



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

## AGENDA

### REGULAR MEETING PARADISE IRRIGATION DISTRICT BOARD OF DIRECTORS

#### PID BOARD ROOM

6332 CLARK ROAD, PARADISE, CA 95969

**WEDNESDAY, MARCH 15, 2023 – 5:30 PM**

- ❖ *The Board of Directors is committed to making its meetings accessible to all citizens. Any persons requiring a special accommodation to participate, is requested to contact the District Secretary at (530) 876-2039 at least 48 hours in advance of the meeting.*
- ❖ *The following options are available for members of the public interested in participating in the meeting remotely:*

*Via Zoom Meeting: <https://us02web.zoom.us/j/88192841237>*

*Telephone: +1 669 900 6833 US (San Jose)*

*Meeting ID: 881 9284 1237*

*To improve participation during the meeting, we will be accepting public comments from Zoom Meeting participants during the meeting. The Board cannot take action on any matter not on the agenda. Public comments specific to an agenda item will be read directly after the agenda item and before the Board votes on an item.*

*Via Email or Telephone: Public comment will be accepted by email with the subject line PUBLIC COMMENT ITEM NO. \_\_\_ to [gborrayo@paradiseirrigation.com](mailto:gborrayo@paradiseirrigation.com) or telephone (530) 876-2039 prior to 4:00 p.m. on the day of the meeting.*

\*\*\*\*\*

**1. OPENING:**

- a. Call to Order
- b. Public & Board Members; please silence your cell phones
- c. Reflection and Pledge of Allegiance
- d. Roll Call

**2. PUBLIC COMMENT:**

Individuals will be given an opportunity to address the Board regarding matters not scheduled on the agenda, although the Board cannot take action on any matter not on the agenda. Comments will be limited to 3 minutes per speaker. Opportunity for public comment on agenda items will be provided at the time they are discussed by the Board with comments limited to 3 minutes per agenda item.

**3. APPROVAL OF CONSENT CALENDAR: *Action may be taken.***

- (Pg. 5-11) a. Approval of Meeting Agenda Order
- (Pg. 12) b. Approval of Minutes – Regular Meeting of February 15, 2023
- (Pg. 13-14) c. Approval of Equipment Purchase for Use with Masticator
- (Pg. 15-16) d. Approval of 2023 ACWA Fall Conference Expense for Attendance of Board Member
- (Pg. 17-18) e. Approval of Concept for New Pipeline – Eaglepointe Apartments, 5975 Maxwell Drive, Paradise
- (Pg. 19) f. Approval of Finance & Accounting Manager Job Description
- g. Approval to Release Request for Proposals - Meter Installation & Service Lateral Phase 3 Project

**4. TREASURER’S UPDATE:**

- (Pg. 20-24) a. **Treasurer’s Report:** Review and acceptance of the Treasurer’s Report for the period ending February 28, 2023. *Action may be taken.*

- (Pg. 25-33) b. **Expense Approval Report:** Approval of payments by check in the amount of \$850,093.43 representing check numbers 57837 through 57845 and electronic payments of \$343,264.50 by EFT for the month of February 2023 for total payments of \$1,193,357.93, excluding voided check numbers 57835 and 57836, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of March 2023. *Action may be taken.*
5. **PID STAFF & CONSULTANT REPORT UPDATES:** Verbal and written report updates from staff and consultants. *Informational Report Updates. Direction may be given.*
- (Pg. 34-35) a. District Manager's Report
- (Pg. 36-38) b. Strategic Plan Progress Report
- (Pg. 39-40) c. Customer Service Activity Report
- (Pg. 41-44) d. Field Operations Staff Report
- (Pg. 45) e. Water Treatment Plant Staff Report
- (Pg. 46-52) f. Engineering Report
- g. Water Supply Recovery Program Update: Progress update provided by Water Works Engineers
- h. Post Fire Disaster Public Assistance & Recovery Management Services Update: Verbal update provided by Nicole Maddox – Aptim Environmental & Infrastructure.
6. **UNFINISHED BUSINESS:** None to Report
7. **NEW BUSINESS:**
- (Pg. 53-55) a. **Customer Request for Adjustment of Rate Category for Agricultural Purposes** (Mickey Rich, Assistant District Manager): Review and consideration of request from Cliff Jacobson to authorize the Residential Irrigation Rate for 3344 Inspiration Lane, and the Irrigation Rate for 195 Wayland Road. *Action may be taken.*
- (Pg. 56-66) b. **Zone A Pump Station & Transmission Main Project – Construction Management** (Blaine Allen, District Engineer): Authorize staff to execute a third amendment 3 with Water Works Engineers, LLC in the amount of \$539,480 for an adjusted total contract amount of \$1,320,544.00 and authorize additional contingency funding totaling \$107,896 for construction management services for the Zone A Pump Station and Main Replacement Project. *Action may be taken.*
- (Pg. 67-69) c. **Meter Installation & Service Lateral Replacement Project – Recommendation for Time Extension** (Colleen Boak, Water Works Engineers): Authorize staff to execute a second amendment with RCI General Engineering for the addition of up to 400 service lateral replacements including a time extension of 180 calendar days, additional project cost up to \$2,500,000.00, and 10% contingency value of \$250,000 to be executed at the discretion of the District Manager or designated representative. *Action may be taken.*
- (Pg. 70-71) d. **Meter Replacement Project - Recommendation for Amendment 2 to Contract with Zenner USA** (Colleen Boak, Water Works Engineers): Authorize staff to execute a second amendment with Zenner USA for the purchase of additional meters and associated components for a not-to-exceed cost of \$126,245.29. *Action may be taken.*
- (Pg. 72-75) e. **Water Rights Permit Studies** (Tom Lando, District Manager): Authorize approval of an allocation of \$1.1 million to complete the necessary studies to apply for a Water Rights Permit and authorize the District Manager to enter into the necessary contracts and contract amendments to accomplish this process. *Action may be taken.*
- (Pg. 76-79) f. **Butte Local Agency Formation Commission – 2023 Election Ballot:** Authorize vote by official action of the Board of Directors for nomination of a Special District Regular “Enterprise” Member and authorize Certification of Ballot to Butte LAFCO. *Action may be taken.*

(Pg. 80) g. **Set Cost for Meter and Service Lateral Reconnects – Chapter 7.7.3 Discontinued Service** (Mickey Rich, Assistant District Manager): Authorize approval to adopt the proposed policy changes to the Paradise Irrigation District Policy & Procedures Manual, Chapter 7 – Water Rates, Operating Fees, and Billing Procedures. *Action may be taken.*

(Pg. 81) h. **Finance & Accounting Manager** (Mickey Rich, Assistant District Manager): Consider Second Amendment to Finance & Accounting Manager’s Employment Agreement. *Action may be taken.*

8. **DIRECTORS’ COMMENTS:** *Information Item Only.*

9. **ADJOURNMENT**

CONSENT CALENDAR  
REGULAR MEETING  
PARADISE IRRIGATION DISTRICT  
BOARD OF DIRECTORS

WEDNESDAY, MARCH 15, 2023 – 5:30 PM

AGENDA ITEM 3 – APPROVAL OF CONSENT CALENDAR:

A. APPROVAL OF MEETING AGENDA ORDER

B. APPROVAL OF MINUTES – REGULAR MEETING OF FEBRUARY 15, 2023

**Action Requested:** Approve Minutes for the regularly scheduled meeting of the Board of Directors on February 15, 2023.

C. APPROVAL OF PURCHASE – EQUIPMENT PURCHASE FOR USE WITH MASTICATOR:

**Action Requested:** Authorize the District Manager to approve the purchase of a water trailer and tilt deck equipment trailer in an amount up to \$35,000.00 for use with the District's Masticator.

D. APPROVAL OF 2023 SPRING ACWA CONFERENCE EXPENSE – DIRECTOR HINMAN:

**Action Requested:** Authorize board member expense for attendance at the ACWA JPIA Board of Directors Meeting on May 8, 2023 and ACWA 2023 Spring Conference & Expo May 9 to 11 in Monterey, California. Expenses for conference registration, hotel, and travel are in the amount of \$2,600, plus reimbursement of meals and any parking expenses.

E. APPROVAL OF CONCEPT FOR A NEW PIPELINE AT 5975 MAXWELL DRIVE FOR PROPOSED EAGLEPOINTE APARTMENTS:

**Action Requested:** Authorize approval of concept for the Eaglepointe Apartments 6" main installation and authorize District employees to work with PID Legal Counsel to establish required pipeline conveyance documentation.

F. APPROVAL OF FINANCE & ACCOUNTING MANAGER JOB DESCRIPTION:

**Action Requested:** Approve update to Finance & Accounting Manager Job Description as presented.

G. APPROVAL TO RELEASE REQUEST FOR PROPOSALS FOR MISLR PHASE 3 PROJECT:

**Action Requested:** Authorize staff to release a Request for Proposals for the Meter Installation & Service Lateral Phase 3 Project.

MINUTES

REGULAR MEETING  
BOARD OF DIRECTORS  
PARADISE IRRIGATION DISTRICT  
FEBRUARY 15, 2023

The regular meeting of the Board of Directors of the Paradise Irrigation District (PID) was called to order at 6:30 p.m. by President Shelby Boston followed by a reflection and The Pledge of Allegiance to the Flag of the United States of America.

OPENING

BOARD MEMBERS PRESENT: Directors Marc Sulik, Alan Hinman, Chris Rehmann, Vice President Bob Matthews, and President Shelby Boston

ROLL CALL

BOARD MEMBERS ABSENT: None

STAFF PRESENT: District Manager Tom Lando, Finance Manager/Treasurer Brett Goodlin, District Engineer Blaine Allen, and Secretary Georgeanna Borryo

ALSO PRESENT: Consultants Nicole Maddox with APTIM and Sami Kader & Colleen Boak with Water Works Engineers and members of the public

Representative with the Upper Ridge Coordinating Council (URCC) commented on attending the Town of Paradise / Paradise Irrigation District Liaison Committee meeting this morning and was impressed with the information and coordination of projects between the two agencies. If there is an opportunity to come together to support and provide resources available for future projects on the upper ridge, the URCC would be interested in working in collaboration with PID.

PUBLIC COMMENT  
(Item 2)

Board members reviewed consent calendar items as follows:

APPROVAL OF  
CONSENT  
CALENDAR  
(Item 3.a.-3.h.)

- 3.a. Approval of Meeting Agenda Order
- 3.b. Approval of Minutes – Regular Meeting of January 18, 2023
- 3.c. Approval of Minutes – Special Meeting of January 18, 2023
- 3.d. Approval of Letter of Commitment as participating jurisdiction in Butte County Operational Area Multi-Jurisdictional Hazard Mitigation Planning
- 3.e. Approval of Purchase – Media Replacement for the Water Treatment Plant Clarifiers
- 3.f. Approval to Issue “Letter of No Objection” regarding Public Utility Abandonment for 5975 Maxwell Drive, Paradise, California, APN: 053-380-099
- 3.g. Adopt Revisions to Standard Drawings in the PID Pipeline Installation Procedures & Specifications
- 3.h. Adopt Board Approved Policy Revisions to PID Policy & Procedures Chapter 7.7.3 – Discontinued Service

It was moved by Director Hinman and seconded by Director Sulik to approve the Consent Calendar as presented.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

ACCEPTANCE OF  
TREASURER'S  
REPORT FOR  
PERIOD ENDING  
JAN. 31, 2023  
(Item 4.a.)

Board members reviewed a written Treasurer's Report prepared by Finance Manager / Treasurer Brett Goodlin for the period ending January 31, 2023, highlighting the District's cash position, debt service analysis, and operational overview. Treasurer Goodlin further reported the District has received the additional pro rata payment of 15% from the PG&E Fire Victim Trust.

It was moved by Director Sulik and seconded by Director Hinman to accept the Treasurer's Report as presented for the period ending January 31, 2023.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

MID-YEAR BUDGET  
REVIEW FOR  
FY 2022-2023  
(Item 4.b.)

Treasurer Goodlin reported meeting with the Finance Committee on February 6, 2023 to review the Mid-Year Budget and recommended budget adjustments for fiscal year 2022-2023 in reference to revenue, expenses, staffing, and capital. Authorization of an Assistant District Engineer is listed as a separate agenda item under new business item 8.d.; however, authorization for this position is included in the recommended budget adjustments. Staff confirmed upon Board approval to obtain quotes for repair or replacement of the main office roof and workspace accommodations to replace office furniture as outlined under capital projects, cost estimations would be presented to the full board for review and final approval.

It was moved by Director Rehmann and seconded by Director Hinman to accept the Mid-Year Budget Adjustments for Fiscal Year 2022-2023 as presented.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

EXPENSE  
APPROVAL  
REPORT FOR THE  
MONTH OF  
JANUARY 2023  
APPROVED  
(Item 4.c.)

Board members reviewed accounts payable expense reports for the month of January 2023. It was moved by Director Matthews and seconded by Director Sulik to approve payments by check in the amount of \$448,331.35 representing check numbers 57832 through 57834 and electronic payments of \$713,974.54 by EFT for the month of January 2023 for total payments of \$1,162,305.89, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of February 2023.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

PID STAFF &  
CONSULTANT  
REPORT UPDATES  
(Item 5.a. – 5.h.)

Board members reviewed written Staff and Consultant Report updates provided in the agenda packet. Additional discussion included: 1) Comment by Town representatives at the TOP / PID Liaison Committee Meeting encouraging support of Assembly Bill No. 556 introduced by Assembly Member James Gallagher in reference to property taxation; 2) Water Supply Recovery Program Update from Water Works Engineers; and 4) Post Fire Disaster Public Assistance & Recovery Management Services update from Nicole Maddox with Aptim Environmental & Infrastructure.

Finance Committee: Directors Matthews and Rehmann reported meeting on February 6, 2023. In addition to the mid-year budget review, discussion included paying off outstanding debt to provide additional cash flow toward operating expenses, vehicle and equipment replacement program, and grant funds.

COMMITTEE  
REPORTS  
(Item 6.a. & 6.b.)

Community Relations Committee: Committee members reported business included community outreach discussion regarding the assessment process, additional messaging to encourage customers to sign up with DropCountr, and plans underway for the Paradise Garden Tour on June 3 & 4. District Manager Tom Lando added the Town of Paradise has agreed to undertake the rezoning process on behalf of PID for an electronic message sign in front of the PID office on Clark Road.

No unfinished business to report.

UNFINISHED  
BUSINESS (Item 7.)

Board members discussed amending the regular monthly meeting schedule of the Board of Directors to change the evening meeting time from 6:30 p.m. to 5:30 p.m. During the months of June and December, regular meetings shall remain unchanged and will be conducted at 8:30 a.m. The proposed time of all other regular meetings of the Board is 5:30 p.m.

NEW BUSINESS:

RESOLUTION NO.  
2023-03 ADOPTED  
AMENDING  
REGULAR  
EVENING MEETING  
SCHEDULE TO  
5:30 PM  
(Item 8.a.)

It was moved by Director Matthews and seconded by Director Sulik to adopt Resolution No. 2023-03 amending the regular monthly evening meeting time of the Board of Directors from 6:30 p.m. to 5:30 p.m. Director votes were polled as follows by roll call:

AYES: Directors Matthews, Rehmann, Sulik, and President Boston  
NOES: Director Hinman  
ABSENT: None

**Motion passes 4-1**

It was moved by Director Sulik and seconded by Director Matthews to adopt the proposed revisions to Chapter 4.1.A – Regular Meetings under Chapter 4 of PID Policy & Procedures to reflect the amendment to the regular monthly meeting schedule of the Board of Directors adopted under Resolution No. 2023-03.

REVISION TO PID  
POLICY &  
PROCEDURES,  
CHAPTER 4.1.A –  
REGULAR  
MEETINGS  
ADOPTED  
(Item 8.b.)

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

District Engineer Blaine Allen reported staff is requesting \$210,500 for the application fee for the Magalia Dam 100% design project and construction of repairs. Staff has contacted the Division of Safety of Dams (DSOD) regarding required permitting to move this project forward. DSOD has advised that PID submit an “Application for Approval of Plans and Specifications for the Repair or Alteration of a Dam and Reservoir.” Submittal of an application for both design and construction at the same time would minimize the total cost of the application process.

MAGALIA DAM  
ADVANCE  
ASSISTANCE –  
DSOD  
APPLICATION FOR  
REQUIRED  
PERMITTING  
(Item 8.c.)

It was moved by Director Rehmann and seconded by Director Sulik to approve the recommended budget adjustment and authorize the District Manager to pay the fee associated with the Application for Approval of Plans and Specifications for the Repair or Alteration of a Dam and Reservoir at a total not to exceed cost of \$210,500.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

COMMUNITY  
BLOCK GRANT  
FUNDING &  
PROJECTS  
(Item 8.d.)

Staff reported Paradise Irrigation District received information on funding through the Community Development Block Grant (CDBG) Funding Program with the Town of Paradise in August 2022 in the amount of \$3,518,100. PID had multiple projects that were submitted to be covered by this program. The District did not receive full funding for all projects but did receive enough funding to complete some of the projects as submitted. There was also a major project submitted, Zone A Pipeline, that received separate funding after the grant was awarded. Therefore, the Zone A pipeline was removed from the list of possible projects to be covered by this grant.

Staff recommends doing all the remaining projects within the grant budget as follows, except for the Zone A additional tank and is seeking direction from the Board of Directors.

- Magalia Dam Spillway Reinforcement – Gabion Wall (\$200,000)
- Solar Panels at Water Treatment Plan, Corp. Yard, and/or Office (1,500,000)
- Lake Level Monitor and Ball Valve Replacement (\$300,000)
- Storage Tank Upgrades and Relining (\$4,750,000)  
Zone A additional Tank (not recommended)  
Recoating interior and exterior of Tanks C, D, and E (recommended)
- Cathodic Protection System for Storage Tanks (\$300,000)

It was moved by Director Sulik and seconded by Director Matthews to provide staff direction to plan for projects as indicated, excluding the Zone A additional tank.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston

NOES: None

ABSENT: None

**Motion passes 5-0**

ASSISTANT  
ENGINEER  
POSITION  
(Item 8.e.)

Discussion and approval of this position was provided under acceptance of the Mid-Year Budget Review & Adjustments for fiscal year 2022-2023 presented under agenda item 4.b.

PID POLICY &  
PROCEDURES –  
PROPOSED  
ADDITION OF  
CHAPTER 7.7.5  
RE: CUSTOMER  
DISCONNECTIONS  
OF WATER  
SERVICE (Item 8.e.)

Board members discussed adding an additional item to Chapter 7, section 7 regarding customer disconnections of water service:

Proposed Chapter 7.7.5:

Owners will not be granted a discontinuance of service after February 15, 2023, except in the case where the lot has been legally merged with a lot that has established water service within the District.

Directors expressed reluctance of an immediate effective date of February 15 and suggested an implementation date of May 1, 2023 to allow for additional community outreach.

It was moved by Director Rehmann and seconded by Director Matthews to authorize approval eliminating the option for customers to disconnect water service and update the Paradise Irrigation District Policy and Procedures Manual, Chapter 7 – Water Rates, Operating Fees and Billing Procedures as amended with an effective date of May 1 2023.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston

NOES: None

ABSENT: None

**Motion passes 5-0**

The Butte County Local Agency Formation Commission (LAFCO) is calling for nominations to serve on the Commission for one Special District Regular “Enterprise” Member. The term of this seat is four years and will begin June 1, 2023 and expire May 31, 2027.

LAFCO CALL FOR NOMINATIONS – ELECTION OF A SPECIAL DISTRICT REGULAR “ENTERPRISE” MEMBER (Item 8.f.)

It was moved by Director Boston and seconded by Director Hinman to authorize the submittal of a nomination letter to the Butte Local Agency Formation Commission to recommend Bob Matthews as a nominee for the election of a Special District Regular “Enterprise” Member to serve on the Commission.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

The Association of California Water Agencies (ACWA) Region 2 Board is seeking ACWA members who are interested in serving in a leadership role within ACWA by becoming a Region 2 Board Member for the remainder of the 2022-2023 term. District Manager Tom Lando stated that given the issues other districts are facing regarding water supply and issues such as PFAS, it might serve ACWA to have representation from one of the districts more directly affected. **No Board action taken on this item.**

CALL FOR NOMINATIONS – ACWA REGION 2 BOARD (Item 8.g.)

District Manager Tom Lando reported the District is proceeding with construction of the Zone A pipeline down Skyway and at this point it is unclear what the District’s property rights are to accomplish this project. The purpose of this item is to authorize agency negotiators to negotiate the acquisition on behalf of the District.

ZONE A PIPELINE – DESIGNATION OF AGENCY NEGOTIATORS (Item 8.h.)

It was moved by Director Rehmann and seconded by Director Matthews to authorize Emily LaMoe, Blaine Allen, and Tom Lando as agency negotiators on behalf of the District in reference to the Zone A Pump Station and Main Replacement Project.

AYES: Directors Matthews, Hinman, Rehmann, Sulik, and President Boston  
NOES: None  
ABSENT: None

**Motion passes 5-0**

Director Rehmann: Encouraged the Community Relations Committee continue to inform the community about DropCountr. It is a great resource and tool to monitor water usage and potential leaks.

DIRECTORS’ COMMENTS (Item 9)

Director Hinman: Acknowledged Water Works Engineers and RCI General Engineering for their work in reference to the Meter Installation and Service Lateral Replacement Project.

Director Matthews: Stated he is looking forward to the future and achieving further progress.

Director Sulik: Commented on a water leak on his street and thanked the distribution crews for their work to repair the leak.

President Boston announced the Board will adjourn to closed session to discuss agenda items 10.a. through 10.g. Following an opportunity for public comment, the Board adjourned to closed session at 8:05 p.m. regarding the following:

CLOSED SESSION (Items 10.a. – 10.g.)

CLOSED SESSION  
(Items 10.a – 10.g.)

10.a. CONFERENCE WITH REAL PROPERTY NEGOTIATORS (California Government Code § 54956.8).

Property: 6818 Depot Lane, Magalia, CA 95954, APN: 066-470-017-000  
Agency Negotiators: Tom Lando, Blaine Allen, and Emily LaMoe  
Negotiating Parties: Clifford John Keith  
Under Negotiation: Price and terms of payment

*Closed Session Announcement: Direction has been given to agency negotiators.*

10.b. CONFERENCE WITH REAL PROPERTY NEGOTIATORS (California Government Code § 54956.8).

Property: Portion of New Skyway Road, Magalia, CA 95954, APN: 066-460-005-000  
Agency Negotiators: Tom Lando, Blaine Allen, and Emily LaMoe  
Negotiating Parties: Union Pacific Railroad Company  
Under Negotiation: Price and terms of payment

*Closed Session Announcement: Direction has been given to agency negotiators.*

10.c. CONFERENCE WITH REAL PROPERTY NEGOTIATORS (California Government Code § 54956.8).

Property: Portion of New Skyway Road, Magalia, CA 95954, APN: 066-460-011-000  
Agency Negotiators: Tom Lando, Blaine Allen, and Emily LaMoe  
Negotiating Parties: Union Pacific Railroad Company  
Under Negotiation: Price and terms of payment

*Closed Session Announcement: Direction has been given to agency negotiators.*

10.d. CONFERENCE WITH REAL PROPERTY NEGOTIATORS (California Government Code § 54956.8).

Property: Portion of New Skyway Road, Magalia, CA 95954, APN: 066-470-020-000  
Agency Negotiators: Tom Lando, Blaine Allen, and Emily LaMoe  
Negotiating Parties: Union Pacific Railroad Company  
Under Negotiation: Price and terms of payment

*Closed Session Announcement: Direction has been given to agency negotiators.*

10.e. CONFERENCE WITH REAL PROPERTY NEGOTIATORS (California Government Code § 54956.8).

Property: Portion of New Skyway Road and portion along pedestrian path in the Town of Paradise, County of Butte, APN: 066-460-014-000  
Agency Negotiators: Tom Lando, Blaine Allen, and Emily LaMoe  
Negotiating Parties: Union Pacific Railroad Company  
Under Negotiation: Price and terms of payment

*Closed Session Announcement: Direction has been given to agency negotiators.*

10.f. CONFERENCE WITH LABOR NEGOTIATORS (California Government Code § 54957.6).

Agency Designated Representative: Tom Lando, District Manager  
Employee Organization: Management Unit represented by Teamsters Local 137

*Closed Session Announcement: Direction has been given to agency representative.*

10.g. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (California Government Code § 54957(b). Finance & Accounting Manager

CONTINUED –  
CLOSED SESSION

*Closed Session Announcement: Direction has been provided to staff.*

President Boston reconvened the regular meeting at 8:56 p.m. and provided closed session announcement information as listed in italicized print under each closed session item.

CLOSED SESSION  
ANNOUNCEMENT

There being no further business, it was moved by President Boston to adjourn the regular meeting. The regular meeting of the PID Board of Directors was adjourned at 8:58 p.m.

ADJOURNMENT OF  
MEETING

\_\_\_\_\_  
Georgeanna Borrayo, Secretary

\_\_\_\_\_  
Shelby Boston, President

PENDING BOARD APPROVAL



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**DATE: March 3, 2023**

**TO: Board of Directors**

**FROM: Tom Lando, District Manager  
Bill Taylor, Water Treatment Superintendent**

**RE: Equipment purchase for using Masticator  
03/15/2023 Board of Directors Meeting**

With Spring quickly approaching, staff would like to be ready to put the District's Masticator to use this year doing some clearing work and maintenance around the Treatment Plant.

In order to do so, two pieces of equipment are recommended.

The first is a 500-gallon water trailer. This trailer will be set up with a pump and fire hose. It will accompany the Masticator when in operation and be used for emergency fire suppression should the masticating start a fire. Water trailers of this capacity are running in the \$10,000 price range.

