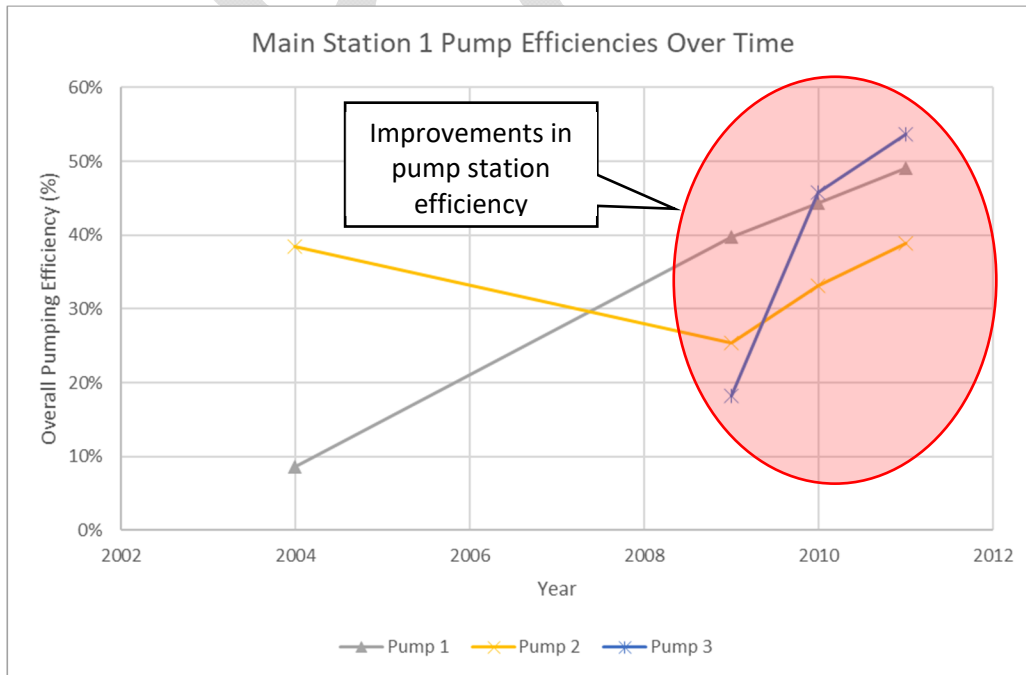


Figure 4. Main Station 1 pump test results over time

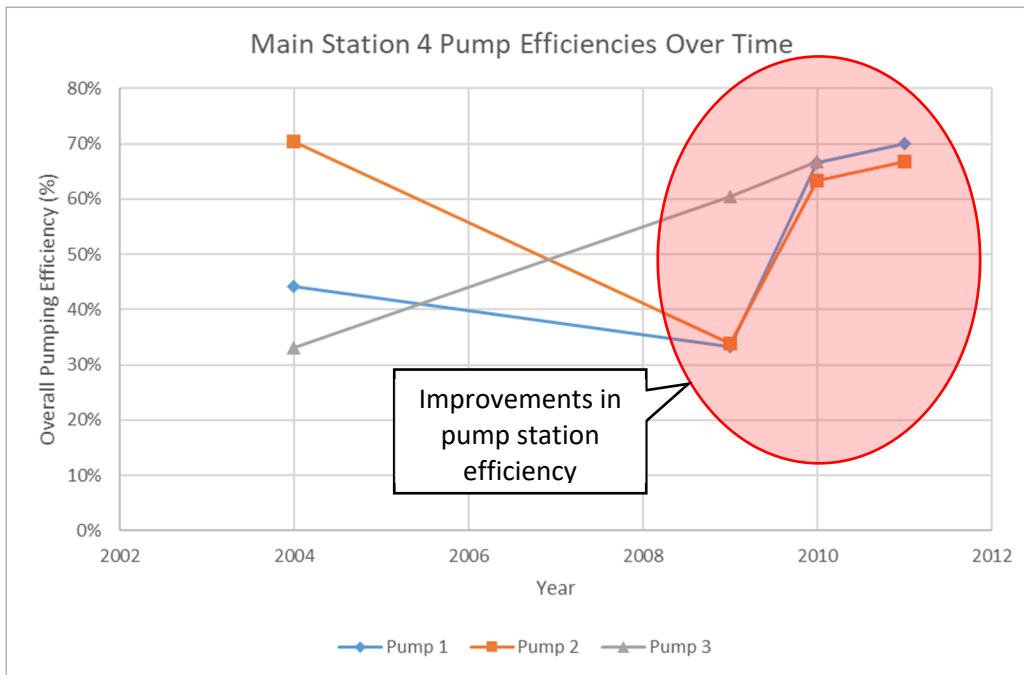


Figure 5. Main Station 4 pump test results over time

At the same time, some stations showed consistent test results with high efficiencies over time. See Figure 6 and Figure 7 for examples. The variation in test results for different stations emphasizes that future improvement recommendations should be tailored to each station individually.