The second is a tilt deck equipment trailer to haul the masticator on. The current equipment trailer the District owns is much too large for our pickups to handle. This new trailer will provide the ability to move the masticator around with a pickup truck. This makes it much easier to get around and maneuver. It also keeps us from having to borrow a dump truck whenever we want to use the masticator. These trailers appear to be running around \$15,000.

In the Treatment Plant budget for this year, \$75,000 was allocated for Clarifier media. The media only cost \$40,000, which leaves \$35,000 to put towards this purchase.

With current supply and demand issues being what they are for vehicles and equipment, I would like the board to approve up to \$35,000 to purchase the two pieces of equipment following District procurement policy obtaining quotes if possible, and purchasing from the lowest responsible party that has available inventory and meets District requirements.

The following action is requested:

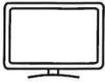
*"Authorize the District Manager to approve the purchase of a water trailer and tilt deck equipment trailer in an amount up to \$35,000.00 for use with the District's Masticator."*



# ACWA 2023 Spring Conference & Expo

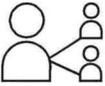
May 9 - 11, 2023 | Monterey, CA

## REGISTRATION, MEALS AND HOTEL INFORMATION SHEET



### REGISTER ONLINE

Register online by **April 21, 2023** at [www.acwa.com](http://www.acwa.com) to take advantage of the advance pricing.



### REGISTER ON SOMEONE'S BEHALF

Select from a list of people affiliated with your company in your account. If the registrant is not listed, you will need to create a Portal profile for the registrant through the ACWA website before registering.

**GROUP SAVINGS!** Register 5 individuals from the same organization, receive a 6th registration free!  
(Subject to [terms and conditions](#).) Contact **Teresa Taylor** at [TeresaT@acwa.com](mailto:TeresaT@acwa.com) for more information before registering.

REGISTRATION OPTIONS <i>Advantage pricing applies to ACWA public agency members, associates &amp; affiliates. Standard pricing applies to non-members of ACWA.</i>	ADVANCE DEADLINE: 4/21/23		ONSITE	
	ADVANTAGE	STANDARD	ADVANTAGE	STANDARD
<b>Full Conference Registration &amp; Meals Package</b> Includes access to all conference programs, meal functions, Exhibit Hall and access to On-Demand Designated Conference Recordings after the live conference.	\$815	N/A	N/A	N/A
<b>Full Conference Registration Only (meals sold separately)</b> On-Demand Designated Conference Recordings NOT included but may be purchased separately.	\$650	\$975	\$680	\$1005
<b>Tuesday Committee Meetings Only</b> (complimentary - must register to attend)	\$0	\$0	\$0	\$0
<b>One-Day Conference Registration (meals sold separately)</b> <b>Wednesday, May 10:</b> Includes access to Welcome Reception in the Exhibit Hall on Tuesday night, access to the Exhibit Hall and all conference programs on Wednesday only. <b>Thursday, May 11:</b> Includes access to the Exhibit Hall, all conference programs and the Closing Reception on Thursday only.	\$390	\$585	\$420	\$615
<b>Guest Conference Registration (meals sold separately)</b> Guest registration is not available to anyone with a professional reason to attend.	\$75	\$75	\$75	\$75
<b>PRE-ORDER: On-Demand Designated Conference Recordings Only</b> Includes on-demand access to all designated recorded sessions after the live conference.	\$230	\$345	\$230	\$345
MEAL FUNCTIONS	ADVANCE		ONSITE	
Wednesday Opening Breakfast - May 10	\$50		\$55	
Wednesday Networking Luncheon - May 10	\$55		\$60	
Thursday Continental Breakfast in Exhibit Hall - May 11	\$40		\$45	
Thursday Luncheon - May 11	\$55		\$60	

### HOTEL INFORMATION

You must be registered for the ACWA conference in order to receive hotel reservation information and conference special room rate. **Conference special rate is available February 10 - April 3**, based on availability.

#### HOTEL & ROOM RATES

**Portola Hotel & Spa at Monterey Bay** Two Portola Plaza  
\$249 per night (plus applicable state, local taxes & fees)

**Monterey Marriott** 350 Calle Principal  
\$279 per night (plus applicable state, local taxes & fees)

#### HEALTH & SAFETY

Please check [ACWA's conference page HERE](#) for current health & safety mandates.

#### IMPORTANT DATES

**The conference hotel room block opens on February 10, 2023.**

**Deadline for group rate is April 3, 2023**

For those **registering for conference prior to February 10**, information on how to reserve your hotel room will be provided via e-mail on February 10.

For those registering for conference from **February 10 to April 3**, your **confirmation e-mail** will include the information on how to reserve your hotel room and an opportunity to receive a conference special hotel rate.

★ Agenda items marked with this symbol will be recorded and available for on-demand access after the live event.

Note: Tuesday Committee meetings will not be recorded or available on-demand.

## ACWA JPIA - MONDAY, MAY 8

**8:30 - 10:00 AM**

- ACWA JPIA Program

**10:15 - 11:15 AM**

- ACWA JPIA Executive Committee

**11:30 - 12:30 PM**

- ACWA JPIA Pre-Board Meeting Lunch

**1:00 - 5:00 PM**

- ACWA JPIA Board of Directors / Town Hall

## TUESDAY, MAY 9

**7:00 AM - 6:00 PM**

- Registration

**8:00 AM - 9:45 AM**

- Agriculture Committee

**8:30 AM - Noon**

- ACWA JPIA Seminars

**10:00 - 11:45 AM**

- Groundwater Committee
- Energy Committee

**11:00 AM - Noon**

- Outreach Task Force

**Noon - 2:00 PM**

- Committee Lunch Break

**1:00 - 2:45 PM**

- Legal Affairs Committee
- Finance Committee
- Water Management Committee
- Water Quality Committee

**1:00 - 3:00 PM**

- ACWA JPIA: Sexual Harassment Prevention for Board Members & Managers (AB 1825)

**3:00 - 4:45 PM**

- Communications Committee
- Federal Affairs Committee
- Local Government Committee
- Membership Committee

**5:00 - 6:30 PM**

- Welcome Reception in the Exhibit Hall

## WEDNESDAY, MAY 10

**7:30 AM - 5 PM**

- Registration

**8:00 - 9:45 AM**

- Opening Breakfast *(Ticket Required)* ★

**8:30 AM - 6:00 PM**

- Connect in the Exhibit Hall

**10:15 - 11:30 AM**

- Attorneys Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Water Industry Trends Program ★
- Roundtable Talk

**11:30 AM - 1:30 PM**

- Connect in the Exhibit Hall
- Networking Lunch *(Ticket Required)*

**1:45 - 3:00 PM**

- Attorney Program ★
- Communications Committee Program ★
- Finance Program ★
- Federal Forum ★
- Statewide Forum ★
- Roundtable Talk

**3:15 - 4:45 PM**

- Regions 1-10 Membership Meetings

**5:00 - 6:00 PM**

- ACWA Reception in the Exhibit Hall

**6:00 - 7:00 PM**

- CalDesal Hosted Mixer
- Jacobs Hosted Mixer

**6:00 - 7:15 PM**

- Women in Water Hosted Reception

## THURSDAY, MAY 11

**7:30 AM - Noon**

- Registration

**8:00 AM - 9:30 AM**

- Exhibitor Demonstrations
- Networking Continental Breakfast in the Exhibit Hall *(Ticket Required)*

**8:30 - 10:00 AM**

- Media Training

**8:30 - 10:45 AM**

- Ethics Training (AB 1234) - *Limited Seating*

**9:30 AM - 10:00 AM**

- Prize Drawings in the Exhibit Hall

**10:15 - 11:30 AM**

- Attorney Program ★
- Finance Program ★
- Region Forum ★
- Statewide Forum ★
- Water Industry Trends Program ★
- Roundtable Talk

**Noon - 1:45 PM**

- General Luncheon *(Ticket Required)* ★

**2:00 - 3:30 PM**

- Innovation Forum ★
- Region Forum ★
- Water Industry Trends Program 1 ★
- Water Industry Trends Program 2 ★

**3:30 - 4:30 PM**

- Closing Reception

*Last modified: March 7, 2023*

Registration required to attend any part of ACWA's Spring Conference & Expo, including Tuesday, May 9 complimentary committee meetings. See [www.acwa.com](http://www.acwa.com) for health & safety attendance requirements.



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**DATE:** March 6, 2023  
**TO:** Board of Directors  
**FROM:** Blaine Allen, District Engineer  
**RE:** Approval of Concept for a New Pipeline at  
5975 Maxwell Drive for Eaglepointe Apartments  
**3/15/23 Board of Directors Regular Meeting**

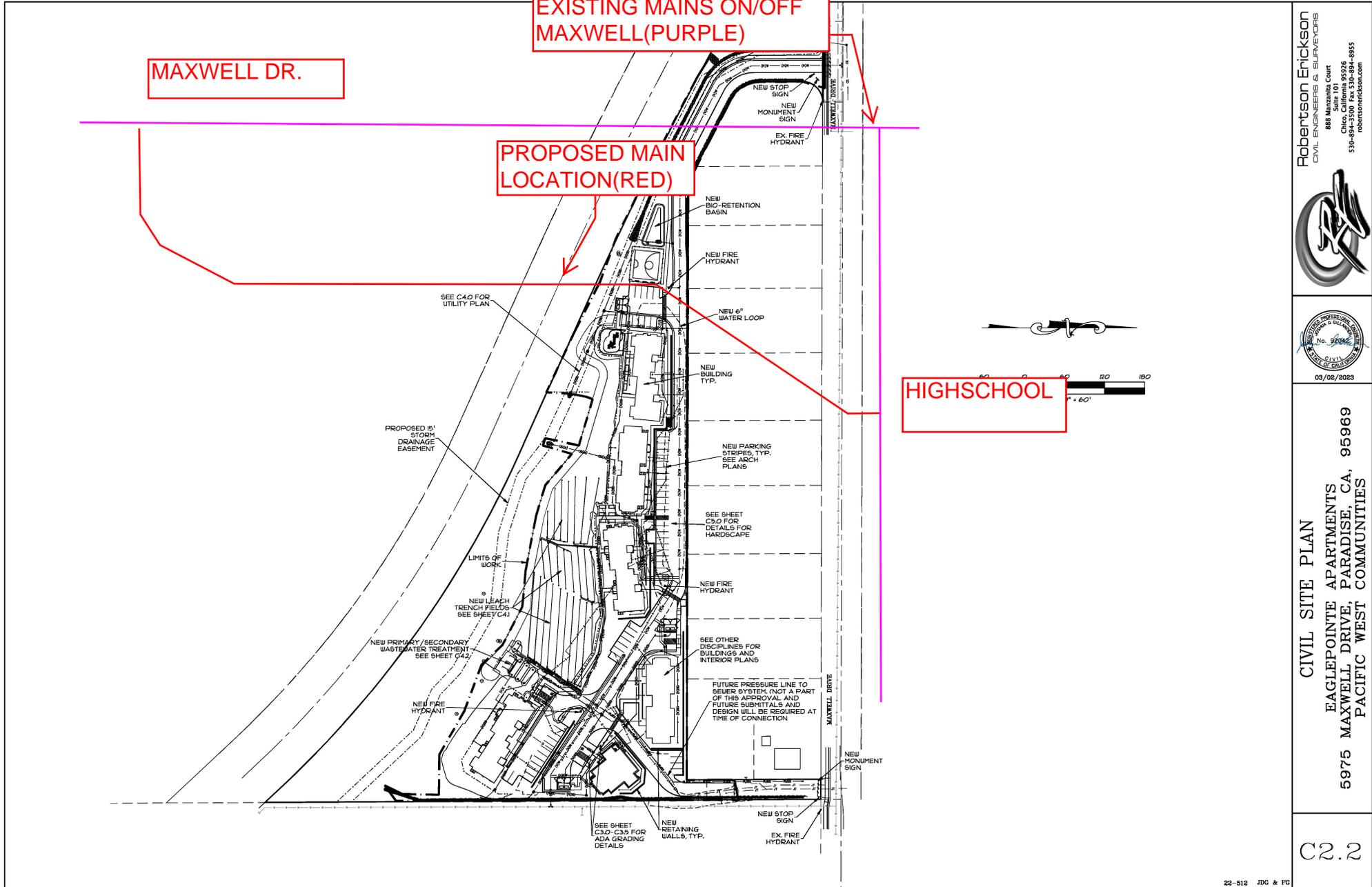
The proposed project for the Board's review is the Eaglepointe Apartments and new 6" water main through the property located at 5975 Maxwell Dr. There will be multiple meters installed/replaced on this project and the fire hydrant currently on this property will remain but be relocated. This property currently has a 6" main running through a portion of it that was used to serve this property previously. The old main section is to be abandoned and replaced with a new 6-inch C-900 pipe with all service laterals, fire hydrants and district facilities tied into the new pipeline. This pipeline will be installed to create a loop going from the cross country main off Maxwell Drive to the pipeline running down Maxwell.

The easement for the former main running through a portion of the property will be abandoned and a new 20-foot easement will be granted to PID for the new pipeline.

Once the concept review has been approved by the Board PID employees will work with legal counsel to prepare pipeline conveyance documents. PID employees will also work with Robertson Erickson Engineering on any questions or concerns, as well as required fees to move project towards approval for construction.

Action requested:

*"Authorize the approval of concept for the Eaglepointe Apartments 6" main installation. District employees are to work with legal counsel to establish required pipeline conveyance documentation."*



**Robertson Erickson**  
 CIVIL ENGINEERS & SURVEYORS  
 888 Marzanita Court  
 Suite 101 #5026  
 Chico, CA 95926  
 530-894-3100 Fax 530-894-8955  
 robertsonerickson.com



03/08/2023

**CIVIL SITE PLAN**  
**EAGLEPOINTE APARTMENTS**  
**5975 MAXWELL DRIVE, PARADISE, CA, 95969**  
**PACIFIC WEST COMMUNITIES**

C2.2

## FINANCE AND ACCOUNTING MANAGER

### Definition

Under general direction from the District Manager, the Finance and Accounting Manager plans, organizes, and directs the financial, accounting, and business-related administrative functions of the District; assists the District Manager with the protection of District assets and the maintenance of budget controls; performs the most complex accounting functions; invests District funds; and provides direction for implementing District policies and programs.

### Finance and Accounting Manager

### Examples of Duties

- Serves as the Controller for the District.
- Plans, organizes, directs, and manages District financial, accounting, and investment decisions.
- Provides long range financial planning, protection of District assets, and development and maintenance of budget controls.
- Prepares, presents, and monitors the District's budget.
- Assumes responsibility for the proper investment of District funds in accordance with the District's investment policy.
- Coordinates the District's outside annual certified audit, participates in the selection process of the auditing firm, and implements adequate internal controls to safeguard the District's assets.
- Administers long-term capital project financings, reviews interest rate opportunities, and monitors bond covenant/continuing disclosure certifications.
- Oversees the recording of assets and ensures timely posting of general ledger activity; and directs the development, preparation, and timely presentation of financial reports and statements.
- Maintains proper administration of District's grant funding opportunities.
- Administers the District insurance and risk management functions.
- Assists the District Manager in the development of District collective bargaining proposals.
- Serves as District Treasurer which shall be appointed by the Board of Directors.
- Performs related duties as assigned.

### Required Knowledge

- Principles and practices of budgeting, accounting, finance, investment, and the development and maintenance of fiscal controls.
- Laws, rules, ordinances, and legislative processes controlling special district functions and operations.
- Principles and practices of auditing.
- Computerized management information and fiscal systems.
- Risk management and insurance.
- Investment principles and practices.
- Cost estimating and contract administration.
- Public personnel administration, affirmative action, and employer-employee relations.
- Principles and practices of personnel administration.

### Ability To

- Plan, organize, coordinate, and direct the financial, budgeting, personnel and benefit system, management information systems, investment, and risk management functions of the District.
- Exercise leadership, authority, and supervision tactfully and effectively.
- Provide supervision, training, work development, and evaluations for finance/accounting, administrative and office staff.
- Coordinate District budget development and fiscal controls.
- Direct the maintenance of ledgers and journals and oversee the preparation of timely financial reports and statements.
- Effectively represent the District's personnel policies, programs, and services with individual citizens, community groups, and other governmental organizations.
- Maintain responsibility for insurance and risk management functions.
- Communicate well during public presentations.
- Provide advice and consultation to the District Manager on the development of fiscal system, policies, and assets.

### Desirable Qualifications

Broad and extensive work experience that includes performing financial analysis, accounting, management information system development, budgeting, risk management work, and personnel system development and administration including position classification, compensation system development, equal employment opportunity, and benefit administration.

A Bachelor's degree in Finance, Accounting, Business Administration, or closely related field from an accredited college or university is desirable. Possession of a valid California Class C Drivers License will be required free of any multiple or serious traffic violations or accidents.

### Typical Physical Activities

- May occasionally travel by airplane and automobile in conducting District business.
- Communicates orally with District Board members, co-workers, and the public in face-to-face, one-on-one and group settings.
- Regularly uses a telephone for communication.
- Uses office equipment such as computer terminals, copiers, and FAX machines.
- Sits for extended time periods. Works a full day at the District office.
- Hearing and vision within normal ranges.



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**DATE: March 7, 2023**  
**TO: Board of Directors**  
**FROM: Blaine Allen, District Engineer**  
**RE: MISLR Phase III Project**  
**3/15/23 Board of Directors Regular Meeting**

As has been discussed and conceptually agreed to by the Board, staff is recommending we proceed with the Meter Installation and Service Lateral (MISLR) Phase 3 Project at the District's cost (we will pursue grant funding to the extent possible). The Engineer's estimated cost for this project is \$54 million dollars. Staff has been working diligently with Water Works Engineers to prepare the bid package for the MISLR 3 project. The package has been prepared and is ready to go out for proposals. This project will include installing service laterals and meters for all remaining accounts that were connected pre-fire. This will include all active and disconnected parcels.

There have been changes made to this phase based on prior experience. Some of these changes include the contractor will be providing 2 week and 48-hour notice to customers before service interruptions. The installations will be going street by street, which will boost efficiency. All main sizes will be included, which will reduce the amount of service laterals being installed by PID Distribution Staff.

The plan is to go street by street through town and stay ahead of the Town of Paradise road paving projects. It will still be necessary to jump around from site to site for building permits as needed. The current plan is to complete 3,150 meters with MIU's. These meters will range from ¾" to 2" in size, depending on location. The contractor will also replace 4,750 service laterals.

This project is expected to begin just as MISLR 2 ends, which is currently projected to end in August 2023. It is anticipated that MISLR 3 will take approximately 24 months to complete and will end in 2024. At this time, all current customers will have potable water to their homes and all phases of MISLR projects will be complete.

Staff currently believes that the majority of this will be FEMA funded. The disconnected parcels will not be FEMA funded as has been discussed with the board in the past.

The following action is requested:

*"Authorize staff to release a Request for Proposals for the Meter Installation & Service Lateral Phase 3 Project."*



## Treasurer's Report – February 2023

1. **Cash & Investments** – As of 02/28/2023 the District's net position was \$103,468,967.
  - a. Cash & Equivalents balance was \$29,711,576.
  - b. Investment balance was \$73,757,391.
  - c. The District realized a net 35.1% increase month over month in total position.
  - d. The District realized a net 0.2% increase month over month in total investment.
  
2. **Debt Service** – As of 2/28/2022 the District's outstanding debt was \$3,266,699. Remaining payments for this fiscal year total \$413,138. The next payment due of \$290,730 will be paid in March.
  
3. **Revenues** – As of 02/28/2023 the District's operating revenue recognized YTD was \$3.5M.
  - a. The negative revenue shown on the income statement reflects both realized and unrealized gains (losses) to our investment portfolio. There have been no realized losses in investments. The losses shown are strictly the fluctuations in market value month over month as new securities are purchased.
  - b. Monthly interest income was \$212k. The rolling 12-month projected interest income is \$2.0M, up \$112k from prior month and \$819k over the past 7 months.
  
4. **Expenses** – As of 02/28/2023 the District has recognized \$17.5M in total expenses
  - a. \$12.8M of expense is attributed to recovery work and will be reimbursed.
  - b. Operating Expenses for the YTD are \$4.7M of the budgeted \$7.3M for the year leaving 37% of the budget remaining.
  
5. **Recovery** – As of 02/28/2023 the District is has spent \$12.8M on recovery work primarily on the following, reimbursable projects:
  - a. Reservoir B Replacement Project
  - b. MISLR Phase 2
  - c. Close out MISLR Phase 1



# QUICK SUMMARY DASHBOARD

For the Period Ending 02/28/2023

		Current	Fiscal YTD
Active Customers	4,856	\$ 208,711	
Sealed Customers	4,085	\$ 87,787	
Water Service Fees		\$ 2,550	\$ 1,870,425
Disconnected Customers	1,686		
Consumption Charges		\$ 162	\$ 62,432
Grant Reimbursements		\$ -	
Investment Income		\$ 229,310	\$ 846,141
Other Income		\$ 24,793	\$ 3,159,415
<b>Total Income</b>		<b>\$ 256,815</b>	<b>\$ 5,938,413</b>

Cash & Equivalents	\$ 29,711,576
Investment Portfolio Cost	\$ 73,757,391
Portfolio Yield	3.70%
Grants Obligated	83,896,129.16
Grants Earned and Reimbursed	9,552,070.00
Grants Earned Awaiting Reimbursemenet	13,401,025.98

**PORTFOLIO SUMMARY**

As of February 28, 2023



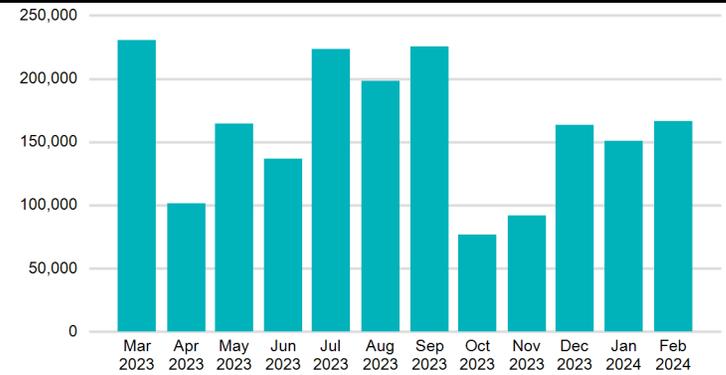
**MONTHLY RECONCILIATION**

<b>Beginning Book Value</b>	<b>74,747,324.43</b>
Contributions	
Withdrawals	
Prior Month Management Fees	(3,000.00)
Prior Month Custodian Fees	(616.86)
Realized Gains/Losses	17,141.33
Purchased Interest	(5,539.54)
Gross Interest Earnings	169,887.66
<b>Ending Book Value</b>	<b>74,925,197.02</b>

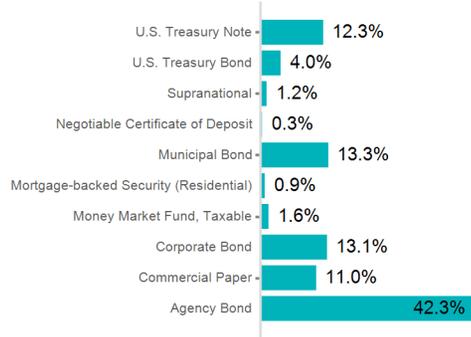
**PORTFOLIO CHARACTERISTICS**

Portfolio Yield to Maturity	3.70%
Portfolio Effective Duration	2.02 yrs
Weighted Average Maturity	2.18 yrs
Weighted Average Life	2.18 yrs

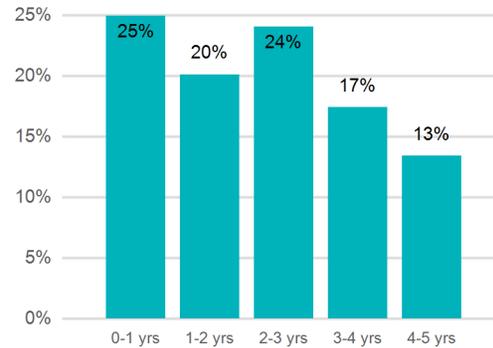
**PROJECTED MONTHLY INCOME SCHEDULE**



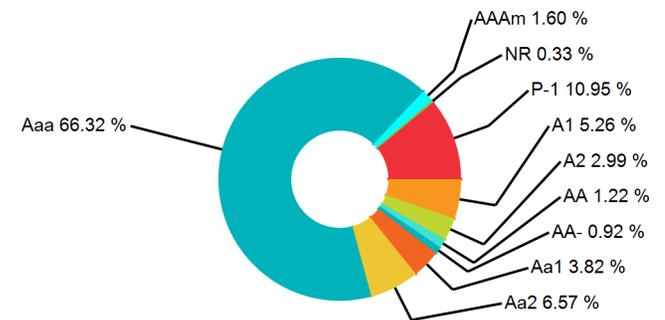
**SECTOR ALLOCATION**



**MATURITY DISTRIBUTION**



**CREDIT QUALITY**





Paradise Irrigation District

# Prior-Year Comparative Income Statement

## Group Summary

For the Period Ending 02/28/2023

	2021-2022 Feb. Activity	2022-2023 Feb. Activity	Feb. Variance Favorable / (Unfavorable)	Variance %	2021-2022 YTD Activity	2022-2023 YTD Activity	YTD Variance Favorable / (Unfavorable)	Variance %	FY2022/23 Budget	Budget Remaining
<b>Depart: 00 - Revenue</b>										
400 - Taxes - PID Share	-	-	-	0.00%	119,147.09	332,581.75	213,434.66	179.14%	330,000.00	Over
401 - Water - Service	4,998.47	4,649.42	(349.05)	-6.98%	1,811,972.34	2,006,060.52	194,088.18	10.71%	3,598,089.46	44%
402 - Water - Consumption	-	161.71	161.71	0.00%	-	62,432.04	62,432.04	0.00%	175,000.00	64%
403 - Water - Fees & Adjustments	480.00	(99.59)	(579.59)	-120.75%	17,175.00	87,699.53	70,524.53	410.62%	340,335.00	74%
405 - Outside Water Sales	38,562.44	37,646.37	(916.07)	-2.38%	159,502.18	184,292.63	24,790.45	15.54%	250,000.00	26%
410 - Meter Revenue	228.15	964.97	736.82	322.95%	(43,387.62)	7,026.25	50,413.87	-116.19%	8,296.00	15%
460 - Interest Income	-	212,168.65	212,168.65	0.00%	(30,715.75)	791,881.41	822,597.16	-2678.10%	1,500,000.00	47%
465 - Rental Income	2,015.00	1,214.34	(800.66)	-39.73%	15,356.00	9,836.50	(5,519.50)	-35.94%	15,000.00	34%
466 - Custom Work	-	-	-	0.00%	21,928.50	28,573.50	6,645.00	30.30%	40,000.00	29%
470 - Grant Income	-	-	-	0.00%	1,360.00	-	(1,360.00)	-100.00%	-	0%
475 - Investment Gain/Loss	-	(583,431.36)	(583,431.36)	0.00%	-	(1,330,203.46)	(1,330,203.46)	0.00%	-	0%
490 - Reimbursements	-	-	-	0.00%	(30,000.00)	582,516.44	612,516.44	-2041.72%	1,498,000.00	61%
495 - Grant Reimbursements	-	-	-	0.00%	28,066.26	(100.00)	(28,166.26)	-100.36%	25,787,725.00	100%
499 - Other	6,134.63	109.56	(6,025.07)	-98.21%	7,036,380.88	1,845,612.41	(5,190,768.47)	-73.77%	82,654.00	Over
<b>Depart 00 - Revenue Surplus (Deficit):</b>	<b>52,418.69</b>	<b>-326,615.93</b>	<b>(379,034.62)</b>	<b>-723.09%</b>	<b>9,106,784.88</b>	<b>4,608,209.52</b>	<b>-4,498,575.36</b>	<b>-49.40%</b>	<b>33,625,099.46</b>	<b>86%</b>
<b>Depart: 10 - Source of Supply</b>										
500 - Salaries & Benefits	-	0.00	0.00	0.00%	940.74	0.00	940.74	100.00%	0.00	0%
600 - Materials & Supplies	-	42,100.00	-42,100.00	0.00%	575.00	42,373.72	-41,798.72	-7269.34%	0.00	0%
610 - Utilities	(27.75)	0.00	-27.75	100.00%	338.48	97.98	240.50	71.05%	0.00	0%
622 - Outside Services	18,060.00	0.00	18,060.00	100.00%	39,308.41	31.16	39,277.25	99.92%	0.00	0%
650 - Misc	-	988.14	(988.14)	0.00%	192,596.05	174,982.21	17,613.84	9.15%	0.00	0%
<b>Depart 40 - Transmission and Distribution Surplus</b>	<b>18,032.25</b>	<b>43,088.14</b>	<b>(25,055.89)</b>	<b>-138.95%</b>	<b>233,758.68</b>	<b>217,485.07</b>	<b>16,273.61</b>	<b>6.96%</b>	<b>0.00</b>	<b>0%</b>
<b>Depart: 30 - Water Treatment</b>										
500 - Salaries & Benefits	81,981.89	86,826.23	-4,844.34	-5.91%	722,331.04	727,417.74	-5,086.70	-0.70%	1,035,000.00	30%
600 - Materials & Supplies	20,562.45	-6,648.16	27,210.61	132.33%	122,990.62	418,275.86	-295,285.24	-240.09%	506,250.00	17%
610 - Utilities	(16,413.40)	454.32	-16,867.72	102.77%	74,980.23	113,665.12	-38,684.89	-51.59%	169,000.00	33%
622 - Outside Services	774.18	626.71	147.47	19.05%	9,001.78	13,484.31	-4,482.53	-49.80%	115,000.00	88%
640 - Insurance	8,549.46	-	8,549.46	100.00%	53,265.42	15,468.76	37,796.66	70.96%	25,000.00	38%
<b>Depart 30 - Water Treatment Total:</b>	<b>95,454.58</b>	<b>81,259.10</b>	<b>14,195.48</b>	<b>14.87%</b>	<b>982,569.09</b>	<b>1,288,311.79</b>	<b>-305,742.70</b>	<b>-31.12%</b>	<b>1,850,250.00</b>	<b>30%</b>
<b>Depart: 40 - Transmission and Distribution</b>										
466 - Custom Work	3,820.99	-	3,820.99	100.00%	14,863.17	-	14,863.17	100.00%	-	-
500 - Salaries & Benefits	113,661.64	115,518.09	-1,856.45	-1.63%	1,002,629.76	935,839.86	66,789.90	6.66%	1,835,000.00	49%
600 - Materials & Supplies	25,015.52	26,956.90	-1,941.38	-7.76%	342,469.51	326,519.37	15,950.14	4.66%	550,000.00	41%
610 - Utilities	(375.42)	1,437.48	-1,812.90	482.90%	34,441.53	57,634.79	-23,193.26	-67.34%	85,000.00	32%
622 - Outside Services	5,226.55	3,485.08	1,741.47	33.32%	98,631.37	67,294.20	31,337.17	31.77%	71,200.00	5%
640 - Insurance	-	-	-	0.00%	-	529.04	-529.04	0.00%	45,000.00	99%
650 - Misc	151,763.67	-	151,763.67	100.00%	500,157.95	76,383.33	423,774.62	84.73%	-	0%
<b>Depart 40 - Transmission and Distribution Surplus</b>	<b>299,112.95</b>	<b>147,397.55</b>	<b>151,715.40</b>	<b>50.72%</b>	<b>1,993,193.29</b>	<b>1,464,200.59</b>	<b>528,992.70</b>	<b>26.54%</b>	<b>2,586,200.00</b>	<b>43%</b>



Paradise Irrigation District

# Prior-Year Comparative Income Statement

## Group Summary

For the Period Ending 02/28/2023

	2021-2022 Feb. Activity	2022-2023 Feb. Activity	Feb. Variance Favorable / (Unfavorable)	Variance %	2021-2022 YTD Activity	2022-2023 YTD Activity	YTD Variance Favorable / (Unfavorable)	Variance %	FY2022/23 Budget	Budget Remaining
<b>Depart: 50 - Customer Service</b>										
500 - Salaries & Benefits	21,957.41	37,033.36	-15,075.95	-68.66%	194,337.85	285,277.08	-90,939.23	-46.79%	420,000.00	32%
600 - Materials & Supplies	-	-	-	0.00%	79.70	-	79.70	100.00%	500.00	100%
610 - Utilities	259.89	341.82	(81.93)	-31.52%	2,102.34	2,034.93	67.41	3.21%	6,000.00	66%
622 - Outside Services	650.00	0.00	650.00	100.00%	11,650.00	0.00	11,650.00	100.00%	0.00	0%
640 - Insurance	-	-	-	0.00%	-	137.81	(137.81)	0.00%	18,750.00	99%
650 - Misc	-	-	-	0.00%	-	130.43	(130.43)	0.00%	-	0%
<b>Depart 50 - Customer Service Total:</b>	<b>22,867.30</b>	<b>37,375.18</b>	<b>(14,507.88)</b>	<b>-63.44%</b>	<b>208,169.89</b>	<b>287,580.25</b>	<b>-79,410.36</b>	<b>-38.15%</b>	<b>445,250.00</b>	<b>35%</b>
<b>Depart: 60 - Administration</b>										
500 - Salaries & Benefits	91,356.29	88,575.91	2,780.38	3.04%	667,945.24	755,062.08	(87,116.84)	-13.04%	1,313,665.00	43%
600 - Materials & Supplies	15,452.67	13,955.86	1,496.81	9.69%	125,360.15	224,004.62	(98,644.47)	-78.69%	230,165.00	3%
610 - Utilities	(1,688.17)	2,462.74	(4,150.91)	245.88%	30,208.75	27,108.82	3,099.93	10.26%	41,000.00	34%
622 - Outside Services	10,708.59	10,159.02	549.57	5.13%	479,372.01	266,049.12	213,322.89	44.50%	930,000.00	71%
640 - Insurance	954.82	-	954.82	100.00%	6,131.35	9,078.29	(2,946.94)	-48.06%	102,500.00	91%
650 - Misc	2,688.36	34,260.86	(31,572.50)	-1174.41%	36,061.19	118,738.71	(82,677.52)	-229.27%	-	0%
<b>Depart 60 - Administration Total:</b>	<b>119,472.56</b>	<b>149,414.39</b>	<b>(29,941.83)</b>	<b>-25.06%</b>	<b>1,345,078.69</b>	<b>1,400,041.64</b>	<b>-54,962.95</b>	<b>-4.09%</b>	<b>2,617,330.00</b>	<b>47%</b>
<b>Depart: 70 - Recovery</b>										
600 - Materials, Supplies, & Contracts	1,043,388.17	109,917.00	933,471.17	89.47%	5,835,421.63	10,416,031.22	-4,580,609.59	-78.50%	-	-
622 - Outside Services	230,022.31	-	230,022.31	100.00%	1,579,883.51	2,382,472.52	(802,589.01)	-50.80%	-	-
<b>Depart 70 - Recovery Total:</b>	<b>1,273,410.48</b>	<b>109,917.00</b>	<b>1,163,493.48</b>	<b>91.37%</b>	<b>7,415,305.14</b>	<b>12,798,503.74</b>	<b>-5,383,198.60</b>	<b>-72.60%</b>	-	-
<b>Total Surplus (Deficit):</b>	<b>(1,775,931.43)</b>	<b>-895,067.29</b>	<b>-880,864.14</b>	<b>49.60%</b>	<b>(3,071,289.90)</b>	<b>(12,847,913.56)</b>	<b>9,776,623.66</b>	<b>-318.32%</b>	-	-

	2022-2023 YTD Activity	FY2022/23 Budget	Budget Remaining
500 - Salaries & Benefits	2,703,596.76	4,603,665.00	41%
600 - Materials & Supplies	1,011,173.57	1,286,915.00	21%
610 - Utilities	200,541.64	1,050,000.00	81%
622 - Outside Services	346,858.79	242,200.00	Over
640 - Insurance	25,213.90	191,250.00	87%
650 - Misc	370,234.68	15,000.00	Over
	<b>4,657,619.34</b>	<b>7,389,030.00</b>	<b>37%</b>

**PARADISE IRRIGATION DISTRICT**  
**Expense Approval Report**  
**Percentage of Total Payments\* by Account**  
**February 1 - 28, 2023**

\*Displaying accounts greater than 2%

Account Number	Account Name	Payments	% of Total
01-70-601099	Recovery / Rebuild	780,423.00	65.40%
01-120000	Pre-Paid Expenses	52,944.40	4.44%
01-70-600090	Inventory Expense	51,294.18	4.30%
01-10-650090	Permits	42,100.00	3.53%
01-210030	FICA	38,307.72	3.21%
01-122040	Pre-Paid Insurance - Medical	34,972.18	2.93%
01-210045	Retirement	33,677.21	2.82%
01-60-635030	Legal	26,702.93	2.24%
01-210020	Federal Withholding	24,709.04	2.07%
	<i>Remainder</i>	\$108,227.27	9.07%
<b>Grand Total</b>		<b>\$1,193,357.93</b>	

**PARADISE IRRIGATION DISTRICT**  
**Expense Approval Report**  
**Percentage of Total Payments\* by Vendor**  
**February 1 - 28, 2023**

\*Displaying accounts greater than 2%

Vendor	Payments	% of Total
RCI General Engineering	723,351.85	60.61%
Internal Revenue Service	63,016.76	5.28%
Zenner USA	51,294.18	4.30%
Department of Water Resources	42,100.00	3.53%
ACWA/JPIA	37,888.18	3.17%
ICMA Retirement Trust-457	28,365.89	2.38%
SWRCB	27,280.72	2.29%
Minasian, Meith, Soares, Sexton & Cooper, LLP	26,141.06	2.19%
	<i>Remainder</i>	\$193,919.29 16.25%
<b>Grand Total</b>		<b>\$1,193,357.93</b>



# Expense Approval Report

By Vendor Name

Payment Dates 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 01016 - Access Information Protected</b>				
02/27/2023	APA000766	9994748	Bulk Shredding	223.54
<b>Vendor 01016 - Access Information Protected Total:</b>				<b>223.54</b>
<b>Vendor: 01021 - ACWA/JPIA</b>				
02/03/2023	57837	698436	Dental	2,341.21
02/03/2023	57837	698436	Life	630.42
02/03/2023	57837	698436	EAP	101.88
02/03/2023	57837	698436	Health	34,147.74
02/03/2023	57837	698436	Vision	666.93
<b>Vendor 01021 - ACWA/JPIA Total:</b>				<b>37,888.18</b>
<b>Vendor: 03185 - Advanced Document Concepts For Business</b>				
02/27/2023	APA000766	INV92256	Office Equipment maintenance	371.41
<b>Vendor 03185 - Advanced Document Concepts For Business Total:</b>				<b>371.41</b>
<b>Vendor: 02957 - Aflac</b>				
02/03/2023	DFT0005779	INV0006730	Montly Aflac Invoice	193.98
02/17/2023	DFT0005815	INV0006744	Montly Aflac Invoice	193.98
<b>Vendor 02957 - Aflac Total:</b>				<b>387.96</b>
<b>Vendor: 01029 - AIC Electric</b>				
02/27/2023	APA000768	AI 230201	New Control Transformer	550.34
<b>Vendor 01029 - AIC Electric Total:</b>				<b>550.34</b>
<b>Vendor: 03211 - Amazon.com</b>				
02/08/2023	DFT0005807	113-6866114-9917040	Supplies	106.39
02/08/2023	DFT0005807	113-7364220-3293018	Supplies	16.84
02/08/2023	DFT0005807	113-7364220-3293018	Supplies	46.06
02/08/2023	DFT0005807	112-1512996-2281820	Supplies	156.18
02/08/2023	DFT0005807	112-5494247-2790659	Supplies	29.06
02/08/2023	DFT0005807	113-2796868-5457019	Supplies	115.65
<b>Vendor 03211 - Amazon.com Total:</b>				<b>470.18</b>
<b>Vendor: 03090 - APTIM Environmental &amp; Infrastructure LLC</b>				
02/27/2023	APA000769	559997(1)	Recovery	5,687.50
02/27/2023	APA000769	555535(1)	Job #18-F1	10,026.24
02/27/2023	APA000769	580038	Recovery Mgmt	6,502.50
<b>Vendor 03090 - APTIM Environmental &amp; Infrastructure LLC Total:</b>				<b>22,216.24</b>
<b>Vendor: 01068 - Aramark Uniform Services</b>				
02/03/2023	DFT0005791	5066169534	Uniforms	318.02
02/03/2023	DFT0005791	5066169557	Uniforms	107.44
02/03/2023	DFT0005791	5066174842	Uniforms	318.02
02/03/2023	DFT0005791	5066185546	Uniforms	319.18
02/03/2023	DFT0005791	5066185563	Uniforms	107.44
02/03/2023	DFT0005791	5066191083	Uniforms	107.44
<b>Vendor 01068 - Aramark Uniform Services Total:</b>				<b>1,277.54</b>
<b>Vendor: 01082 - AT&amp;T</b>				
02/06/2023	APA000730	19370006	Office telephones	726.74
<b>Vendor 01082 - AT&amp;T Total:</b>				<b>726.74</b>
<b>Vendor: 01138 - Bearing Belt &amp; Chain</b>				
02/06/2023	APA000731	89479	belts for vac unit	58.88
02/27/2023	APA000770	C89480	engine belt	162.29
<b>Vendor 01138 - Bearing Belt &amp; Chain Total:</b>				<b>221.17</b>
<b>Vendor: 01200 - Brolliar Stump Grinding</b>				
02/06/2023	APA000732	1957(A)	Reissue payment	1,125.00
<b>Vendor 01200 - Brolliar Stump Grinding Total:</b>				<b>1,125.00</b>

## Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 01942 - Butte Co - Neal Rd Landfill</b>				
02/06/2023	APA000733	19787	Landfill fee	630.81
02/27/2023	APA000771	19945	Landfill fee	154.54
<b>Vendor 01942 - Butte Co - Neal Rd Landfill Total:</b>				<b>785.35</b>
<b>Vendor: 01240 - California Special Districts Association</b>				
02/03/2023	57838	1986	Membership Dues	7,615.00
<b>Vendor 01240 - California Special Districts Association Total:</b>				<b>7,615.00</b>
<b>Vendor: 02304 - CDTFA</b>				
02/09/2023	57839	L0018290810	Water rights FY23	9,320.00
02/09/2023	57839	L0018344058	Water Rights FY23	2,537.68
<b>Vendor 02304 - CDTFA Total:</b>				<b>11,857.68</b>
<b>Vendor: 01266 - Cedar Creek Publishing</b>				
02/09/2023	APA000755	230207_P1	Postage / Marketing	1,686.25
<b>Vendor 01266 - Cedar Creek Publishing Total:</b>				<b>1,686.25</b>
<b>Vendor: 03194 - Cintas Corporation</b>				
02/03/2023	DFT0005792	5137959910	Supplies	767.98
02/09/2023	APA000756	5141034615	supplies	154.64
<b>Vendor 03194 - Cintas Corporation Total:</b>				<b>922.62</b>
<b>Vendor: 01320 - Comcast</b>				
02/08/2023	DFT0005806	2023-02	WTP TV	158.25
02/08/2023	DFT0005806	2023-02	WTP Internet	79.12
02/08/2023	DFT0005806	2023-02	Shop TV	70.03
<b>Vendor 01320 - Comcast Total:</b>				<b>307.40</b>
<b>Vendor: 01472 - Department of Water Resources</b>				
02/22/2023	57845	2023-02	Magalia Dam 100% Design	42,100.00
<b>Vendor 01472 - Department of Water Resources Total:</b>				<b>42,100.00</b>
<b>Vendor: 02888 - Elecsys International Corporation</b>				
02/09/2023	APA000757	SIP-E168764	Misc. supplies	10.00
02/27/2023	APA000772	SIP-E170268	Misc. supplies	10.00
<b>Vendor 02888 - Elecsys International Corporation Total:</b>				<b>20.00</b>
<b>Vendor: 01480 - Employment Development Dept.</b>				
02/09/2023	DFT0005811	L0457250192	Unemployment	674.00
02/09/2023	DFT0005811	L0457250192	Unemployment	667.00
02/06/2023	DFT0005786	INV0006739	State Income Tax Withholding	5,006.54
02/06/2023	DFT0005789	INV0006742	State Disability Withholding	1,129.69
02/20/2023	DFT0005822	INV0006753	State Income Tax Withholding	4,913.06
02/20/2023	DFT0005825	INV0006756	State Disability Withholding	1,126.59
<b>Vendor 01480 - Employment Development Dept. Total:</b>				<b>13,516.88</b>
<b>Vendor: 01275 - Enterprise Record</b>				
02/27/2023	APA000773	1366445	Classified Advertising	674.04
<b>Vendor 01275 - Enterprise Record Total:</b>				<b>674.04</b>
<b>Vendor: 01521 - Fastenal Co</b>				
02/27/2023	APA000774	CACHC121099	Supplies	602.48
02/27/2023	APA000774	CACHC121099	Supplies	649.17
<b>Vendor 01521 - Fastenal Co Total:</b>				<b>1,251.65</b>
<b>Vendor: 03243 - Feather River Electric Motors, LLC</b>				
02/06/2023	APA000734	3586	Blower motor rebuild/reinstall	3,034.63
02/06/2023	APA000734	3619	Blower Motor #2 Rebuild	1,234.63
02/06/2023	APA000734	3555 (1)	125 HP Blower Motor & Installat..	12,003.29
02/07/2023	DFT0005803	3619-3586	Reissue payment	-12,003.29
02/07/2023	DFT0005803	3619-3586	Reissue payment	-4,269.26
02/07/2023	DFT0005804	3619-3586 (1)	Reissue payment	4,269.26
<b>Vendor 03243 - Feather River Electric Motors, LLC Total:</b>				<b>4,269.26</b>
<b>Vendor: 01527 - Ferguson Enterprises, Inc</b>				
02/06/2023	APA000735	1747354-1	Pipe - HDPE - 2"	398.68
02/06/2023	APA000735	1763471	Tap Sleeve 10 x 6 C-900	964.36

Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
02/06/2023	APA000735	1765833	1-1/2" carb tip hole saw	89.02
02/06/2023	APA000735	1765833	1-1/2" to 2" arbor	155.51
02/06/2023	APA000735	1765833	1" carb tip hole saw	62.21
02/06/2023	APA000735	1765833	2" adaptor	163.02
02/06/2023	APA000735	1765833	2" carb tip hole saw	89.02
02/06/2023	APA000735	1765833	1-1/2" adaptor	163.02
02/06/2023	APA000735	1765833	1-1/2" PVC cutter	158.73
02/06/2023	APA000735	1766856	6" bolt kit	346.42
02/06/2023	APA000735	1766856	4" bolt kit	128.70
02/06/2023	APA000735	1747354-tax	Inv: 1747354	114.70
02/27/2023	APA000775	1769185	Pipe - HDPE - 3/4"	48.49
02/27/2023	APA000775	1771979	Coupling Flex - CI - 2"	394.68
<b>Vendor 01527 - Ferguson Enterprises, Inc Total:</b>				<b>3,276.56</b>
<b>Vendor: 01528 - FGL Environmental</b>				
02/06/2023	APA000736	290637A	Routine Bacti Monitoring	95.00
02/06/2023	APA000736	290661A	Water Quality Monitoring	24.00
02/06/2023	APA000736	370058A	Routine Bacti Monitoring	103.00
02/06/2023	APA000736	370059A	Coliform	61.00
02/06/2023	APA000736	370227A	Coliform	103.00
02/06/2023	APA000736	370141A	Water Quality Monitoring	301.00
02/06/2023	APA000736	370508A	Waste Water Monitoring	31.00
02/27/2023	APA000776	370826A	EPA 551.1, 552.2	515.00
02/27/2023	APA000776	370353A	Water Quality Monitoring	28.00
02/27/2023	APA000776	370357A	Routine Bacti Monitoring	103.00
02/27/2023	APA000776	370540A	Water Quality Monitoring	28.00
02/27/2023	APA000776	370548A	Routine Bacti Monitoring	103.00
02/27/2023	APA000776	370898A	Magalia Res - TOC Monitoring	62.00
<b>Vendor 01528 - FGL Environmental Total:</b>				<b>1,557.00</b>
<b>Vendor: 02945 - Fiserv Solutions, LLC</b>				
02/06/2023	APA000737	90161006	Bank charges	10.25
<b>Vendor 02945 - Fiserv Solutions, LLC Total:</b>				<b>10.25</b>
<b>Vendor: 01587 - Genterra Consultants, Inc.</b>				
02/06/2023	APA000738	25316	Magalia Dam - 391-PID-Y21	660.00
<b>Vendor 01587 - Genterra Consultants, Inc. Total:</b>				<b>660.00</b>
<b>Vendor: 01616 - Grainger Inc</b>				
02/03/2023	DFT0005793	9583168084	Equipment Repairs	185.55
<b>Vendor 01616 - Grainger Inc Total:</b>				<b>185.55</b>
<b>Vendor: 01705 - Hunt &amp; Sons, Inc.</b>				
02/06/2023	APA000739	931505	138 gals. clear diesel	665.84
02/06/2023	APA000739	935343	177gals. unleaded gasoline	705.63
02/06/2023	APA000739	946913	300gals. unleaded gasoline	1,248.78
02/06/2023	APA000739	930229	493gals. unleaded gasoline	1,942.65
02/27/2023	APA000777	953299	290gals. unleaded gasoline	1,225.47
02/27/2023	APA000777	954802	237gals. clear diesel	1,238.23
02/27/2023	APA000777	970323	188gals. unleaded gasoline	779.60
02/27/2023	APA000777	974678	220gals. unleaded gasoline	941.78
02/27/2023	APA000777	974734	Inv-974734	6,336.63
<b>Vendor 01705 - Hunt &amp; Sons, Inc. Total:</b>				<b>15,084.61</b>
<b>Vendor: 01713 - I.B.E.W. Local Union 1245</b>				
02/06/2023	APA000740	INV0006737	Union Dues	1,059.77
02/06/2023	APA000740	INV0006737	Union Dues	-50.00
02/27/2023	APA000778	INV0006751	Union Dues	-50.00
02/27/2023	APA000778	INV0006751	Union Dues	1,059.77
<b>Vendor 01713 - I.B.E.W. Local Union 1245 Total:</b>				<b>2,019.54</b>
<b>Vendor: 01716 - ICMA Retirement Trust-401</b>				
02/03/2023	DFT0005781	INV0006732	Retirement - 401(a) Match	2,650.17
02/17/2023	DFT0005817	INV0006746	Retirement - 401(a) Match	2,661.15
<b>Vendor 01716 - ICMA Retirement Trust-401 Total:</b>				<b>5,311.32</b>

## Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 01715 - ICMA Retirement Trust-457</b>				
02/03/2023	DFT0005782	INV0006733	Retirement Trust - 457	2,650.17
02/03/2023	DFT0005783	INV0006734	Deferred Comp 457	8,367.30
02/03/2023	DFT0005784	INV0006735	Retirement Trust - 457	2,666.69
02/03/2023	DFT0005785	INV0006736	Retirement Trust - 457	711.46
02/17/2023	DFT0005818	INV0006747	Retirement Trust - 457	2,661.15
02/17/2023	DFT0005819	INV0006748	Deferred Comp 457	8,495.11
02/17/2023	DFT0005820	INV0006749	Retirement Trust - 457	2,102.55
02/17/2023	DFT0005821	INV0006750	Retirement Trust - 457	711.46
<b>Vendor 01715 - ICMA Retirement Trust-457 Total:</b>				<b>28,365.89</b>
<b>Vendor: 01721 - Industrial Equipment</b>				
02/27/2023	APA000779	58146	Supplies	277.94
<b>Vendor 01721 - Industrial Equipment Total:</b>				<b>277.94</b>
<b>Vendor: 02807 - Infosend</b>				
02/09/2023	APA000758	228351	Postage & Mailings	5,687.83
02/09/2023	APA000758	229871	Postage & Mailings	72.10
<b>Vendor 02807 - Infosend Total:</b>				<b>5,759.93</b>
<b>Vendor: 01720 - Inland Business Systems</b>				
02/27/2023	APA000780	IN3266766	Office supplies	8.00
<b>Vendor 01720 - Inland Business Systems Total:</b>				<b>8.00</b>
<b>Vendor: 01731 - Internal Revenue Service</b>				
02/06/2023	DFT0005787	INV0006740	FICA Withholding	15,569.40
02/06/2023	DFT0005788	INV0006741	Fed Withholding	12,351.34
02/06/2023	DFT0005790	INV0006743	Medicare Wlthholding	3,641.24
02/20/2023	DFT0005823	INV0006754	FICA Withholding	15,477.36
02/20/2023	DFT0005824	INV0006755	Fed Withholding	12,357.70
02/20/2023	DFT0005826	INV0006757	Medicare Wlthholding	3,619.72
<b>Vendor 01731 - Internal Revenue Service Total:</b>				<b>63,016.76</b>
<b>Vendor: 03057 - International Brotherhood of 137 TCWH</b>				
02/06/2023	APA000741	INV0006738	Union Dues Teamsters	293.54
02/27/2023	APA000781	INV0006752	Union Dues Teamsters	293.54
<b>Vendor 03057 - International Brotherhood of 137 TCWH Total:</b>				<b>587.08</b>
<b>Vendor: 01729 - Interstate Batteries of the Rogue River</b>				
02/06/2023	APA000742	92002129	Equipment repairs	314.92
<b>Vendor 01729 - Interstate Batteries of the Rogue River Total:</b>				<b>314.92</b>
<b>Vendor: 01722 - isolved, Inc.</b>				
02/27/2023	APA000782	1125991272	Plan admin.	88.20
<b>Vendor 01722 - isolved, Inc. Total:</b>				<b>88.20</b>
<b>Vendor: 03255 - John Michael Bunch</b>				
02/09/2023	APA000759	1360	Electrical work	185.00
<b>Vendor 03255 - John Michael Bunch Total:</b>				<b>185.00</b>
<b>Vendor: 01905 - Minasian, Meith, Soares, Sexton &amp; Cooper, LLP</b>				
02/06/2023	APA000743	2022-12	Legal Council	14,707.00
02/27/2023	APA000783	2023-01	Legal Council	11,434.06
<b>Vendor 01905 - Minasian, Meith, Soares, Sexton &amp; Cooper, LLP Total:</b>				<b>26,141.06</b>
<b>Vendor: 01908 - MJB Welding Supply</b>				
02/06/2023	APA000744	01416889	female commector	55.89
02/06/2023	APA000744	01416889	male connector	55.89
<b>Vendor 01908 - MJB Welding Supply Total:</b>				<b>111.78</b>
<b>Vendor: 03225 - Myers and Sons Construction, LLC</b>				
02/06/2023	APA000745	348-06	5% retention	-950.95
02/06/2023	APA000745	348-06	Res B Rebuild	19,000.00
<b>Vendor 03225 - Myers and Sons Construction, LLC Total:</b>				<b>18,049.05</b>
<b>Vendor: 03045 - N.C.G.T. SECURITY FUND</b>				
02/27/2023	1280	2023-03	Health 2023-	13,806.00
<b>Vendor 03045 - N.C.G.T. SECURITY FUND Total:</b>				<b>13,806.00</b>

## Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 01960 - Normac</b>				
02/03/2023	DFT0005794	0008906292-001	1 x 24 brass nipple	3,919.99
02/03/2023	DFT0005794	0008906292-001	1 x 18 brass nipple	2,940.80
02/03/2023	DFT0005794	0008906292-001	1" brass st ell	2,368.08
02/03/2023	DFT0005794	0008906292-001	1" brass ball valve	1,736.38
02/03/2023	DFT0005794	0008906292-001	1" brass 90	1,696.70
02/03/2023	DFT0005794	0008906292-001	1" x close brass nipple	1,142.21
02/03/2023	DFT0005794	0008906292-001	1" brass union	1,900.47
02/03/2023	DFT0005794	0009257840-001	1" brass union	1,900.47
<b>Vendor 01960 - Normac Total:</b>				<b>17,605.10</b>
<b>Vendor: 01989 - North Valley Tree Service</b>				
02/09/2023	APA000760	30518	Tree Removal	3,000.00
<b>Vendor 01989 - North Valley Tree Service Total:</b>				<b>3,000.00</b>
<b>Vendor: 01980 - Northern Recycling &amp; Waste Svcs</b>				
02/03/2023	DFT0005795	2023-01 (Rent)	Garbage	90.75
02/09/2023	DFT0005810	2023-02	Garbage	35.66
02/09/2023	DFT0005810	2023-02	Garbage	56.97
02/09/2023	DFT0005810	2023-02	Garbage	180.52
02/09/2023	DFT0005810	2023-02	Garbage	62.68
<b>Vendor 01980 - Northern Recycling &amp; Waste Svcs Total:</b>				<b>426.58</b>
<b>Vendor: 01995 - Office Depot</b>				
02/06/2023	APA000746	279162621001	Office supplies	86.39
02/27/2023	APA000784	288215158001	Credit for Office Supplies	-1.46
02/27/2023	APA000784	288464146001	Office Supplies	-4.77
02/27/2023	APA000784	288464146001	Office Supplies	-9.06
02/27/2023	APA000784	289534209001	Office supplies	19.90
<b>Vendor 01995 - Office Depot Total:</b>				<b>91.00</b>
<b>Vendor: 01538 - O'Reilly Auto Parts</b>				
02/27/2023	APA000785	3534-473720	Repair parts	4.62
02/06/2023	APA000747	3534-476610	Repair parts	140.66
02/06/2023	APA000747	3534-476619	Repair parts	8.61
02/27/2023	APA000785	3534-476715	Repair parts	12.92
02/06/2023	APA000747	3534-476717	Repair parts	18.31
02/06/2023	APA000747	3534-476754	Repair parts	29.63
02/06/2023	APA000747	3534-476856	Repair parts	75.51
02/27/2023	APA000785	3534-478732	Repair parts	391.47
02/27/2023	APA000785	3534-478859	Pintle Hook	-131.44
02/27/2023	APA000785	3534-480404	Tools	127.12
<b>Vendor 01538 - O'Reilly Auto Parts Total:</b>				<b>677.41</b>
<b>Vendor: 02030 - Pace Supply</b>				
02/03/2023	DFT0005796	088286904-1	FC Clamp 6' x 12 1/2' 5.95-6.35...	1,332.31
02/03/2023	DFT0005796	088286904-1	FC Clamp 12' x 12 1/2' 11.85-12...	1,997.04
<b>Vendor 02030 - Pace Supply Total:</b>				<b>3,329.35</b>
<b>Vendor: 02070 - Peterson</b>				
02/06/2023	APA000748	PC010222011	Equipment Repairs	83.91
<b>Vendor 02070 - Peterson Total:</b>				<b>83.91</b>
<b>Vendor: 02091 - Pitney Bowes</b>				
02/05/2023	DFT0005802	23105898714	Postage	1,108.00
02/09/2023	APA000761	2023-01	Postage	500.00
<b>Vendor 02091 - Pitney Bowes Total:</b>				<b>1,608.00</b>
<b>Vendor: 03048 - Plan B Professional Answering Service</b>				
02/09/2023	APA000762	2023-02	Answering service	178.60
<b>Vendor 03048 - Plan B Professional Answering Service Total:</b>				<b>178.60</b>
<b>Vendor: 03096 - Rankin Stock Heaberlin Oneal</b>				
02/06/2023	APA000749	406919	Litigation	10.62
<b>Vendor 03096 - Rankin Stock Heaberlin Oneal Total:</b>				<b>10.62</b>

Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 03167 - RCI General Engineering</b>				
02/09/2023	57841	2022-11	5% retention	-38,071.15
02/09/2023	57841	2022-11	MISLR 2	761,423.00
<b>Vendor 03167 - RCI General Engineering Total:</b>				<b>723,351.85</b>
<b>Vendor: 01631 - Rental Guys</b>				
02/06/2023	APA000750	919802-6	Rental equipment	215.40
02/06/2023	APA000750	920235-6	Rental equipment	343.72
02/06/2023	APA000750	920841-6	Rental equipment	208.93
02/06/2023	APA000750	921069-6	Rental equipment	316.25
<b>Vendor 01631 - Rental Guys Total:</b>				<b>1,084.30</b>
<b>Vendor: 02057 - Riebes Auto Parts</b>				
02/06/2023	APA000751	5356-120764	Parts & Supplies	41.68
02/06/2023	APA000751	5356-121486	Parts & Supplies	108.59
02/06/2023	APA000751	5356-121524	Parts & Supplies	32.20
<b>Vendor 02057 - Riebes Auto Parts Total:</b>				<b>182.47</b>
<b>Vendor: 03257 - Secure and Alert Systems Corp</b>				
02/27/2023	APA000786	SAA-4790A	Camera system	10,091.00
02/27/2023	APA000786	SAA-4822A	Camera System	4,862.00
<b>Vendor 03257 - Secure and Alert Systems Corp Total:</b>				<b>14,953.00</b>
<b>Vendor: 03210 - Spatial Networks, Inc.</b>				
02/01/2023	DFT0005805	7E7049A6-0039	Field software, Fulcrum	630.00
<b>Vendor 03210 - Spatial Networks, Inc. Total:</b>				<b>630.00</b>
<b>Vendor: 03061 - Sterling Health Services, Inc DBA</b>				
02/03/2023	DFT0005780	INV0006731	HSA Contribution	167.30
02/17/2023	DFT0005816	INV0006745	HSA Contribution	167.30
<b>Vendor 03061 - Sterling Health Services, Inc DBA Total:</b>				<b>334.60</b>
<b>Vendor: 02332 - SWRCB</b>				
02/09/2023	57840	LW-1037841	Water System Annual Fee FY23	27,280.72
<b>Vendor 02332 - SWRCB Total:</b>				<b>27,280.72</b>
<b>Vendor: 02362 - Thomas Ace Hardware</b>				
02/06/2023	APA000752	195879(remainder)	Pipe Insulation	3.40
02/06/2023	APA000752	197170	Tools	172.39
02/06/2023	APA000752	197216	Supplies	76.69
02/06/2023	APA000752	197244	Supplies	80.03
02/06/2023	APA000752	197274	Supplies	15.77
02/06/2023	APA000752	197277	Supplies	172.34
02/06/2023	APA000752	197337	Supplies	3.02
02/06/2023	APA000752	197527	Supplies	21.54
02/06/2023	APA000752	197619	Supplies	32.03
02/06/2023	APA000752	197635	Supplies	27.38
02/06/2023	APA000752	197652	Supplies	21.02
02/06/2023	APA000752	197717	Supplies	280.31
02/06/2023	APA000752	197718	Supplies	43.50
02/06/2023	APA000752	197828	Supplies	21.25
02/06/2023	APA000752	197929	Supplies	1.98
02/06/2023	APA000752	197932	Supplies	26.56
02/06/2023	APA000752	197934	Supplies	0.93
02/06/2023	APA000752	198003	Supplies	16.37
02/06/2023	APA000752	198029	Supplies	68.38
02/06/2023	APA000752	198038	Supplies	22.83
02/06/2023	APA000752	198095	Supplies	34.03
02/06/2023	APA000752	198136	Supplies	49.05
02/06/2023	APA000752	198140	Supplies	14.99
02/06/2023	APA000752	198149	Supplies	11.97
02/06/2023	APA000752	198215	Supplies	6.13
02/06/2023	APA000752	198274	Supplies	32.35
02/06/2023	APA000752	198350	Supplies	8.34
02/06/2023	APA000752	198377	Supplies	18.96

## Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
02/06/2023	APA000752	198385	Supplies	35.07
02/06/2023	APA000752	198552	Supplies	10.14
02/06/2023	APA000752	198575	Supplies	22.72
02/27/2023	APA000787	198579	Supplies	92.71
02/27/2023	APA000787	198936	Supplies	42.27
02/27/2023	APA000787	198962	Supplies	89.16
02/27/2023	APA000787	199068	Supplies	26.53
02/27/2023	APA000787	199138	Supplies	18.41
02/27/2023	APA000787	199370	Tools	25.49
02/27/2023	APA000787	199391	Supplies	5.08
02/27/2023	APA000787	199490	Supplies	38.75
02/27/2023	APA000787	199674	Supplies	46.12
02/27/2023	APA000787	199708	Supplies	127.92
02/27/2023	APA000787	199756	Supplies	27.44
02/27/2023	APA000787	199834	Supplies	75.21
02/27/2023	APA000787	199957	Supplies	12.48
02/27/2023	APA000787	199963	Supplies	37.60
02/27/2023	APA000787	200026	Small hand tools	15.63
02/27/2023	APA000787	200131	Supplies	104.51
<b>Vendor 02362 - Thomas Ace Hardware Total:</b>				<b>2,136.78</b>
<b>Vendor: 02686 - USA Blue Book</b>				
02/27/2023	APA000788	246068	Equipment Repairs	118.06
02/27/2023	APA000788	247215	475253	703.79
02/27/2023	APA000788	247501	Equipment Repairs	180.16
02/27/2023	APA000788	247502	Equipment Repairs	103.19
<b>Vendor 02686 - USA Blue Book Total:</b>				<b>1,105.20</b>
<b>Vendor: 02712 - VistaNet inc.</b>				
02/06/2023	APA000753	20963	Equipment Management	360.00
02/06/2023	APA000753	20964	Office Equipment Maintenance	30.00
02/06/2023	APA000753	20965	Equipment Maintenance	510.00
02/06/2023	APA000753	20966	Office Equipment Maintenance	90.00
02/06/2023	APA000753	21022	Equipment Maintenance	60.00
02/06/2023	APA000753	21023	New employee set up	706.18
02/06/2023	APA000753	21024	email setup	60.00
02/06/2023	APA000753	21025	Office Equipment Maintenance	180.00
02/06/2023	APA000753	21026	Office Equipment Maintenance	360.00
02/06/2023	APA000753	21027	Google Earth Install	60.00
02/06/2023	APA000753	21028	Mitel WQ License	598.70
02/09/2023	APA000763	21101	MSP Network Monitoring	509.00
02/09/2023	APA000763	21102	MSP Sophos Central	740.25
02/09/2023	APA000763	21103	Agreement Quarterly Perimeter...	60.00
02/27/2023	APA000789	21193	Office Equipment maintenance	60.00
02/27/2023	APA000789	21194	Office Equipment Maintenance	180.00
<b>Vendor 02712 - VistaNet inc. Total:</b>				<b>4,564.13</b>
<b>Vendor: 02714 - Wagner &amp; Bonsignore</b>				
02/27/2023	APA000790	02-23-416	Legal Fees	551.25
<b>Vendor 02714 - Wagner &amp; Bonsignore Total:</b>				<b>551.25</b>
<b>Vendor: 03002 - Water Works Engineers</b>				
02/09/2023	APA000764	13345	20-064 Dist. Eng. Svs.	1,527.68
<b>Vendor 03002 - Water Works Engineers Total:</b>				<b>1,527.68</b>
<b>Vendor: 03134 - White Glove Cleaning Svc Inc</b>				
02/06/2023	APA000754	76247	Janitorial services	456.00
02/06/2023	APA000754	76248	Janitorial services	550.00
02/06/2023	APA000754	76249	Janitorial services	495.00
<b>Vendor 03134 - White Glove Cleaning Svc Inc Total:</b>				<b>1,501.00</b>
<b>Vendor: 02778 - Wurth USA Inc.</b>				
02/09/2023	APA000765	97536427	Shop supplies	569.33
<b>Vendor 02778 - Wurth USA Inc. Total:</b>				<b>569.33</b>

Expense Approval Report

Payment Dates: 2/1/2023 - 2/28/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
<b>Vendor: 02867 - Zenner USA</b>				
02/27/2023	APA000791	0074605-IN	1" fire serv meter	39,723.61
02/27/2023	APA000791	Inv- 0074576	1" res fire serv meter	11,570.57
<b>Vendor 02867 - Zenner USA Total:</b>				<u>51,294.18</u>
<b>Grand Total:</b>				<u><u>1,193,357.93</u></u>



**Our water. Our future.**  
Paradise Irrigation District

## Strategic Plan Progress Report-03/23

**AGENDA ITEM 5.b. (Pages 34-35)**  
**Strategic Plan Progress Report**

**Mission Statement**  
*We are dedicated to producing and delivering a safe, dependable supply of quality water in an efficient, cost-effective manner with service that meets or exceeds the expectation of our community.*

<b>Customers</b>				
Objective: Provide Exceptional Customer Service				
Goal	Lead	By Date	Status	Complete
Create a Report on Updates to Customer Service Processes (for Board)	Mickey Rich	6/30/2021		✓
Included in monthly staff reports				
Developing 2023 'Voice of the Customer' Survey (based on the 'Voice of the Customer' Survey Conducted in 2022.	Mickey Rich	Updated 3/1/2023		✓
Develop a 'Service Survey' to Be Used at the Completion of Service Delivery. 9/1/2022 added a 1-question post-call survey to our phone tree.	Dir. Sulik	9/1/2021		✓
Develop a Communication/Promotion Plan for 'Sharing Good News'	Dir. Sulik	9/1/2021		✓
Cedar Creek has developed a "Moving Forward" campaign. Items of interest are included monthly in newsletters, social media and semi-annually in Chamber publications				
<b>Finance</b>				
Objective: Improve Financial Sustainability				
Goal	Lead	By Date	Status	Complete
Identify Opportunities for New Products and or Service Lines.	Tom Lando	4/1/2022	ongoing	
To Establish a Plan to Create a Financial Reserve. Investment advisor is actively investing PGE settlement funds. See treasury report for gains.	Tom Lando	10/2021		✓
Capital improvement plan and financial analysis underway. Expected Completion by June 2022				
To Identify Grant/Funding Opportunities	Dir. Hinman	9/1/2021		ongoing
Identify a Committed Grant Writer	Dir. Hinman	9/1/2021		✓
CDBG-DR – Aptim via County Infrastructure Bill – Aptim mapping out currently HMGP – Aptim CalFire – Butte County Fire Safe Council / Aptim Water Board / Capital Improvements - Aptim				
<b>Operations</b>				
Objective: Enhance Operation Efficiencies				

Goal	Lead	By Date	Status	Complete
Perform Employee Role Assessment	Tom Lando	10/15/2021		ongoing
<p>Ongoing assessment occurs anytime there is a vacancy.  The time spent with newly metered customers is keeping the customer service department busy. We have one temporary customer service rep and believe additional help is still needed.  Field crew has indicated the current employee roles are necessary through the end of 2024 or when PID, and utilities complete underground work. An assessment will be performed when construction work has been completed.</p>				
Initiate Project to Develop Organization Standard Operating Procedures (SOP's) and Standard Work Instructions (SWI's)	Tom Lando	9/1/2021	initiated	
Each department is developing SOPs for emergency and critical work.				
<b>People</b>				
Objective: Maximize Our Investment in People				
Goal	Lead	By Date	Status	Complete
Develop a Plan for a Phased Approach Formal Training Program	Mickey Rich	Updated 3/1/2023	initiated	
<ul style="list-style-type: none"> <li>• Staff has set up online training solution. Department managers will be offering relevant courses to employees</li> <li>• Illness and Injury Program has been updated and additional training needs have been identified.</li> <li>• Continue annual training program through ACWA/JPIA</li> <li>• Staff Development Training offered</li> <li>• Annual Safety Training / Required annual / bi-annual training</li> </ul>				
Develop Draft of a Plan for PID Career Tracks	Bowen/Boston	6/1/2022	initiated	
Staff is researching career track elements and best practices for learning organizations.				
Currently developing career skills sheets / awaiting final classification by CPS / HR	HR Firm/Mickey Rich	Updated 3/1/2023		
The board has entered into agreement with a firm 9/2022 – Work will begin after January 2023				
Develop an Employee Incentive Program	Mickey Rich	6/1/2022	initiated	
To be discussed at next admin / personnel committee				

*Organization Goal: Transform business to be the model all businesses want to replicate.*

## Customer Service Activity Report - February 2023

### Service Requests

Row Labels	Sum of Count
Account Management	173
Activate Water w/Backflow	7
Backflow Maintenance	16
Construction Support	20
Disconnect	1
Field Customer Service	61
Field Maintenance	21
From Active to Ready-to-Serve	18
New Meter Order	0
No Water	19
Transfer Ownership	86
Water Quality	3
<b>Grand Total</b>	<b>1430</b>

***Increased** from 464 service requests in February 2022*

### Phone Activity

Phone Activity	Feb. 2022	Feb. 2023	Trend
Average calls per day	27.03	25.21	Decreased
Average abandoned per day	1.47	.60	Decreased
Average time abandon	2:35 min.	1.24 min.	Decreased
Average time to handle	16 seconds	22 seconds	Increased

### Payments Processed

Method Payment	Feb. 2022	Feb. 2023	Trend
Automated Phone System	157	176	Increased
Customer Service Staff	2235	1737	Decreased
Web Portal	1230	1524	Increased
<b>Total</b>	<b>3622</b>	<b>3437</b>	<b>Decreased</b>

# Customer Service Activities

## March 7, 2023

- **Phone Survey**

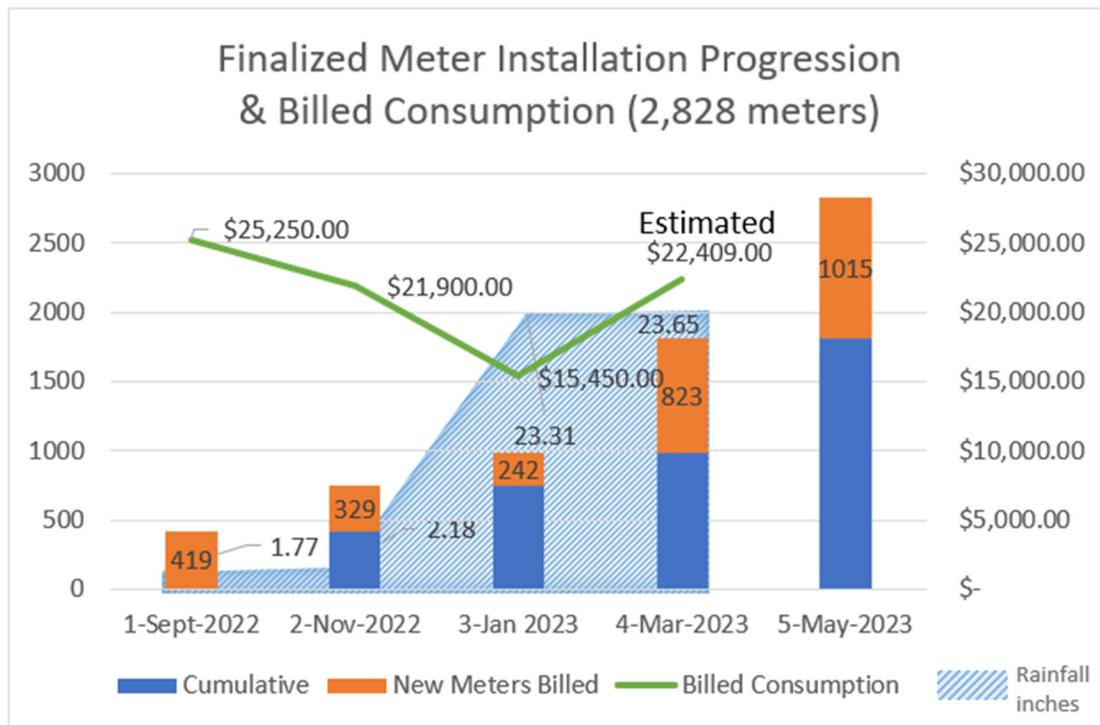
- Starting September 1, 2022 phone in customers are invited to participate in a 1-question phone survey rating their service (1 through 5, with 5 being excellent).
- **Cumulative Results:**

Rating	★★★★★	★★★★	★★★	★★	% Calls
Sept 2022	77	3	0	1	10%
Oct 2022	10	0	0	1	1.4%
Nov 2022	14	0	1	1	2.3%
Dec 2022	3	0	0	1	0.7%
Jan 2023	12	1	0	2	1.8 %
Feb 2023	17	1	0	3	2.9 %

- **DropCountr Registrations**

- We currently have 373 users signed up for DropCountr.
- 8 new users in the last month

- **Metering**



Finalized meter installations are meters which are fully reporting for 30 days with reading data available to billing staff through our meter reading portal.

Customers are notified 30 days prior to their beginning read date of their upcoming change to billing.

Because of software limitations, office staff must manually add the new meter information between billing cycles. The meter addition / and quality control processes are very time consuming for staff. Customer service staff recently added 823 new meters to prepare for the March billing. They will add an additional 1,015 meters to prepare for May billing. We anticipate a slowdown in this work Summer 2023 as we wrap up the current MISLR project and ramp up on phase III MISLR.