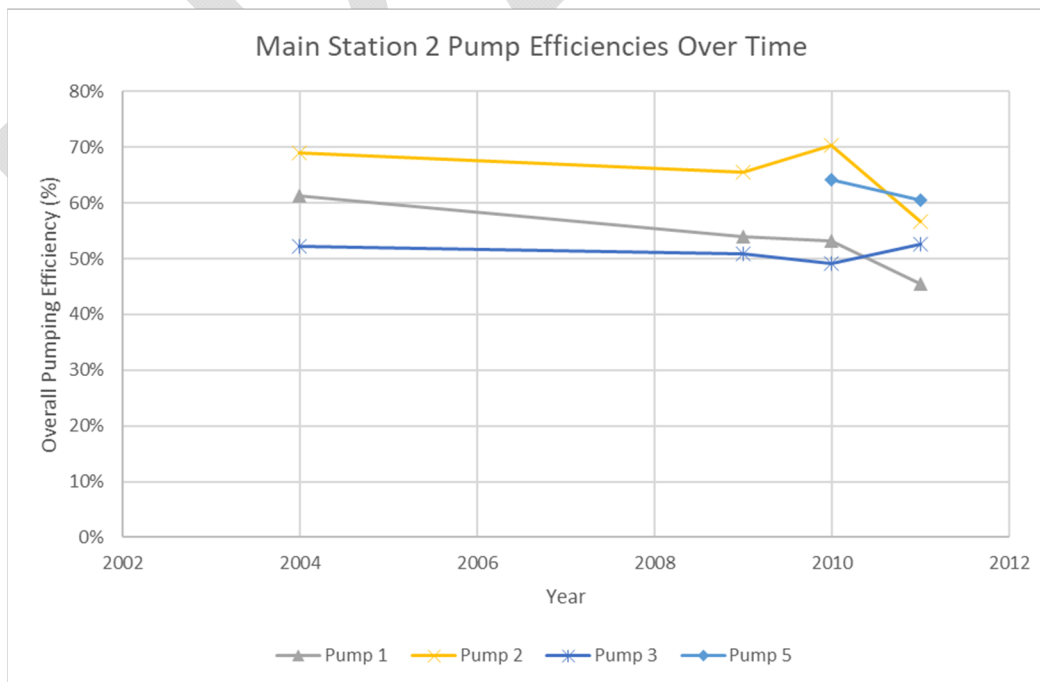


Figure 6. Main Station 2 pump test results over time

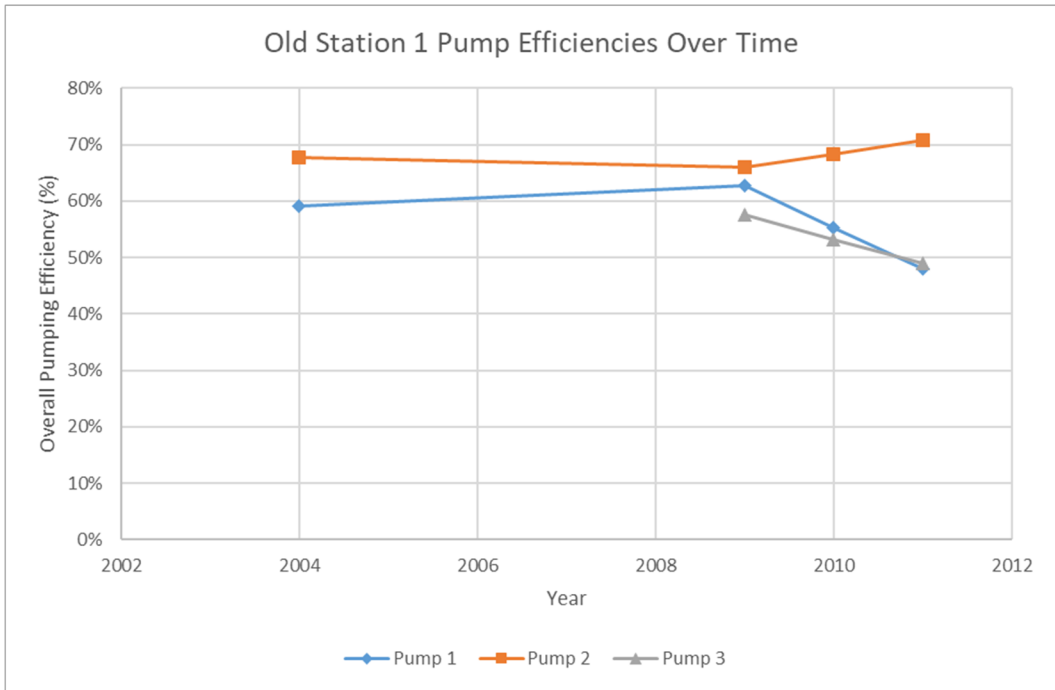


Figure 7. Old Station 1 pump test results over time

DRAFT