**STAFF REPORT  
FIELD OPERATIONS  
February 2023**

**TRANSMISSION & DISTRIBUTION**

**DAILY OPERATIONS**

- PID crews have been taking care of leaks, emergencies, and maintenance issues.
- 5 scheduled main line and service line leaks were repaired this month.
- Call Center received 76 after hour calls.
- Standby received calls.
- 9 emergency calls due to contractors.
- 963 Completed USA tickets.
- 161 Backflows were tested.

**SERVICE LINE REPLACEMENT / WATER REQUEST**

- 29 Interim Water Service (IWS) Backflow devices were installed.
- 18 Fire Flow tests were performed.
- 11 Service lines were replaced.

**CUSTOMER REIMBURSEMENT JOBS (by work order)**

- Working on several New Meter Estimates

**Overview**

- Continued efforts are being made with RCI General Engineering and Water Works Engineers (WWE) to keep the Meter Installation & Service Lateral Replacement (MISLR) Phase 2 project running smoothly and efficiently.
- We interviewed and hired one Utility Locator.
- We are continuing to work on our vehicle replacement program, including surplus of vehicles.
- A meter shop employee obtained their Backflow Assembly Testers Certificate.
- Beginning phases of MISLR Phase 3 and the Mains Replacement Project.
- Coordinating with the Town of Paradise on their Paving and Sidewalk Replacement Projects.

**SUMMARY**

Congratulations to Will Baker for successfully completing the week-long class in Sacramento and obtaining his Backflow Assembly Testers Certification.

With the continued efforts of maintaining our Vehicle Replacement Program we took seven vehicles that were previously approved as surplus vehicles to Bid Cal Auctions. From that auction we had received a check in the amount of \$39,754.17.

We would like to welcome Aaron Ropp to PID. He is our newly hired Utility Locator.

Meetings have been held with Blaine and WWE on a regular basis to discuss phase three of the MISLR Project and what the Mains Replacement Project will entail. Both projects will be starting early 2023.

The Town of Paradise is starting a Sidewalk Replacement Project. Staff has been coordinating work with the Town of Paradise (TOP) to get our infrastructure either relocated, or at the correct grade of the sidewalks. This project includes relocating service lines and meter boxes, relocating hydrants, and setting valve cans to correct grade.

Winter is here! We have been continuing to maintain the parking lots and walkways into the office. We also have been on standby to assist the Town of Paradise with anything they may need during the storms.

**STAFF REPORT**  
**WATER TREATMENT PLANT**  
**February 2023**

**WATER TREATMENT**

- Production at the District’s treatment plant for the month of February varied between 2.0 and 3.2 mgd, with the average day being 2.5 mgd.
  - Compared to:

	<u>pre-fire February 2018</u>	<u>Feb 2020</u>	<u>Feb 2021</u>	<u>Feb 2022</u>
Low	2.1	2.0	1.7	2.2
High	3.0	3.1	2.4	3.5
Avg.	2.6	2.4	2.1	2.8

- Completed required monthly reporting to Department of Drinking Water and Regional Water Control Board.
- On 2/21/23 we pulled the first round of PFAS and Lithium sampling for the UCMR5 (EPA). This included samples at the Plant and D Tank Well. By the end of the year, we will have taken four rounds of samples at the Plant and two rounds at the well.

**Treatment Plant**

- The plant’s production mag-meter was repaired and was supposed to be shipping out early December. After running the meter for a couple days, other issues were found. The additional parts were ordered and have not yet arrived.
- Glenmount had to reschedule due to weather. They will be back on 3/22 to complete the SCADA upgrade project.
- The new screw style compressor was installed on 2/28 when one of the older compressors failed. It went online 3/1. A second screw compressor is being ordered for backup.
- Cleanup of storm related issues, downed trees, washouts, etc. Burning of debris piles.
- Tesla worked on the plant system in early February and believe they completed the rewiring of their system; however, one of the components of their system is not working so they cannot go online until a new part is installed.
- Snowmageddon began on 2/24 and dumped significant amounts of snow at the Plant. Crews worked hard to keep the facility running through several power outages and equipment failures. They also worked around the clock to keep the Plant accessible plowing the road and shoveling snow to access buildings. This continued into March. If the next round is as predicted, we could see the most snow I have seen at the Plant.

**MAGALIA/PARADISE DAMS**

- Monthly monitoring of piezometers at Magalia and Paradise dams was performed and reported to our consultant. Paradise is now read every other week since it is full.
- Gabion wall design was resubmitted to DSOD for their approval of requested changes.
- Worked with Slate Geotechnical on starting up the Magalia Reservoir dam repair design.

**WATER QUALITY – DISTRIBUTION SYSTEM**

- Routine Sampling - 4 Bacteriological samples are taken each week at locations throughout the Distribution system. They are analyzed for Total Coliforms, Fecal Coliform & E. Coli. These samples verify the potability of the water in the system.

**February 2023, WATER QUALITY**

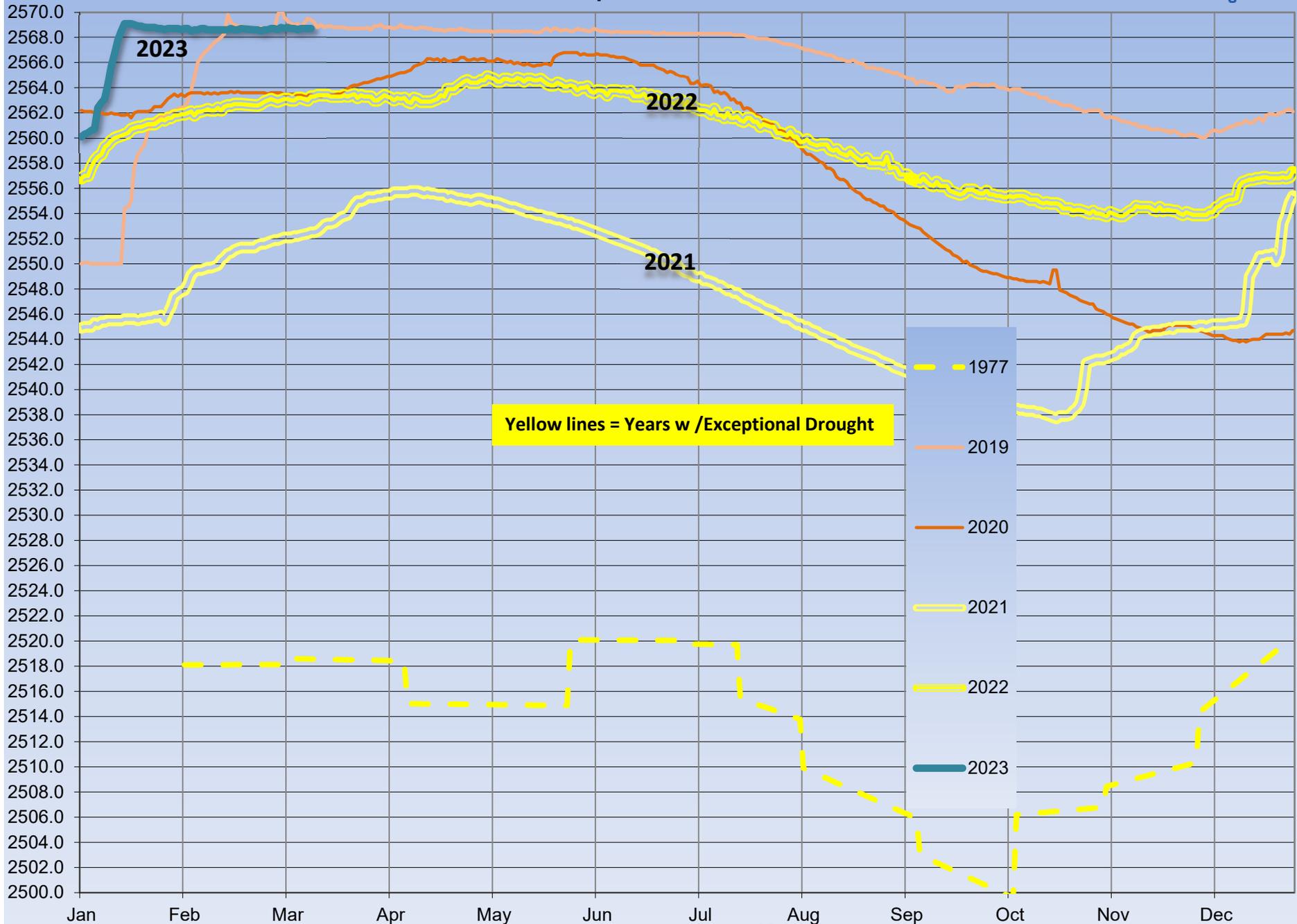
- Average daily production: 2.5 mgd
- Average effluent turbidity: 0.04 ntu
- Average raw water turbidity: 1.01 ntu

**Water Levels (as of 2/28/2023)**

- Magalia Reservoir 2196.5'
- Paradise Lake +0.6'                      -5.0 same day in 2022
- Percentage of Water in Storage 100% of Total Available
- Rainfall for 2022/2023 rainfall year:

▪ October	Magalia Res. 0.00"	Paradise Lake 0.00"
▪ November	5.57"	5.51"
▪ December	19.06"	17.89"
▪ January	18.55"	21.44"
▪ February	5.30"	2.29"
▪ March		
▪ April		
▪ May		
▪ June		
▪ July		
▪ August		
▪ September		
Total for 2022/2023 Rain Year	48.48"	47.13"
Average Rainfall	64.00"	65.20"

Paradise Lake Elevation  
Updated 03/07/2023  
Spill = 2568.1

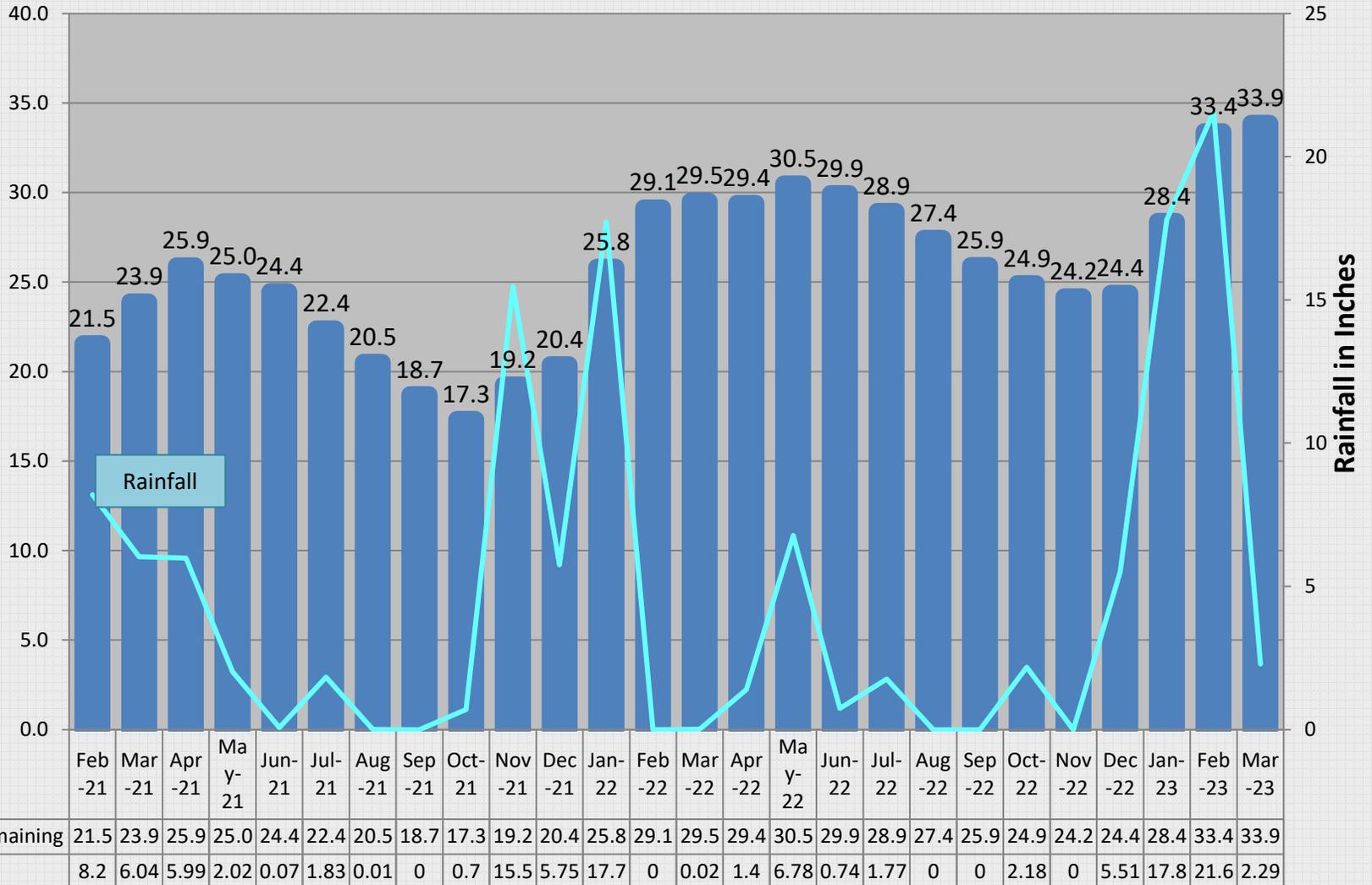


Yellow lines = Years w /Exceptional Drought

## Months of Supply Remaining on the First of the Month with No Future Rain Based on 2020/21 Use

Full Reservoir Supply is 33.84 Months of Supply Remaining. Water use from Oct 2020 through Oct 2021 averaged 363 acre feet per month

Pre-November 2018 Full reservoir



3-9-23

District Engineering Update for the Board of Directors

1. Working with customers and providing estimates to provide new water meter services to multiple locations throughout town. This includes reconnect estimates.
2. Coordinated with Water Works on MISLR 2 and other projects.
3. Working with Slate Geotechnical Consultants for Magalia Dam 100% design.
4. Coordinating with Distribution staff and Water Works to prepare and review Mains Project Phase 1 design.
5. Coordination with Butte County, Water Works, Distribution Staff, Office Staff on Zone A pipeline and Pump project. All bids have been received, T&S Construction came in as the low bid. Parts to be provided by PID have been ordered through Ferguson Waterworks, they were the low bid.
6. Working with Robertson Erickson on a proposed development at 5975 Maxwell Dr. They are proposing to install a new water line across the property and remove the old service line. This will be presented to the board at the March board meeting.
7. Monthly water reporting is continuously being completed.
8. Engineering group has started to review the Town's plans for drainage and bike lane down Pentz Road to determine possible conflicts and the best way to address these.
9. Working with the Town and their Subcontractors on wrapping up the raising and lowering of valve cans on the lower Skyway. There are a few minor installation concerns that need to be addressed before PID will sign off on the work.

# Water Supply Recovery Program Update

## Executive Summary

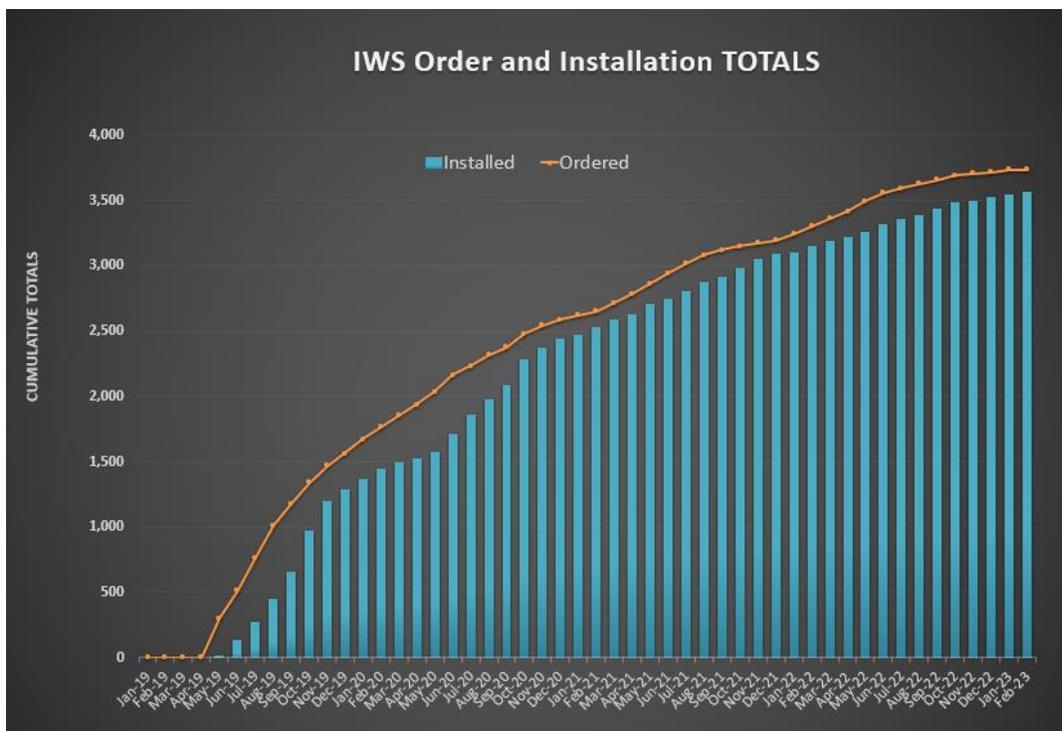
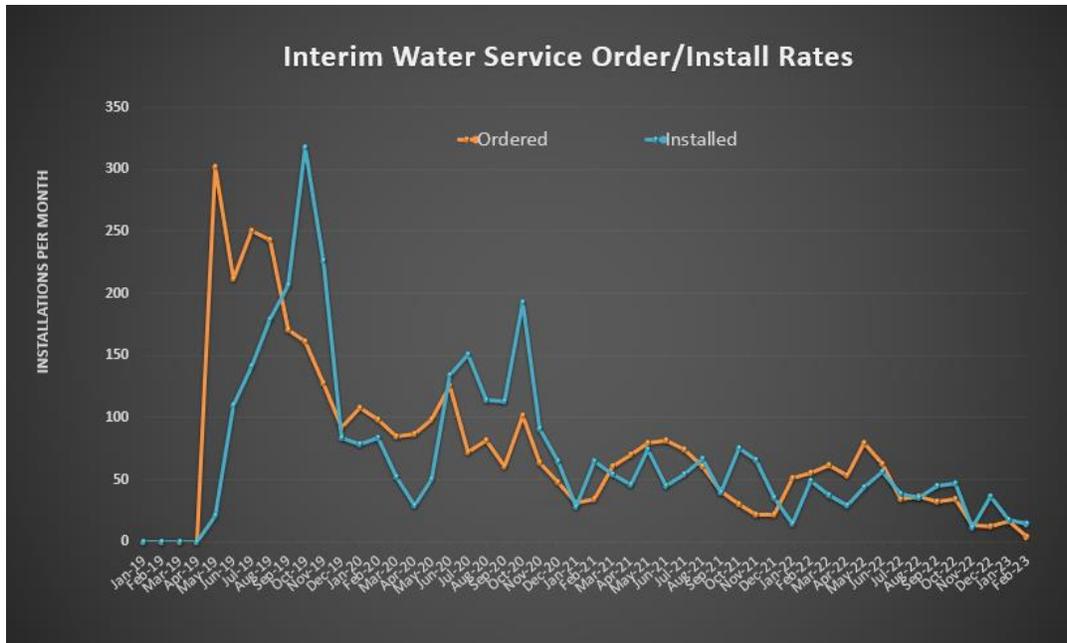
Notwithstanding significant weather issues early in the month, the Recovery Program continued on in good order in January. Highlights from the update:

- **Interim Water** orders continued to be very low (4) and kept up with effectively.
- **Service lateral replacement** rates (58) were higher than January, still affected by heavy weather. Priority locations were the focus in February and replacements in advance of Town of Paradise's planned paving will be a priority.
- **Building permit applications** dropped significantly with only 9 new applications, well below the 2-year average (56/mo). We continue to be very on point with delivering new services to those who are building new houses.
- **Meter and Backflow installations** were also affected by weather, but continued. As of 2/28, 3,669 meters were installed - approximately 2/3 of the 5,506 accounts who have requested water have meters installed.
- **Phase 3 of the MISLR Project** is planned for advertisement in March.
- The development of contract documents for the **Mains Replacement Project, Phase 1** continues. Bidding is planned for the late April timeframe. This will come before the Board for approval at the April meeting.
- Work on the **Reservoir B Replacement Project** is generally on hold due to weather and delay in shipment of the tank ring wall materials. At this time, work is scheduled to resume in late March with the concrete floor placements scheduled for early April, weather permitting.
- The **Zone A Pump Station and Transmission Main Project** has been awarded to T&S Construction at a bid price of \$5,946,600. Preliminary work is under way to plan for the first phase of construction which will be the transmission main section on Skyway from Pentz to the WTP. This work is scheduled for the April-May timeframe, weather permitting. PID has pre-purchased the majority of the materials for this section in order to facilitate early delivery of this work and allow for Butte County paving overlay of that section of Skyway in June.
- The project continues on-budget.

# Water Supply Recovery Program Update

## Metered Interim Water Service

MIWS orders in February were very low with only 4 orders, down further from recent months. This is below the pattern we saw in the fall months with an average of 34/mo. 14 installations were completed in February.



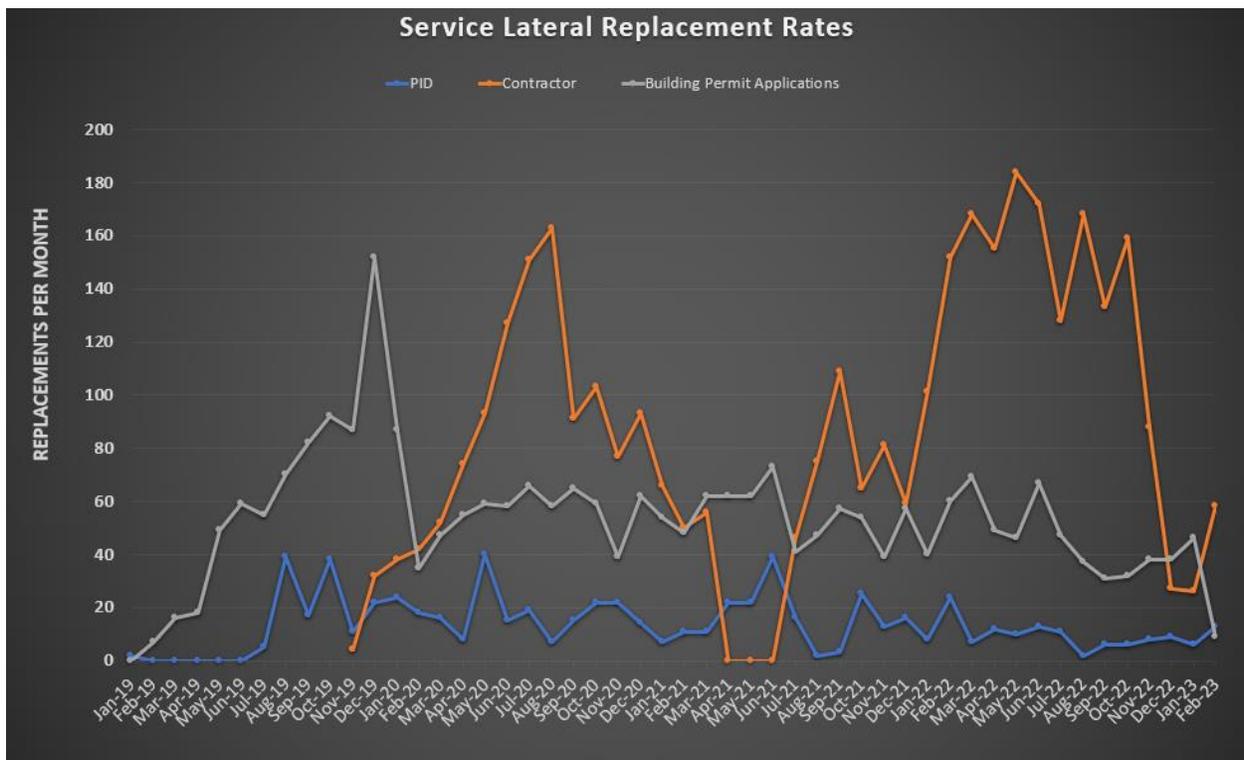
# Water Supply Recovery Program Update

## Meter Installation and Service Lateral Replacement Program

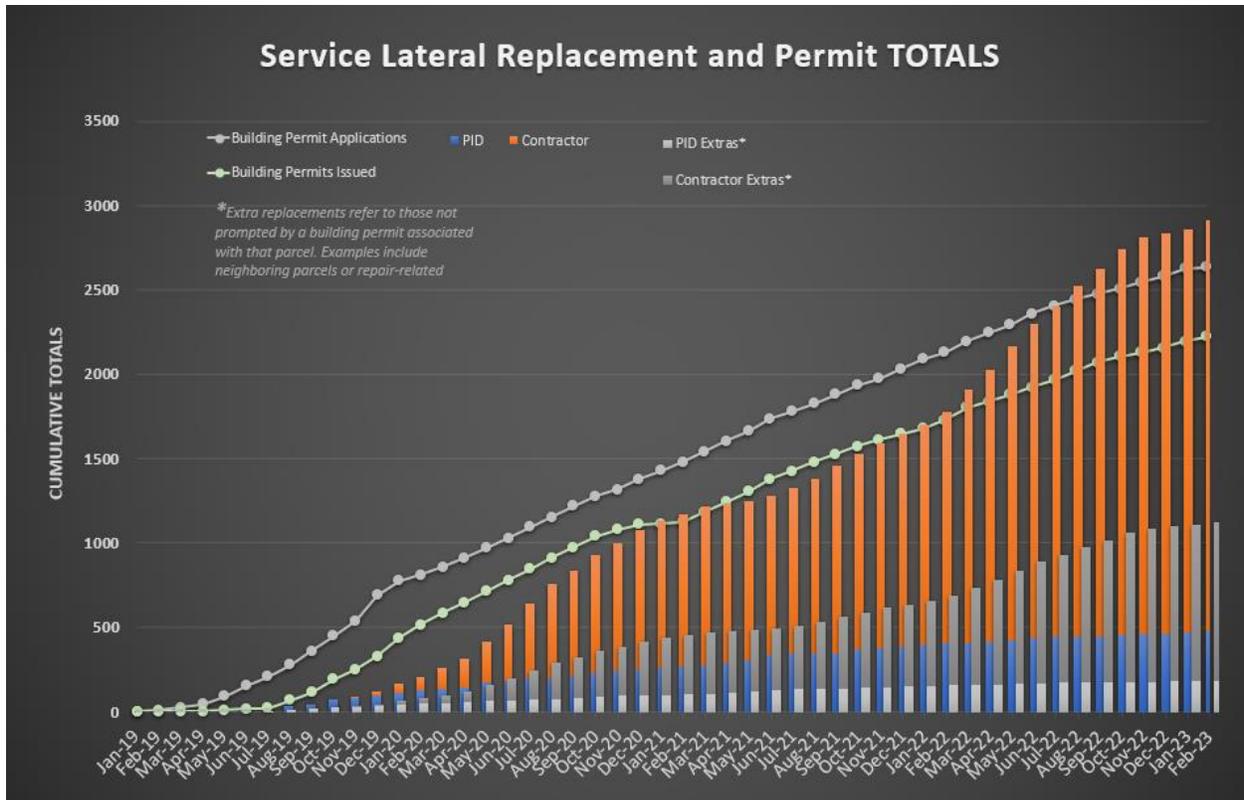
In February the Meter Installation and Service Lateral Replacement (MISLR) Project installed 58 service laterals. Significant weather continued through parts of February and into March. The team coordinated with PID and verify that there are no outstanding priority installations or certificates of occupancy held up by the pause in work due to adverse weather conditions.

In a departure from the trend over the last several months, new permit applications at the Town of Paradise dropped to just 9/month, still well below the 2-year average of 56/mo. As we work through the final months of the MISLR Phase 2 project, RCI will continue efforts to keep abreast of building permits and priorities, maintaining capacity to address service laterals while we continue to push to complete all meters and backflows, representing the majority of the remaining work. As the Town of Paradise ramps up to paving operations, consideration for the addition of service laterals to the current contract to stay ahead of paving while meter installation scope if finished is captured in a separate agenda item alongside a time extension as has been planned in recent months.

Advertisement for Phase 3 of the MISLR project is expected in March, targeting the start of work this summer.



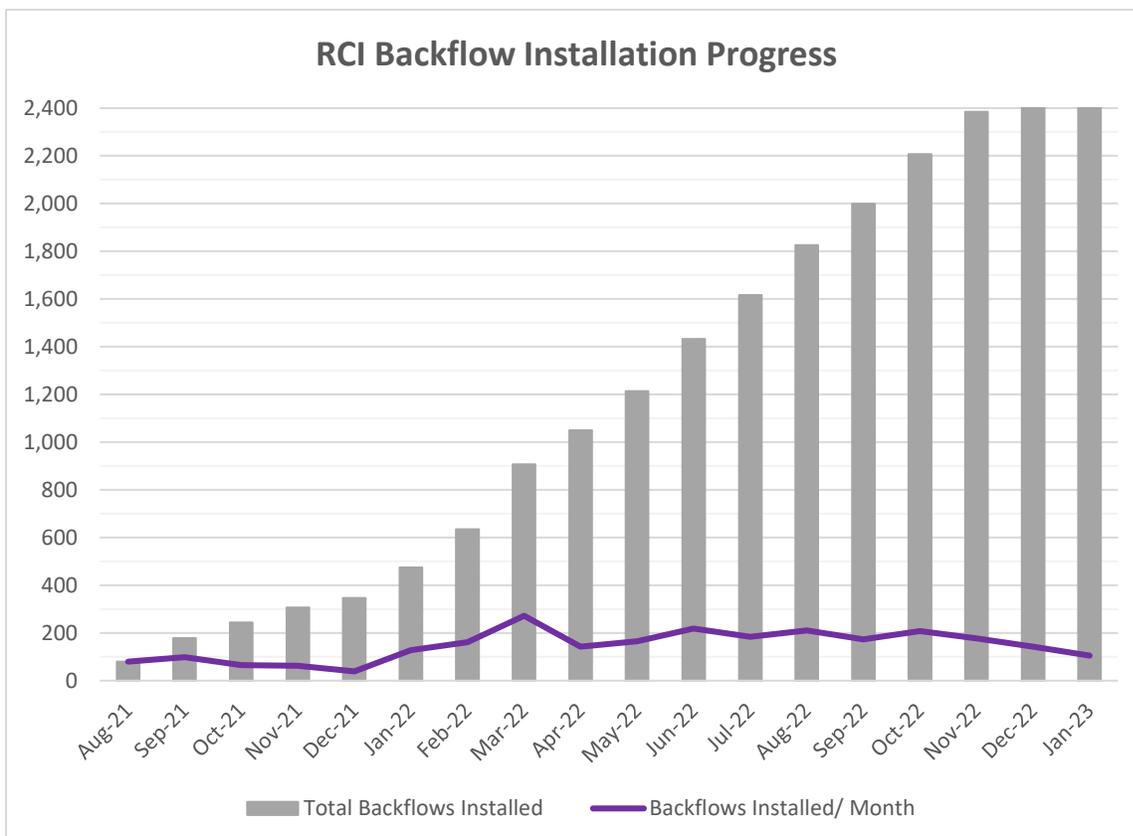
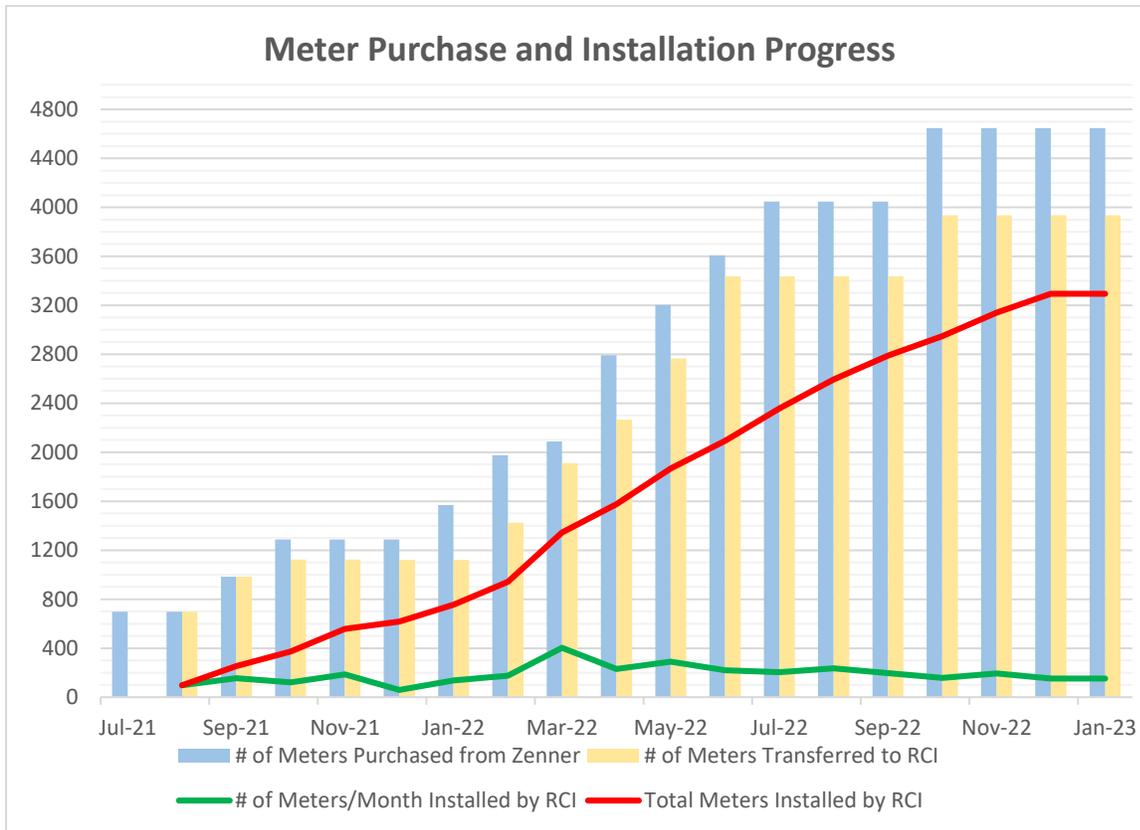
# Water Supply Recovery Program Update



## Meter Replacement Program

In February RCI Installed 201 meters and 178 district-maintained backflow preventers, totaling 3,669 meters and 2,810 district-maintained backflows from the start of the project. There are currently 5,237 accounts who have opted into a district-maintained backflow, which is approximately 95% of all customers who have made a request for water to date.

# Water Supply Recovery Program Update



# Water Supply Recovery Program Update

## Main Replacement Project

Work for development of the design and bid documents for the Mains Replacement Project is ongoing. Water Works, PID Engineering, and PID Operations staff have continued to collaborate on the development of the project. Discussion of design considerations between Water Works and PID for coordination between the upcoming Mains Replacement Project, the current Reservoir B Replacement Project, and the Zone A Pump Station and Transmission Main have taken place throughout January and February.

Water Works and PID continue to keep the Town informed of plans for the Mains Replacement Project as it relates to their planned paving projects and fire hydrants.

## Reservoir B Replacement Project

The contractor completed the tank ring wall forms in early January. The work at Reservoir B is currently on pause awaiting the tank leveling plate delivery. The next construction milestone is pouring the tank floor slabs and setting the leveling plates in the tank ring walls. Work will resume onsite on March 13 with slab rebar and tank leveling plate installation. The slab pour is scheduled for early April. Tank erection work will follow. This is a 1-month schedule delay following the last Board Meeting Update. This reason for this schedule delay is due to the shipment of the tank materials as well as weather.

The yard piping (including the 36" pipeline replacement) work has been rescheduled to June due to the heavy rains that saturated the site soils.

The photovoltaic equipment installation for the other storage tank sites is nearing completion. The functional testing of the equipment was completed successfully. The solar array and battery enclosure mount installation is not yet complete. This is currently a punch-list item.

## Zone A Pump Station and Transmission Main Project

Bid opening for the ZAPS and ZATM project was on February 23. There were 7 total bidders. The lowest bid came in from T&S Construction at \$5,946,600.

PID is in the process of contracting with T&S Construction for the ZAPS and ZATM project; the signing documents were shared with the contractor on March 3. A pre-construction meeting will be scheduled for the second to last week of March, pending PID, Contractor, and Engineer availability.

PID submitted the purchase order to Ferguson Waterworks on February 23 for the ZATM pipeline materials.





MARCH 15, 2023

## Post-Fire Recovery Update

### FEMA Public Assistance (PA) – DR-4407 (Camp Fire Major Declaration)

The FEMA PA Program provides reimbursements for costs incurred while responding to and recovering from a Presidentially declared major disaster. For this event, the federal cost share was 90% on Emergency Work projects (Categories A-B) and 75% on Permanent Work projects (Categories C-G). CalOES covers 75% of the remaining local cost share, so they pay 7.5% and 18.75% respectively. This typically leaves PID with 2.5% and 6.25% respectively.

For this event, PID was able to claim donated resources and offset the entire local cost share on the emergency work projects. In addition, some of the funding from the Drinking Water State Revolving Fund (DWSRF) is offsetting the local cost share on the major PWs for repairing the water system, or replacing Reservoir B when FEMA denied the mitigation proposal. With all funding combined, PID is now only paying a local cost share on recovery-related projects of approximately 0.3%.

Upcoming priorities include:

- **Assessing Additional Funding Options on Water System Projects** – We are working to confirm availability of additional funds from DWSRF to cover the increases in costs for various projects. Initial conversations indicate it is a possibility.
- **Financial Dashboard Development** –Continuing to work with our IT department to develop a dashboard to capture and report on recovery financials.
- **Pending Reimbursement Requests** – We are working with CalOES reviewers to clarify documentation and finalize costs on multiple projects.
- **Time Extensions** – We will begin planning the next round of time extensions, for submission before May. Time extensions were filed with CalOES in November for all work-incomplete projects, and CalOES has transmitted those to FEMA. We are awaiting responses from FEMA.

Below are status summaries for each project awarded by FEMA under Public Assistance:

PW 3	GP 72826	B	Emergency Response/Protective Measures
------	----------	---	--

Obligated:	\$ 1,654,810.97
Fed Share:	\$ 1,489,329.88
State Share:	\$ 124,110.82
Received:	\$ 1,637,185.00
Pending:	\$ 23,744.30

Project is in closeout with CalOES. Overpayment will be addressed at closeout.

**PW 15      GP 84775      Z      PID Management Costs**

Obligated:	\$ 68,779.00
Fed Share:	\$ 68,779.00
Pending Amend:	\$ 4,105,052.56
Received:	\$ 0.00
Pending:	\$ 4,105,052.56

Project 84775/PW 15 was obligated when PID only had PW 3 obligated at \$1,375,597.87, leading to PW 15 having a total value of 5% of that amount or \$68,779.89. Since then, PID has had an additional 12 obligations for a total of \$82,101,045.19, resulting in a need for an amendment to add 5% of that value, or \$4,105,052.26. Amendment was requested on 4/18/22. Time extension requested 11/10/22.

**PW 33      GP 84011      A      Arborist**

Obligated:	\$ 10,210.00
Fed Share:	\$ 9,189.00
State Share:	\$ 765.75
Received:	\$ 9,955.00
Pending:	\$ 0.00

Project will be closed out when the last small project is closed out.

**PW 138      GP 90006      F      Water Storage Tanks and Supporting Systems**

Obligated:	\$ 0.00
Fed Share:	\$ 0.00
State Share:	\$ 0.00
Received:	\$ 0.00
Pending:	\$ 0.00

Project was written as a placeholder for potential damages to tanks and associated systems. None were found, and if any had been found, insurance would have covered it and the deductible is on the equipment/vehicles PW.

**PW 221      GP 94422      G      District-wide Fencing**

Obligated:	\$ 100,000.00
Fed Share:	\$ 75,000.00
State Share:	\$ 18,750.00
Received:	\$ 93,750.00
Pending:	\$ 0.00

Project was initially written for \$578,655.00 with an insurance reduction of \$478,655.00, have received all funding from FEMA and CalOES. Project is pending completion of Reservoir B, so all damaged funding can be completed under one project. Project can then be closed out upon completion of all small projects. Time Extension requested on 11/10/22.

**PW 238 GP 94415 C Road Damage Caused by Fire (Henson Road Culvert)**

Obligated:	\$ 134,173.00
Fed Share:	\$ 100,629.75
State Share:	\$ 25,157.44
Received:	\$ 2,516.00
Pending:	\$ 123,271.19

Project was written for repair costs of \$84,263.00 and 406 mitigation costs of \$49,910.00 to armor the culvert openings with rock. **PID is considering performing this repair internally.** Time Extension requested 11/10/22.

**PW 257 GP 84049 B Contaminant Testing by PID**

Obligated:	\$ 1,781,833.70
Fed Share:	\$ 1,603,650.33
State Share:	\$ 133,637.53
Received:	\$ 1,576,922.00
Pending:	\$ 160,365.86

Most of project funds have been received due to the project being complete at the time of obligation. Remainder (10% of fed share) will be held against closeout of the disaster. We have submitted documentation, both for corrections and additional costs, for a net increase of \$530,892.56. **We are still actively answering RFIs from FEMA for this closeout.**

**PW 265 GP 96404 E Vehicles, Equipment and Buildings**

Obligated:	\$ 35,942.32
Fed Share:	\$ 26,956.74
State Share:	\$ 6,739.19
Received:	\$ 33,695.00
Pending:	\$ 0.00

Project was written for \$883,769.59, with a reduction for anticipated insurance proceeds of \$847,827.27. Has been fully paid as a small project. PID staff are working through the list of minor repairs and purchases that need to be made to complete this project. In discussions with PID staff, some potential scope items may not be feasible or desired, so a scope modification may need to occur. Time Extension requested 11/10/22.

**PW 321 GP 76334 F Reservoir B**

Obligated:	\$ 347,704.00
Fed Share:	\$ 260,778.00
State Share:	\$ 65,194.50
Received:	\$ 0.00
Pending:	\$ 325,972.50

Project was written for replacement of Reservoir B in its pre-disaster form with cover and liner. FEMA rejected 406 mitigation proposal to replace with steel tanks. DWSRF is funding the full project, so FEMA funds aren't needed here.

**PW 326 GP 91767 Donated Resources**

Obligated:	\$ 382,983.85
Fed Share:	\$ 344,685.47
State Share:	\$ 28,723.79
Received:	\$ 376,281.00
Pending:	\$ 2,871.74

FEMA allows donated resources projects as a way to offset the local cost share. PID received \$1,090,910.05 in donated water, but the obligation is limited to the amount that will result in matching PID's local share on other Category A and B projects. Unsure why the CalOES' payments resulted in an overpayment – this can be resolved at disaster closeout.

**PW 328 GP 94420 D Paradise and Magalia Dam Burn Damage**

Obligated:	\$ 35,631.32
Fed Share:	\$ 26,723.42
State Share:	\$ 6,680.85
Received:	\$ 33,404.00
Pending:	\$ 0.00

Project was written for minor repairs to the surface of Magalia Dam as well as damage to the conveyance pipe between the dam and WTP. Project referenced Paradise Dam as a placeholder, but no damage was observed. As a small project, this has been completed, but the scope of work will need to be completed before closing all small projects.

**PW 332 GP 94494 F Meters, Meter Boxes and AMI System**

Obligated:	\$ 2,087,334.00
Fed Share:	\$ 1,565,500.50
State Share:	\$ 391,375.00
Received:	\$ 39,138.00
Pending:	\$ 1,917,737.50

Project was written for replacement of meters, meter boxes and the automated meter reading system, with a 406 mitigation proposal to replace plastic meters and boxes with brass meters and concrete boxes. **Initial reimbursement requests are on hold pending further insurance information.** Time Extension requested 11/10/22.

**PW 333 GP 94496 F Service Laterals**

Obligated:	\$ 42,793,182.00
Fed Share:	\$ 32,094,886.50
State Share:	\$ 8,023,721.62
Received:	\$ 802,372.00
Requested:	\$ 13,401,025.98
Pending:	\$ 25,915,210.14

Project was written for testing and replacement of the rest of the FEMA-eligible service laterals, after PW 355 covered the initial phase of service lateral replacements from the Sutton contract. This project includes a 406 mitigation proposal for backflows for the quantity of laterals granted (the remainder of backflows are covered on project 349). This project includes the latter half of the Sutton contract and the RCI contract. An improved project is being formulated to shift testing costs into replacing more laterals. Initial RFR submitted 1/18/23. Time Extension requested 11/10/22.

**PW 349    GP 130152    F    Water Mains**

Obligated:	\$ 29,873,110.00
Fed Share:	\$ 22,404,832.50
State Share:	\$ 5,601,208.12
Received:	\$ 560,120.00
Pending:	\$ 27,445,920.62

Project was written for replacement of mains determined to be damaged by testing, as well as a 406 mitigation proposal for the remainder of backflows. This project is only recently started and initial reimbursement requests will be formulated soon. Time Extension requested 11/10/22.

**PW 355    GP 130189    F    Initial Service Laterals (pre-FEMA-428 Program)**

Obligated:	\$ 4,587,432.00
Fed Share:	\$ 3,440,574.00
State Share:	\$ 860,144.00
Received:	\$ 4,386,732.00
Pending:	\$ 86,014.00

Project was written for the initial phase of service lateral replacements from the Sutton contract. This project includes the first half of the Sutton contract. FEMA's titling of the project as "completed outside of 428" led to confusion of CalOES and early payment of funds – notified CalOES of the issue and they decided not to pursue correction of the issue since the work had already been completed. **Working on resolving the Sutton change orders to get ready for project closeout – the increase in eligible costs will be submitted at closeout for extra reimbursement, which is expected to surpass the amount of CalOES' overpayment.**



## FEMA Hazard Mitigation Grant Program (HMGP)

The FEMA Hazard Mitigation Grant Program is a competitive grant program tied to major disaster declarations. The program provides mitigation opportunities for facilities that were not damaged by the event, but that could be hardened against or protected from a similar type of event.

For the DR-4407 (2018 Camp Fire) HMGP cycle, PID submitted four applications. One application was allowed to partially move forward as an Advance Assistance HMGP grant, for the study and design of the options to restore Magalia Dam. For the DR-4344 (2017 Wildfires) HMGP cycle, PID had submitted an application for a generator at the WTP, as well as pipeline and pump stations improvements. This grant was suddenly revived in early 2022, and we just received the formal award notice this month.

The HUD CDBG-MIT program (discussed below) offers opportunities to provide local cost match for HMGP projects, so we will be submitting both HMGP grants for match funding when the application window opens. APTIM's CDBG advisors are working to put together guidance on any project modifications in order to be compliant with HUD-CDBG (such as Davis-Bacon provisions in RFPs and contracts).

### DR-4344-PJ0619

### Paradise Water Supply Hazard Mitigation Project

Awarded:	\$ 6,259,315.00
Federal Share:	\$ 4,694,486.25
PID Share:	\$ 1,564,828.75
Received:	\$ 0.00
Pending:	\$ 4,694,486.25

This grant was just awarded in September 2022, for a new generator at the WTP, plus pipeline and pump station upgrades for Zone A. PID staff are working to review/revise the 5-year-old cost estimates to determine if a budget increase request is needed. The RFPs for this scope have been reviewed for FEMA compliance, and we **have located** the HUD terms and conditions to add as well.

### DR-4407-PJ0278

### Advance Assistance – Magalia Dam Study and Design

Awarded:	\$ 1,610,575.00
Budget Increase:	\$ 916,602.58
Total Expected:	\$ 2,527,177.58
Federal Share:	\$ 1,895,383.18
PID Share:	\$ 631,794.40
Received:	\$ 186,839.72
Pending:	\$ 1,708,543.46

The study phase of this grant was completed in early 2022. PID has received an extension to the period of performance and is currently awaiting a budget increase approval from FEMA. We've been informed this is in final review with FEMA and that budget increase approvals are coming in regularly, but that FEMA's response to Fiona and Ian may result in additional delays. The design contract was approved, so that design may be accomplished in time to apply for the 2023 BRIC funding cycle.

**Expect the Extraordinary.**



## Community Power Resiliency Allocation to Special Districts (CalOES)

Previous PID leadership applied for a Community Power Resiliency Grant and received an allocation of \$269,200 to install solar panels on the water tanks and update the District's Emergency Response Plan (ERP). Bill Taylor completed the ERP portion of the scope. Procurement of the solar panel work proved difficult due to the relatively small scale, so after a couple attempts at procuring this alone, it was bundled into the Reservoir B RFP. This work came in at under half of the expected cost.

## California Drinking Water State Revolving Fund (DWSRF)

The California DWSRF has awarded funding to PID, through a mixture of ASADRA and other funding sources, to accomplish the following tasks:

- Fund the Almond Street project (completed)
- Fund the replacement of Reservoir B (begun)
- Fund the local cost share of FEMA PA PWs related to the recovery of the water system (PWs 332, 333, 349 and 355)

We are working to pull all the documentation and develop a management plan that meets requirements for reporting, reimbursement, and any scope or schedule changes. We are also looking to pursue additional DWSRF grants to fund the replacement and extra equalizer tank project at the WTP, as well as the added cost of rock removal at Reservoir B. **We met with Bow Reilly at DWSRF on March 14 to discuss pending reimbursements, and she confirmed that additional funding is available and can be requested to cover cost increases.**

## HUD Community Development Block Grants (CDBG-DR, -MIT)

California Department of Housing and Community Development (HCD) released the allocations for CDBG-Disaster Recovery (CDBG-DR) in August 2022. Of the \$14M we submitted in requests, we are expecting an allocation of approximately \$3.25M. One project (the portable water treatment truck) was ruled ineligible. Several projects contained scope elements that are in the newly awarded HMGP grant, so those will be included with the Magalia Dam HMGP grant in our submission to CDBG-MIT for FEMA HMGP Match.

We met with the Town of Paradise and HCD on Wednesday 11/16/22 to discuss how information and financials will flow between PID, the Town (as the main applicant) and HCD. As of that meeting, the Town and HCD had not finalized their agreement, and our next steps are based on the finalization of that documentation, which is not expected until early next year. We met with HCD on 1/17/23 to discuss the form to prove Urgent Need and contract requirements (David-Bacon, Section 3, etc) for work we plan to fund through CDBG-DR and CDBG-MIT.

**On 2/13/23, the Town indicated they still hadn't seen an MSA to review. An update was requested 3/14/23.**

## FEMA Building Resilient Infrastructure and Communities (BRIC)

FEMA's BRIC Notice of Intent (NOI) window ended November 11, 2022. We had intended to submit the Magalia Dam construction project in this cycle of BRIC funding, but CalOES staff informed us that the project would not be selected for this cycle due to our current schedule for having a completed, shovel-ready design. They did inform us that FEMA had held back some of the recent legislative additions to BRIC so that next year would be comparable to this year's allocation, and they felt the Magalia Dam project would be a very competitive submission for next year's cycle, so our current plan is to submit for next year's cycle (NOI window expected in Aug-Sep 2023).

**Expect the Extraordinary.**



## PARADISE IRRIGATION DISTRICT

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"Paradise Irrigation District (PID) is dedicated to the business of producing and delivering a safe, dependable supply of quality water in an efficient, cost effective manner with service that meets or exceeds the expectation of our customers."

DATE: March 15, 2023

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Customer Request for Adjustment of Rate Category for Agricultural Purposes

The owner of 3344 Inspiration Lane and contiguous property, 195 Wayland Road, is requesting to be placed on the residential irrigation and irrigation rates respectively. An approval of this request reduces the rate for water consumption from \$1.61 per hundred cubic feet to \$0.35 per hundred cubic feet. It is my understanding that crops have not yet been planted at either location and a distillery business located at 195 Wayland Road is in the permit process with the Town of Paradise but not yet in operation.

The District's 2015 Rate Study details the rationale for the subsidized rate offered to local agencies and irrigation customers.

" Local Agency and Irrigation accounts are addressed in the same chapter because they provide a local benefit to all PID customers.

Local Agencies all provide facilities or outdoor areas that are open and available to the public. If a residential customer chooses to forgo a lawn to conserve water, local agencies provide parks and balls fields to still enjoy a lawn setting.

Irrigation customers provide a historical and local heritage as well as open space that benefits all customers. They also do not require the treatment process to drinking water standards.

Most importantly, both of these types of customers have the ability to use additional water in years when PID has adequate supply and to cut back quickly in times of drought. This helps PID to increase the use of its permitted water rights before those rights go to license.

PID can, and historically has, offset a portion of the cost to serve such customers with non-water charge revenues. In this way, the costs otherwise recoverable from those customers are not shifted to other customers through their monthly water bill. The following non-water charge revenues are identified in the PID budget.”

<b>Budget Year 2022/2023</b>	
Taxes - PID Share	332,581.75
Outside Water Sales	184,292.63
Interest Income	791,881.41
Rental Income	9,836.50
<b>Total Non-Rate Revenue</b>	<b>1,318,592.29</b>

The total subsidized Local Agency and Irrigation Customers historically account for less than \$170,000.00 per year.

Policy: Chapter 6.6 Water Service

## **6.6 WATER SERVICE**

The District provides domestic and irrigation water from Paradise Lake and Magalia Reservoir through the District treatment plant, and occasionally from District drought management wells, through the District’s piped distribution system. The District operates the system with permits from the State of California, Department of Water Resources. Irrigation and residential irrigation water service accounts are defined as those using water on two or more acres for any legal agricultural endeavor.

The recommended form of motion would be:

“I move to authorize the Residential Irrigation Rate for 3344 Inspiration Lane, and the irrigation rate for 195 Wayland Road.”



## Burnt Barn Distilling Company, LLC

195 Wayland Road  
Paradise California  
(530) 228-0941  
[www.burntbarndistilling.com](http://www.burntbarndistilling.com)

March 7, 2023

Paradise Irrigation Depart  
Board of Directors  
6332 Clark Road  
Paradise, CA 95969

Dear Directors:

We would like to request a change in our rating from residential to agricultural for 3344 Inspiration Lane and 195 Wayland road. Both properties are contiguous to each other and are being used for the production of crops and processing of agricultural commodities.

We have paid for and upgraded the 195 Wayland property from a 1 inch meter to a 2 inch meter and are in the process of increasing the size of 3344 Inspiration from a 1 inch to a 1.5 inch to accommodate the additional flow required to irrigate crops for use in the craft distillery located on 195 Wayland road. The craft distillery industry is described as agricultural. Burnt Barn Distilling will be a grain-to-glass distillery with most of its raw materials either purchased from local farms or grown on site. We will process gin, vodka, and bourbon. The botanicals for our gin will be grown on both properties, which combined, consist of approx. 25 acres of land. Our current Central Valley Waste Water permit will allow us to use our spent processing water for irrigation purposes and our spent solids for land application to enhance our crops.

Thank you for this review.

Cliff Jacobson  
Partner, Burnt Barn Distilling Co., LLC



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**TO: Board of Directors**

**FROM: Blaine Allen, District Engineer**

**DATE: March 8, 2023**

**RE: Zone A Pipeline and Pump Station Project Construction Management  
3/15/23 Board of Directors Regular Meeting**

The Zone A Pipeline and Pump Station Project is moving forward. The bid opening date for this project was held on February 23, 2023 with the lowest responsible bidder being T&S Construction Co., Inc. at a contract amount of \$5,946,600. Staff is working with T&S Construction Co., Inc. to finalize the contract and preparation for the notice to proceed. PID has also submitted a purchase order for the materials for the transmission line at a total cost of \$957,618.72 with Ferguson Waterworks who was the low bidder.

PID staff is requesting that Water Works Engineers, LLC (Water Works) provide construction management services for this project. Water Works designed the Zone A Pipeline and Pump Station project for PID. This makes them a great candidate to also be the construction management team as they are very familiar with all aspects of this project. Staff has been told that Water Works will partner with local engineering firms Northstar and ARCSine for their inspection and electrical services on this project.

Water Works has submitted an amendment at a total cost of \$539,480. This is about 7.8% of the total construction cost. An amendment 3 to their contract that included the design of Reservoir B and the Zone A Pipeline and Pump Station will be required. With the addition of the \$539,480 the total contract will be for \$1,320,544.

This project is FEMA funded at 75% of the total cost share with 25% local cost share. This will result in construction management costs of \$404,610 being FEMA eligible and \$134,870 being local match. Staff will work with Aptim to pursue other funding avenues to reduce the amount of local share that PID will have to pay for this project. Staff recommends an additional 20% contingency of \$107,896 also be authorized for these services.

The following motion is recommended:

*"I move approval to authorize the District Manager execute an amendment 3 to the contract with Water Works Engineering, LLC for the amount of \$539,480 for a total of \$1,320,544 with an additional contingency of \$107,896 for the construction management services for the Zone A Pipeline and Pump Station Project."*



# WATERWORKS

## E N G I N E E R S

March 8, 2023

Blaine Allen  
District Engineer  
Paradise Irrigation District  
6332 Clark Road, Paradise, CA 95969

*Principals*

John Matta, P.E.  
Ben Lee, P.E.  
Sami Kader, P.E.  
Mike. Fisher, P.E.  
Rob Bryant, P.E.

**RE: Proposal for Amendment 3 to the Agreement Between PID and Water Works Engineers  
Construction Management Services for the Zone A Pump Station and Transmission Main Project**

Dear Mr. Allen:

Water Works Engineers (Water Works) is pleased to submit this proposal to provide Construction Management Services for the Zone A Pump Station and Transmission Main Project. Water Works Engineers specializes in planning, design and construction services for water and wastewater treatment facilities and infrastructure. We have been in business for 18 years and members of our team have been involved with Paradise Irrigation District since 2017 including significant involvement in the Camp Fire Recovery Program since 2019. Our experience with the District includes the planning and design of the Zone A Pump Station and Transmission Main Project.

Our team for this project includes myself, Sami Kader, as the Project Manager, Sheila Nilsen (the Project Engineer for the design of this project and the Project Engineer and Construction Manager for the Reservoir B Replacement Project) as the Construction Manager, our teaming partners at NorthStar led by Jay Lowe providing field inspection support and our teaming partners at ArcSine Engineering led by Brian Reid (the designer of the electrical and controls systems for this project) providing electrical and controls support.

The attached Exhibits detail the scope and fee basis for this proposal. Thank you for your consideration. Please let me know if you have any questions or need anything additional.

Very Truly Yours  
WATER WORKS ENGINEERS, LLC

Sami Kader, PE  
Principal Engineer

**AMENDMENT NO. 3 TO AGREEMENT BETWEEN PARADISE IRRIGATION DISTRICT AND WATER WORKS ENGINEERS REGARDING PLANNING AND DESIGN FOR RESERVOIR B**

THIS AGREEMENT is made and entered into this \_\_\_ day of \_\_\_\_\_, 2023, by and between Paradise Irrigation District, an irrigation district formed and existing under Division 11 of the California Water Code (“District”), and **Water Works Engineers, LLC** (“Consultant”). District and Consultant are collectively referred to as “parties” or either individually as “party”.

**RECITALS:**

WHEREAS, on May 17, 2017, parties entered into an Agreement for Planning and Design Services for Reservoir B (“Agreement”);

WHEREAS, on September 20, 2017, parties amended the agreement for Planning and Design Services for Reservoir B (Amendment No. 1);

WHEREAS, on September 20, 2017, parties amended the agreement for Planning and Design Services for Reservoir B (Amendment No. 2);

WHEREAS, since that time, parties have identified additional work that must be performed; and

WHEREAS, in accordance with Paragraph XIII of the Agreement, the parties desire to modify the Agreement to reflect the changes in the scope of work.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby stipulated, the parties agree as follows:

1. Paragraph III (B)(1) shall be amended to state:

Consultant shall be solely responsible for satisfactorily completing the Project, including those tasks described in Amendment 1 – Exhibit A and Exhibit B , Amendment 2 – Exhibit A and Exhibit B , and Amendment 3 – Exhibit A and Exhibit B. Consultant shall supervise and direct the work to the best of the Consultant’s ability and give all attention for such proper supervision and direction.

2. Paragraph VI (A) shall be amended to state:

Payment: Consultant will be paid on a time and materials basis in an amount “not to exceed” **\$1,320,544** for the Project and work to be performed in Amendment 3 – Exhibit A and Exhibit B. No work in addition to the work described in this Agreement, including Exhibits shall be performed by Consultant without prior written authorization by District as provided for in section VII. Progress payments shall be made monthly for work completed based upon the billing rates contained in the Schedule of Rates/Fees attached hereto as Amendment 2 – Exhibit A and Exhibit B.

Except as modified herein, the provisions of the May 17, 2017 Agreement shall apply.

IN WITNESS WHEREOF the parties execute this Agreement on the day and year first herein above written.

Signature

\_\_\_\_\_  
Sami Kader, Principal

ATTEST:

\_\_\_\_\_

\_\_\_\_\_  
Printed Name and Title

TAXPAYER ID 20-3148271

Business Type:

Corporation     Yes     No

Other: LLC

*(Complete W-9 enclosed)*

PARADISE IRRIGATION DISTRICT

ATTEST:

\_\_\_\_\_  
Georgeanna Borrayo, District Secretary

\_\_\_\_\_  
Tom Lando, District Manager

Attachments:

Exhibit A - Consultant's Scope of Work

Exhibit B - Consultant's Schedule of Fees

**EXHIBIT A**

**Scope of Work to be performed by the Consultant**

**EXHIBIT A**

**AMENDMENT NO. 3**

**TO AGREEMENT BETWEEN PARADISE IRRIGATION DISTRICT AND WATER WORKS ENGINEERS REGARDING  
PLANNING AND DESIGN FOR RESERVOIR B**

**Scope of Services for  
Construction Management Services for the  
Zone A Pump Station and Transmission Main Project**

**PROJECT DESCRIPTION**

The project specifics are as follows:

<b>Location</b>	Paradise, CA
<b>Facility Name</b>	Zone A Pump Station and Transmission Main
<b>Facility Type</b>	Drinking Water
<b>Existing Facility or Site Description</b>	<ul style="list-style-type: none"><li>• Zone A Transmission Main. Approximately 7350-ft of 16" PVC C900 or Ductile Iron water transmission main installed in Pine Needle Drive, Skyway and New Skyway with the majority of the pipeline in New Skyway. The work in New Skyway will involve traffic control, diversion of traffic using Skyway. Approximately 4681-ft to be completed by June 1, 2023, ahead of paving work by Butte County.</li><li>• Zone A Pump Station. Located at the Paradise Water Treatment Plant. Pulls water from the Treated Water Storage Tank (TWIST) and pumps through the new Zone A Transmission Main to the existing A-Zone distribution system near Reservoir A.</li><li>• Pump Station 2 – Installation of piping and valves which allow for the backfeed of B-Zone from A-Zone if necessary.</li></ul>
<b>General Project Objectives</b>	<ul style="list-style-type: none"><li>• Provide Services During Construction and Construction Management services for the Project, as detailed in the scope of work.</li></ul>

**ASSUMPTIONS**

The following assumptions have been made in the development of this scope and fee. Additional Task Orders would be required in order to perform any of the work which is not listed in this scope or has been specifically identified as out of scope in the assumptions below:

1. Environmental Permitting assumptions: Compliance with the recommendations of the CEQA documentation for the project is the responsibility of the Construction Contractor. CONSULTANT will review Contractor's compliance plans and observe and document compliance efforts, but is not directly responsible for CEQA compliance.
2. Special Use and Building Permitting assumptions: No special use or building permits are required for this project.
3. Geotechnical Engineering assumptions: Geotechnical testing if required will be provided by others. Oversight of Geotechnical testing is included.
4. Surveying and potholing assumptions: No surveying is included in this scope.
5. Schedule assumptions: The assumed project duration is 16 months. This scope does not assume full-time inspection coverage for the entire 16 months, however, as a significant portion of that time will be waiting

for pump equipment delivery. The proposed fee assumes that the level of effort for construction management as well as on-site inspection specifically defined in this scope will be adequate for all parties (accommodating Contractor schedule, Regulatory Agency requirements, district requirements, etc.). Additional project duration or requirements for on-site personnel present will require additional scope.

**SCOPE**

The following services will be provided by CONSULTANT for the Construction Management of the Zone A Pump Station and Transmission Main Project. This Task Order has been split into subtasks as follows:

Subtask	Title
1	Submittal Reviews
2	Construction Management
3	Daily Inspection
4	Electrical Equipment Witness Testing
5	Coordination of System Start-up and Commissioning
6	Project Close-out

**Task 6.1 – Submittal Reviews**

ENGINEER will provide the following Engineering Services During Construction

1. Submittal Reviews (up to 80 submittals at 2 hours/submittal)

**Task 6.2 – Construction Management**

1. Project Meetings and Communication
  - a. Conduct Preconstruction Conference
  - b. Conduct Periodic Construction Conferences
    - i. Frequency of Construction Conferences will depend on Contractor activity – could vary from weekly to monthly.
      1. Assumption is an average of bi-weekly for 16 months (budget is for 32 Construction Conferences)
    - ii. Attendance will be by Consultant’s Construction Manager, at a minimum.
    - iii. Construction Conferences are assumed to be in-person at the construction site.
    - iv. Construction Conference agenda will include, at a minimum
      1. Safety Review (Contractor)
      2. Construction Progress Report (Contractor)
      3. 3-week Look-Ahead Report (Contractor)
      4. Schedule Update (Contractor)
      5. RFI Log Review (Consultant)
      6. Submittal Log Review (Consultant)
      7. Change Order Status Review (Consultant)
      8. Pay Application Status Review (Consultant)
  - c. Coordinate communications between Contractor, District Engineer, Operations Staff, Project Team
2. Contract Management
  - a. Schedule review, development and tracking
  - b. Monthly pay application and budget review (16 months)
3. Change Management

- a. Change order request review (assumes up to 20 change orders)
- b. Recommendation of change order approach to DISTRICT Project Manager
- c. Obtain approval of any change order from DISTRICT prior to authorizing Contractor to perform work
- 4. Plans and Specifications Interpretations and Clarifications
  - a. Review RFIs and respond in the field or coordinate response with engineering team. (assumes up to 50 RFIs)
- 5. Schedule Review
  - a. Review Contractor Schedule Submittal and work with Contractor to develop final working project schedule
  - b. Work with Contractor for continuous update of Project Schedule
- 6. Monthly Progress Reporting (Incorporated with Recovery Program Update Reporting)
  - a. Work summary (previous month/upcoming month)
  - b. Schedule status update
  - c. Budget status update
  - d. Project issues
- 7. Records Management
  - a. Tracking and documenting RFIs, Change Orders, Submittals, and all other project documentation
  - b. Documentation of all labor compliance requirements including prevailing wage Certified Payroll submission, spot-checking of prevailing wage payment (labor interviews), tracking MBE/WBE usage as compared with bid, and other requirements of SRF Funding for labor compliance monitoring.

**Task 6.3 - Daily Inspection**

Daily inspection will be provided when the construction contractor is actively working at the project site. This scope includes up to 1400 hours of inspection as follows:

- 1. Average of 50 hours/week for the first 3 months of the contract while the Zone A Transmission Main work is completed (600 hours). This is likely to occur from April to June, 2023.
- 2. Average of 24 hours/week for the following 6 months of the contract while the Zone A Pump Station is being completed (other than pump installation) (600 hours). This is likely to occur from June to December 2023.
- 3. A break in on-site construction activity from January 2024-June 2024 while pumps are being manufactured and shipped.
- 4. Average of 20 hours/week for 3 months to observe pump installation, testing and start-up of the Zone A Pump Station as well as Pump Station #2 Work (160 hours)
- 5. Electrical and Controls Inspections (40 hours)

Daily inspection scope will include the following:

- 1. Management and Coordination of Inspection Staff
- 2. Observation of daily construction activities to ensure conformance with plans and specifications.
  - a. Preparation of daily inspection diary
  - b. Tracking of working days and completion and tracking of weekly working day statement
  - c. Digital photos of pre-construction conditions, construction activities and post-construction conditions
  - d. Construction Activity Observations and Inspections (structural, electrical, mechanical, underground piping, civil, etc.)

- e. Quality Assurance Testing Observations and coordination with independent testing agencies where appropriate (pressure testing, concrete testing, subgrade testing)
- 3. Tracking of project issues
  - a. Tracking contractor work on Change Orders and potential Change Orders
  - b. Identifying deficiencies and working with Contractor directly for resolution
- 4. Observing Permit Compliance
  - a. Observing Contractor compliance with regulatory requirements (Traffic Control, SWPPP, CEQA, etc.)
  - b. Working with Contractor to mitigate permit compliance issues as quickly as possible, monitoring and recording the steps taken, and reporting all compliance issues to the DISTRICT immediately.
- 5. Tracking of as-built changes with red-lining of contract drawings.

**Task 6.4 – Coordination of Zone A Pump Station Start-up and Commissioning**

Under this task, CONSULTANT will review Contractor’s Operational Readiness Test Plan (as described in Specification Section 13300) and observe the ORT as it is performed by the Contractor. This is estimated to take one day. Following start-up, CONSULTANT will review Contractor’s Functional Acceptance Test Plan (also per Specification Section 13300) and observe the FAT as well. CONSULTANT will work with the Contractor to schedule the ORT and FAT as well as required Operator Training.

**Task 6.5 – Project Close-out**

We will provide the following Project Close-out activities:

- 1. As-Built Plans – The red-line plans which have been maintained during construction under Task 2 will be reviewed and confirmed prior to being drafted under the Services During Construction portion of the design contract.
- 2. Contract Records – a complete set of contract records will be cataloged and transmitted to the DISTRICT via flash drive for incorporation into DISTRICT records.

**SCHEDULE**

The work described in Exhibit A will be completed in coordination with the construction contractor’s schedule. This scope has been developed with the understanding that the overall construction schedule will be no longer than 320 working days with the varied level of effort needed described herein.

The CONSULTANT will exercise diligence in the performance of its services consistent with this schedule subject to the exercise of the generally accepted standard of care for performance of such services. Modifications to the schedule may be made to accommodate changing project demands so long as they are agreed to by both parties. CONSULTANT will modify the schedule to account for schedule delays due to influences outside the CONSULTANT’s control and report the modified schedule to the DISTRICT immediately.

**EXHIBIT B**

**Compensation is based on the following schedule of rates and fees**

EXHIBIT B

AMENDMENT NO. 3  
TO AGREEMENT BETWEEN PARADISE IRRIGATION DISTRICT  
AND WATER WORKS ENGINEERS  
REGARDING PLANNING AND DESIGN FOR RESERVOIR B



Prepared by: Sami Kader  
Date: 3/8/2023

Proposed Fee and Billing Rates for  
Construction Management Services for the  
Zone A Pump Station and Transmission Main Project

		Hours and Fee									
		Task 6.1		Task 6.2		Task 6.3		Task 6.4		Task 6.5	
		2023		2023.5		2023.5		2024		2024	
		Submittal Reviews		Construction Management		Daily Inspection		Coordination of Zone A PS Start-up and Commissioning		Project Close-out	
		hrs	fee	hrs	fee	hrs	fee	hrs	fee	hrs	fee
<b>Water Works Engineers</b>	<b>2023</b>										
<b>Classification</b>	<b>Title</b>	<b>Hours</b>	<b>Hourly Rate</b>								
AA	Administrative	64	\$81	64	\$5,261						
T1	Drafter	0	\$97								
T2	Designer	0	\$130								
T3	Senior Designer	0	\$158								
I1	Field Inspector	0	\$153								
I2	Senior Inspector	0	\$172								
I3	Supervising Inspector	0	\$191								
E1	Staff/Field Engineer	160	\$143			160	\$23,221				
E2	Associate Engineer	1066	\$175	86	\$15,050	900	\$159,845	40	\$7,210	40	\$7,210
E3	Project Engineer	0	\$197								
E4	Senior Project Engineer	64	\$228			40	\$9,256	24	\$5,636		
E5	Principal Engineer	128	\$264	8	\$2,112	120	\$32,152				
<b>Subconsultant - NorthStar</b>											
E1	Junior Engineer	300	\$125			300	\$38,058				
E2	Assistant Engineer	300	\$145			300	\$44,148				
E3	Associate Engineer	0	\$166								
E4	Senior Engineer	600	\$188			600	\$114,479				
E5	Senior Managing Engineer	80	\$210	8	\$1,705	72	\$15,345				
E6	Principal Engineer	0	\$230								
Expenses											
<b>Subconsultant - ArcSine Engineering</b>											
AA	Administrative	20	\$93	10	\$930	2	\$189	4	\$378	4	\$383
T1	Drafter	17	\$116			1	\$118				
T2	Engineering Technician	142	\$144	48	\$6,912	10	\$1,461	40	\$5,846	28	\$4,153
EE3	Electrical Engineer	38	\$181	12	\$2,172	6	\$1,102	4	\$735	12	\$2,237
EE4	Principal Electrical Engineer	5	\$240	4	\$960	1	\$244				
Expenses											
WWE Expenses											
Subconsultant/Expense Markup		10%	\$0			\$5,000	\$3,000	\$1,000			
						\$500	\$1,285	\$100			
Annual Increase for rates of		3%									
<b>Subtask Totals</b>		<b>168</b>	<b>\$28,136</b>	<b>1112</b>	<b>\$207,577</b>	<b>1520</b>	<b>\$265,600</b>	<b>108</b>	<b>\$20,719</b>	<b>108</b>	<b>\$17,448</b>

CM Total	
Hours	Fee
3016	\$539,480

Construction Management Cost Analysis

Construction Bid Amount	\$ 5,946,600
Pre-Purchase Materials Amount	\$ 930,000
Total Construction Amount	\$ 6,876,600
Construction Management % of Construction	7.8%

Subcontracting Summary

Company	Contract Amount	Contract %
Water Works Engineers	\$283,045	52.5%
NorthStar	\$222,736	41.3%
Arcsine Engineering	\$33,700	6.2%
<b>Totals</b>	<b>\$539,480</b>	<b>100.0%</b>



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**TO: Board of Directors**

**FROM: Colleen Boak, Water Works Engineers**

**DATE: March 8, 2023**

**RE: MISLR Project – Recommendation for Time Extension**  
**3/15/23 Board of Directors Regular Meeting**

## Executive Summary:

The Meter Installation and Service Lateral Phase 2 Project has experienced some extended timeframes related to weather, installation complexities, and increased backflow preventer installations. Since the MISLR project was originally bid, the Town of Paradise has also taken steps to implement and contract a large-scale paving project throughout Paradise. In order to stay ahead of this planned paving, beginning this spring, staff is recommending the Board approve the addition of service laterals to the existing contract with RCI to complete as many as possible to stay ahead of the paving project. Costs are estimated at \$2,500,000 and expected to be reimbursable.

## Background:

The Meter Installation and Service Lateral Phase 2 Project (or MISLR) was originally awarded by the District to RCI General Engineering in May of 2021 for a total original bid of \$15,776,725.00 with an authorization of an additional 10% (\$1,575,172.50) contingency funds to be exercised at the discretion of the District Manager. The project was scoped at 18 months duration with the following overall goals:

- 1,750 Service Lateral Replacements
- 4,500 Meter Installations
- 3,200 New backflow installations or reconfigurations of IWS devices

The project was expanded by 25% in scope in early 2022 as authorized by the Board, bringing the project total to \$20,637,829.60 with a contingency value of \$2,061,282.96 and extending the contract through the end of March 2023. In November 2022, responding to market conditions affected by the pandemic, global supply chain shortages, and inflated construction supply markets, the contingency on the project was increased to cover additional material, bringing the contingency total to \$4,776,282.96.

**Current Project Status:**

At this time, the project is currently in its 22<sup>nd</sup> month of work. The below table gives a summary of project progress broken out by scope category:

Category	Approximate Progress	Estimated Completion
Service Laterals	87% Complete	June 2023 (+3 months)
Meters	66% Complete	August 2023 (+5 months)
Backflows	85% Complete	August 2023 (+5 months)

**Project Schedule:**

The project has experienced significant weather delays in the last several months (December – March) contributing to a delay in overall completion. Additionally, installations of meters and backflows have proven out with a lower production rate than expected, in part due to site complexities as well as the higher-than-predicted uptake of District ownership of backflows. The project scope originally assumed 75% District ownership. Customer feedback over that time has proven out to be closer to 95% District ownership, requiring the installation or reconfiguration of more backflow devices than expected to meet customer requests. Overall the project has progressed reliably and RCI has continued to work collaboratively to meet the District and customer needs in the field. At this time, a time extension of 180 additional work days is necessary for the remainder of the project scope to be installed. Current estimates of average fair weather production put this completion at the end of August 2023.

**Paving Coordination:**

The MISLR project was originally developed and bid in 2021. At the time of project development, it was unknown that the Town of Paradise would begin significant paving efforts during the duration of this project. This effort by the Town, coupled with the additional time needed to complete the MISLR 2 scope have resulted in an overlap of project time frames. The current project scope only allows for an estimated quantity of service laterals which will likely meet the building permit need through August, but no further. In an effort to bridge the time gap between the start of paving and the end of the MISLR 2 project, additional service lateral quantities will aid in PID’s ability to stay in front of the Town’s construction project with service lateral replacements on roads planned for paving this year. Staff’s goal is to replace all possible service laterals in advance to avoid disturbance of newly paved roads.

While the vast majority of remaining service lateral replacements will be captured in the MISLR Phase 3 project which is scheduled for advertisement this month, the Town’s paving schedule has forced the need for a set of priority service lateral replacements to take place quickly on a list of roads planned for paving this spring and summer.

For this reason, staff is seeking authorization to add up to 400 additional service laterals to the current MISLR 2 Project scope. Adding these service laterals will allow RCI to address as many priority service lateral replacements as possible in a timely manner and as soon as weather allows.

Costs associated with the addition of these service laterals and the proposed second amendment to the construction contract with RCI General Engineering are estimated not to exceed \$2,500,000.00, with a proportional 10% contingency of \$250,000.00 recommended to be used only as needed.

Staff has worked with APTIM to ensure that the additional scope and cost, as well as the time extension, are eligible costs for reimbursement.

The following motion is recommended by staff:

*"I move approval to authorize staff to execute a second amendment with RCI General Engineering for the addition of up to 400 service lateral replacements including a time extension of 180 calendar days, additional project cost up to \$2,500,000.00, and 10% contingency value of \$250,000 to be executed at the discretion of the District Manager or his representative."*



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

**TO: Board of Directors**

**FROM: Colleen Boak, Water Works Engineer**

**DATE: March 8, 2023**

**RE: Meter Replacement – Recommendation for Amendment 2 to contract with Zenner USA**

**3/15/23 Board of Directors Regular Meeting**

PID's efforts to bring metered service back to the District are supported by a contract with Zenner USA for provision of equipment and related professional services. The original contract with Zenner USA was advertised in July of 2020 and awarded by the Board in September 2020 for a total not to exceed value of \$1,318,597.15.

In July of 2022, a first amendment to Zenner's contract was approved by the Board for expansion of the number of meters by 25% to match the expansion of the installation contract with RCI. The project expansion was in response to demand for service which exceeded expectations. This first amendment added a not-to-exceed value of \$321,612.41, with additional contingency of \$32,161. Through the end of February 2023, 3,669 meters have been provided by Zenner and installed by RCI. In early 2022, PID staff also began installation of meters for Metered Interim Water Service orders and have installed an estimated 450 meters this year.

At this time, Zenner is scheduled to deliver the remaining 960 ¾" meters (the most commonly installed size) already purchased by PID in the coming 4-6 weeks. Looking ahead, staff and the project team have determined that additional ¾" meters are needed to support the remainder of the MISLR Phase 2 project completion, estimated to conclude in late summer.

Zenner USA has provided the attached quotation for an additional five hundred (500) ¾" meters and associated components to support the project. These materials represent a cost of \$126,245.29. At this time, no additional contingency is recommended.

The following motion is recommended by staff:

*"I move approval to authorize staff to execute a second amendment with Zenner USA for the purchase of additional meters and associated components for a not-to-exceed cost of \$126,245.29."*



**Quote**

ZENNER USA, INC  
 P.O. BOX 895  
 Banning, CA 92220  
 (951) 849-8822

**Order Number:** 0065313  
**Order Date:** 3/6/2023



**Salesperson:** RJG  
**Customer Number** 0002338

**Sold To:**  
 Paradise Irrigation District  
 6332 Clark Road  
 Paradise, CA 95969

**Ship To:**  
 Paradise Irrigation District  
 6344 Clark Road  
 Paradise, CA 95969

**Confirm To:**  
 Francisco Maciel

**Project:**  
 Case#

<b>Customer P.O.</b> PENDING	<b>Ship VIA</b> BEST WAY	<b>F.O.B.</b> BANNING, CA	<b>Terms</b> NET 30	<b>Expected Ship Date</b> 5/31/2023
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Item Code	Unit	Ordered	Shipped	Back Order	Price	Amount
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ZMF03CF-EBBB-NIC	EACH	500.00	0.00	0.00	136.33	68,165.00
3/4"SL Residential Fire Servc Meter, CF, ETRU (ENCODED MODE), Brass Shroud & Lid, Brass Bottom Plate, Nicor Connector (Male) CA-1284-050-2-22A, Program WHEELS=6						

SN:

ST3NC	EACH	500.00	0.00	0.00	93.50	46,750.00
MIU WM3, Stealth Reader, Water, with Inline Nicor type connector, Programmed for Mesh (174043)						

SN:

\*\*\*SPECIAL NOTE: ALL MIUs SHIPPING TO PARADISE IRRIGATION MUST BE 100% INSPECTED. CHECK FOR BENT PINS\*\*\*

S-LID/LOCK-LONG-EXT	EACH	500.00	0.00	0.00	4.50	2,250.00
Stealth Lid & Lock Long (141612) w/ Extension (Riser Plate 141606), Lock Nut (141605)						

Net Order:	117,165.00
Less Discount:	0.00
Freight:	0.00
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# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

DATE: February 27, 2023  
TO: Board of Directors  
FROM: Tom Lando, District Manager  
Subject: Water Rights Permit – Recommended Studies  
03/15/23 Board of Directors Meeting

## Recommendation:

Approve an allocation of \$1.1 million to complete the necessary studies to apply for a Water Rights Permit and authorize the District Manager to enter into the necessary contracts and contract amendments to accomplish this.

## Background:

Paradise Irrigation District has the oldest Water Rights license in the State dating back to 1916. The State can change or revoke this license at any point it chooses. The District Board has started several times to convert the license to a permit which secures our water rights but for various reasons, (the most recent being the Camp Fire), this work has never been completed.

Some time ago, the District entered into a contract with DeNovo Environmental to complete the necessary Environmental Impact Report (EIR) to be able to have our application package complete. DeNovo subsequently entered into a subcontract with Stillwater Sciences to perform the biological studies necessary for this EIR. The Board reauthorized these agreements last year with funds previously allocated. The agreement with DeNovo stated their work under phase one was simply to determine what studies would be required and at what cost. The attached excel spreadsheet outlines the necessary studies and costs. In addition, based upon the recommended studies, DeNovo will need approximately \$200,000 to complete their work.

The allocation I have asked for should be an outside amount as a number of these studies as shown on the spreadsheet probably will not be required. The authority is requested because all the studies are time sensitive and need to be done starting in late March/early April.

Study	Prior Study?	2011 Key Findings	2011 Conclusions & Project Description Discussion Points	2011 Survey Notes / Recommendations	Likelihood of 2023 study			Ballpark Cost	Rationale for 2023 study
					Low	Mod	High		
Reservoir Fish	Y	<ul style="list-style-type: none"> <li>Reservoir fish populations were sampled in Magalia and Paradise reservoirs using gill nets and beach seines.</li> <li>Paradise Reservoir is a predominately (99%) non-native fishery (redeer sunfish, green sunfish, largemouth bass) with very few natives (rainbow trout, n=2 of 208), although records indicate high numbers of rainbow trout are stocked annually.</li> <li>Magalia Reservoir is also predominantly non-natives (n=29) composed of redear sunfish, largemouth bass, carp, and green sunfish. Natives (n=5) include rainbow trout and Sacramento sucker.</li> <li>Both reservoirs have natural reproduction of bass and sunfish occurring.</li> <li>Water temperatures in both reservoirs provide suitable habitat for non-native warm-water species (e.g., sunfish and bass) and native transitional zone species (i.e., hardhead, pikeminnow, sucker assemblage).</li> <li>Stratification in Paradise Reservoir at depths &gt;35 feet also provides habitat for rainbow trout.</li> </ul>	<ul style="list-style-type: none"> <li>Although native rainbow trout populations exist in the Little Butte Creek drainage, reservoir populations are expected to be of hatchery origin due to the annual stocking program in Paradise Reservoir.</li> <li>Given the proposed changes in Project operations could include raising the water level of Paradise Reservoir, but not increase water surface elevation fluctuation [confirm], the proposed project would not likely adversely affect habitat conditions in Paradise Reservoir for warm-water fishes or rainbow trout.</li> <li>The proposed Project has the potential to decrease water temperatures within Magalia Reservoir during the summer months by increasing the water-level elevation in the reservoir, which may provide cooler-water habitat in deeper sections of the reservoir, and by increasing flow through the reservoir by moving the primary point of diversion back to Magalia Dam. The cooler water would provide additional trout habitat, but is not expected to reduce warm-water fish habitat, as there would still be abundant shallow margin habitat, which would be a benefit to the fish population.</li> </ul>	<p><u>Remaining Project Description Questions</u></p> <ul style="list-style-type: none"> <li>Is the diversion coming out? If so, there is a potential fish passage improvement for rainbow trout and suckers.</li> <li>Any idea of the magnitude of daily/weekly water elevation fluctuation in Magalia Reservoir during the spring/summer months? Daily/weekly water surface level fluctuations in Magalia Reservoir may reduce bass and sunfish spawning success depending on the timing and extent of surface level fluctuations. Note: slow changes as the normal trend would not negatively affect spawning and these non-native game species are in an area closed to the public, so any impact would be viewed as a benefit for other native species like amphibians and trout.</li> </ul>	x		\$ 45,000	<p>Not recommending (push back):</p> <ul style="list-style-type: none"> <li>Paradise Reservoir supports a stocked and self-sustaining non-native fishery. The Magalia Reservoir rainbow trout population is likely a remnant of stocked fish from Paradise Reservoir.</li> <li>There is no angling in Paradise Dam Reach or in Magalia Reservoir.</li> <li>The proposed project would not affect or would enhance habitat for both native and non-native fish in both reservoirs.</li> </ul>	
Stream Fish (Paradise Dam Reach)	Y	<ul style="list-style-type: none"> <li>Stream fish populations were assessed in the Paradise Dam Reach using backpack electrofishing at two locations.</li> <li>Fishes observed were primarily rainbow trout with only a few brown trout and green sunfish.</li> <li>Rainbow trout show signs of successful reproduction, and overall, the population appears in good condition and above average density and biomass levels compared to other Sierra streams.</li> </ul>	<ul style="list-style-type: none"> <li>Current Project operations benefit rainbow trout below Paradise Dam; the higher flow and cold water releases from Paradise Dam during summer months are closer to the levels that maximize trout habitat in the reach (see the instream flow results), and the proposed project would/may (?) enhance habitat for rainbow trout by improving access for rainbow trout in Magalia Reservoir to spawning habitat.</li> </ul>	<p><u>Remaining Project Description Questions</u></p> <ul style="list-style-type: none"> <li>Is the diversion coming out? If so, there is a potential fish passage improvement for rainbow trout and suckers coming up from Magalia Reservoir.</li> </ul>		x	\$ 55,000	<p>Would not start as a recommendation, but decent chance we will need to repeat this effort:</p> <ul style="list-style-type: none"> <li>Composition may have been altered by post-fire conditions.</li> </ul>	
BMI	N	n/a	n/a	n/a		x	\$ 55,000	<p>Not recommending: Often required by the SWRCD for CEQA or a 401. Unclear what the data would be used for.</p>	
Amphibian & Aquatic Reptiles	Y	<ul style="list-style-type: none"> <li>Surveyed for special-status species (foothill yellow-legged frog [FYLF], red-legged frog, and pond turtle [name has changed a couple times]) in stream reaches.</li> <li>Surveyed 3.8 miles of stream habitat plus the reservoir perimeters.</li> <li><u>Foothill Yellow-Legged frog</u></li> <li>FYLF breeding was documented at four locations downstream of Middle Butte Creek.</li> <li>Bullfrogs throughout. Uncertain of conditions after fires.</li> <li><u>Red-Legged Frog</u></li> <li>No observations or occurrence records of red-legged frogs within a 10-mile radius of the Project Area.</li> <li><u>Western Pond Turtle</u></li> <li>No pond turtles were observed.</li> <li>Areas of potentially suitable habitat were found along the shoreline of both reservoirs.</li> <li>There is still potential that the species is present within the Project area because of the presence of suitable habitat and observations of unidentified species of turtles within the Magalia Dam Reach. If present, pond turtles are expected to occur in relatively small numbers, because of the lack of observations in otherwise suitable habitat during appropriate time of day, year, and weather conditions for the species.</li> </ul>	<p><u>Paradise Dam Reach</u></p> <ul style="list-style-type: none"> <li>Water temperatures in the Paradise Dam Reach are likely too cold to support FYLF breeding.</li> <li>Raising Paradise Dam could further lower water temperatures; however, there is not a population in the reach that would be affected.</li> </ul> <p><u>Magalia Dam Reach</u></p> <ul style="list-style-type: none"> <li>The combination of reduced flow through Magalia Reservoir and shallow water conditions has resulted in higher water temperatures within the impoundment area during summer months.</li> <li>The proposed Project has the potential to decrease water temperatures within Magalia Reservoir by: (1) increasing the water level in the reservoir, resulting in cooler water in deeper sections of the reservoir near the release structure due to thermal stratification; and (2) moving the primary point of diversion back to Magalia Dam, resulting in increased flow of cooler water temperatures through the reservoir, with substantially less residence time during the summer months.</li> <li>Cooler water released from Magalia Dam could adversely affect FYLF breeding success in Little Butte Creek downstream of the dam; cooler water temperatures may delay the initiation of FYLF breeding, and may also limit the amount of time larvae have during the summer to successfully complete metamorphosis by fall. However, FYLF were only observed downstream of the Middle Butte Creek confluence in 2011, and although water temperatures may start higher due to the low water levels and reduced flow through Magalia Reservoir, water temperature is regulated by tributaries and ambient temperatures below Middle Butte Creek.</li> </ul>	<ul style="list-style-type: none"> <li>Remaining question for the study is whether the proposed project would increase/decrease water level fluctuations in the reservoirs. This question would not require surveys.</li> <li>Water temperature decrease below Magalia Dam not likely to adversely effect FYLF breeding. Water temperatures in the Paradise Dam Reach are not expected to have changed substantively following the fire due to the cold water coming from the dam and higher volume of water in the reach.</li> <li>There were no anticipated effects of red-legged frog or western pond turtle from the project.</li> </ul>		x	\$ 90,500	<p>Recommending:</p> <ul style="list-style-type: none"> <li>Changes to Project operations, as a result of the Proposed Project, may affect special-status amphibians and aquatic reptiles along Little Butte Creek. The 2011 surveys are now considered outdated (&gt;10 years old).</li> <li>One possible cost savings would include replacement of some surveys with eDNA sampling, which would save ~\$25k. This, however, would not allow PID to claim "absence" of species, and additional surveys would be required for construction, even if within the next 10 years.</li> <li>The Camp Fire may have resulted in warming effect (loss of riparian canopy), which may have improved conditions for FYLF and pond turtles downstream of Magalia Dam.</li> <li>Maybe shrink the survey area so we don't go as far downstream?</li> <li><u>Consultation Item:</u> <ul style="list-style-type: none"> <li>FYLF are in the listed clade (Fed proposed and CA Threatened)</li> <li>can we do surveys to claim absence? e.g., 1-2 surveys + eDNA versus 3 surveys.</li> </ul> </li> </ul>	
Special-status wildlife	N	n/a	n/a	n/a		x	\$ 45,000	<p>Not recommending:</p> <ul style="list-style-type: none"> <li>Operations is unlikely to affect terrestrial habitats. CDFW may have an interest in bald eagles at Paradise Reservoir. Construction effects assumed covered under separate construction permits.</li> <li>If pushed, we would recommend a habitat assessment versus individual species surveys, then just assume presence in all suitable habitat.</li> <li>Assumes terrestrial surveys would be pre-construction only (SS Wildlife and Plants).</li> </ul>	

Study	Prior Study?	2011 Key Findings	2011 Conclusions & Project Description Discussion Points	2011 Survey Notes / Recommendations	Likelihood of 2023 study			Ballpark Cost	Rationale for 2023 study
					Low	Mod	High		
Stream Habitat	Y	<ul style="list-style-type: none"> <li>Habitat mapping was used to: 1) characterize the two stream reaches, 2) establish appropriate and representative study sites, and 3) extrapolate data from the PHABSIM modeling to evaluate the relationship between flow and habitat quantity/ quality throughout each reach.</li> <li>The study also included an assessment of the quantity and quality of steelhead spawning habitat in the Magalia Dam Reach and an assessment of passage barriers within the reach.</li> <li>The entire reach between Magalia Reservoir and Paradise Dam was mapped.</li> <li>Between Magalia Dam and the confluence of Butte Creek, 7.16 miles of the 10-mile reach were mapped; two sections of the reach were not mapped due to access and safety concerns, including a 1.38 mile section between river miles 3.40 and 4.78 where access was not permitted by the landowner, and a 1.41 mile section between river miles 7.28 and 8.69 where a series of waterfalls, cascades, and steep canyon terrain prevented safe access.</li> <li>Stream gradient in the lower section of Magalia Dam Reach averaged approximately 2% over the 6-mile segment, while in the upper section averaged just over 6%. Comparatively, Paradise Dam Reach stream gradient was fairly low at ~2%.</li> <li>The first potential upstream migration barrier in Magalia Dam Reach is at RM 6.6 (0.6 miles upstream of Middle Butte Creek), and the first permanent migration barrier is at RM 7.28 (1.3 miles upstream of Middle Butte Creek), which is considered the upstream-most point of anadromy for this stream. A longitudinal profile of streambed elevations shows an increase in stream gradient at approximate RM 7.5 with a consistent high gradient slope up to Magalia Dam, reflecting additional barriers upstream</li> </ul>	<ul style="list-style-type: none"> <li>Middle Butte Creek is likely the main source of gravel recruitment within the study reach.</li> <li>The limited steelhead spawning gravel upstream of Middle Butte Creek likely has little impact on steelhead reproduction in this reach due to the upstream fish migration barriers and steep gradient located only 0.6 miles upstream of the confluence with Middle Butte Creek.</li> </ul>	<ul style="list-style-type: none"> <li>There were numerous summertime rock weirs constructed behind houses along Magalia Dam Reach for pumping water from the creek. These rock weirs could be impassable during low-flow periods for upstream and downstream migration.</li> </ul>	x	\$ 50,500	<p>Not recommending, but moderate chance to repeat the stream habitat surveys:</p> <p><u>Stream Habitat</u></p> <ul style="list-style-type: none"> <li>DFW could ask for the habitat mapping component to be repeated (smaller effort than the full instream flow study) for comparison to the 2011 survey conditions. Focus would likely be on post-fire sediment deposits and Large Woody Material in the streams and whether that has altered channel conditions (i.e., potentially triggering a repeat of the instream flow study [We would push back hard on that. see below]).</li> </ul> <p><u>Spawning Gravel</u></p> <ul style="list-style-type: none"> <li>Not recommended as a stand-alone effort. The majority of the spawning habitat was downstream of the Middle Butte Confluence, 4 miles downstream of Magalia Dam. The 3 mi immediately downstream of the dam are inaccessible by steelhead and the gradient is &gt;5%. There was a 1.3 mile section of stream that was skipped due to landowner access limitations that could provide more detail, but it is unlikely that sentiment for environmental surveys would have changed in the past 10 years.</li> </ul>		
Instream Flow	Y	<ul style="list-style-type: none"> <li>This study assessed the habitat/flow relationships in Little Butte Creek for resident salmonid species (rainbow trout) downstream of Paradise Dam and resident and anadromous salmonid species (rainbow trout and steelhead) downstream of Magalia Dam.</li> <li>Study sites were selected with CDFW: 1 site was selected below Paradise Dam to include the Paradise Dam Reach, and 2 sites were selected downstream of Magalia Dam to include the 3.9 miles of stream between the dam and the confluence of Middle Butte Creek. The first study site in Magalia Dam Reach was established immediately downstream of Magalia Dam and the second study site was established above the confluence with Middle Butte Creek. No model results were included for Little Butte Creek downstream of the confluence with Middle Butte Creek due to substantial accretion from tributary sources that are not controlled by project releases.</li> <li>Habitat simulations ranged from 1–25 cfs.</li> <li>Weighted usable area (WUA) was similar for both reaches and all species and life stages represented, with the exception of trout fry; each curve shows increasing habitat as a function of flow over the range of simulation flows. The curves show a generally steeper increase through approximately 10 cfs, with a more gradual increase at higher flows.</li> <li>WUA results indicate the range of depth and velocity do not diminish habitat over the range of simulated flows. This is indicative of a shallow, slow stream and may imply that the in-channel carrying capacity, in terms of fish habitat, is higher than the current and simulated conditions.</li> </ul>	<ul style="list-style-type: none"> <li>PHABSIM results indicate that the maximum WUA for fry occurs at approximately 3 cfs in both the Paradise and Magalia reaches. For the other life stages, the results show that 80% of maximum WUA occurs between approximately 7-15 cfs in the Paradise study reach, and between approximately 9-13 cfs in the Magalia study reach.</li> <li>An evaluation of historic hydrologic conditions shows that the monthly estimates of unimpaired runoff at Magalia Dam can vary considerably (Bonsignore 2011). Average daily unimpaired runoff during the summer and early fall months (June–October) ranges from 0 to 6 cfs (and averages 3.4 cfs), with the driest conditions occurring in August–October. Conversely, the wettest months (December–April) show conditions where the daily average flow is an order of magnitude higher (with maximum average daily flows of 18–70 cfs, and a maximum daily flow of 246 cfs).</li> </ul>	<ul style="list-style-type: none"> <li>2011 study included an assessment of project operations on stream temp and steelhead temp requirements.</li> <li>It is likely that CDFG/SWRCB will require higher releases above 0.5 cfs below Magalia Dam.</li> <li>Raising the water surface elevation of Magalia Reservoir and moving the diversion point back to Magalia Dam will likely decrease water temperatures in the reach downstream of Magalia Dam, which would benefit steelhead (Federally Threatened), but may cause an adverse affect to FYLF (CA spp of concern). Higher flows may also decrease water temperatures upstream of Middle Butte Creek.</li> </ul> <p><u>Remaining Project Description Questions</u></p> <ul style="list-style-type: none"> <li>What is the capacity of the release pipe from the Paradise Reach diversion?</li> <li>Can that valve be modified to increase releases if necessary?</li> <li>What is the controllability of the releases from Magalia Dam and are there more than one valve at the dam?</li> </ul>	x	\$ 55,000	<p>Not recommending PHABSIM; could get pushed into Ca Environ Flow Framework [CEFF].</p> <p><u>PHABSIM</u> (Physical Habitat SIMulation)</p> <ul style="list-style-type: none"> <li>We would argue that the modeling results are still relevant and the underlying channels were not affected by the Camp Fire. The channels may have received sediments that altered habitats; however, smaller/fine-grained sediments are expected to flush out over time, resulting in a stream channel similar to the one that was studied. PHABSIM is \$150k+. Any effort to look at sediment deposition/scouring should be a separate study focused on those issues.</li> <li>CEFF (CA Environmental Flows Framework)</li> <li>DFW/SWRCB May want to rely more heavily on the natural hydrograph for summer releases and discuss the historical flow in summer months relative to anadromous fishes. This may also trigger CDFW to request an alternate approach (i.e., CEFF instead of PHABSIM), which is the direction the state is currently going.</li> <li>EFF is less expensive (mostly desktop based on existing hydrology data), but includes more consultation in the development of new stream flow release schedules.</li> <li>Maybe push FFF (functional flows framework) instead of CEFF, if CDFW wants this?</li> </ul>		

Study	Prior Study?	2011 Key Findings	2011 Conclusions & Project Description Discussion Points	2011 Survey Notes / Recommendations	Likelihood of 2023 study			Ballpark Cost	Rationale for 2023 study
					Low	Mod	High		
<b>Water Temperature</b>	Y	<ul style="list-style-type: none"> <li>Temperature loggers were deployed at seven locations from June–November to evaluate the effects of releases on water temperatures in stream reaches.</li> <li>Average daily stream temperatures directly below Magalia Dam jumped between 10 °C &amp; 20 °C depending on the release valve (max daily temperatures ~3 °C higher); temperature shifts occur over a short timeframe and generally raise or drop 10 °C in a one to two day period.</li> <li>Average daily stream temperatures upstream of Middle Butte Creek ranged from ~16 °C to 20 °C while daily maximum temperatures were only slightly higher ranging from 18 °C to 21 °C.</li> <li>Stream temperatures below Middle Butte Creek were lower with average daily temperatures ranging from 15 °C to 18 °C (max daily temperatures ranged from 16 °C to 19 °C) (i.e., Middle Butte cools Little Butte).</li> <li>Above the confluence with Butte Creek, stream temperatures in Little Butte Creek had average daily temperatures ranging from 18 °C to 21 °C (max daily temperatures ranged from 20 °C to 23 °C).</li> </ul>	<ul style="list-style-type: none"> <li>Project flow releases showed a great influence on stream temperature immediately downstream of Magalia Dam, but little, if any, influence at sites 4+ miles downstream; stream temperatures at Middle Butte Creek and downstream were more influenced by air temperatures and accretion than releases from Magalia Dam, even with a 10°C jump on some days (Note, 2011 was a wet year).</li> <li>The maximum daily water temperatures in the Magalia Dam Reach remained below lethal limits for juvenile rearing steelhead at all sites, with the highest maximum temperature observed being slightly below 24 °C. Current releases showed no effect on stream temperatures for steelhead.</li> <li>Juvenile rearing steelhead may be experiencing some level of stress in Little Butte Creek during the summer months as water temperatures reached levels near the upper limit of suitable temperatures during the summer months (incubation and smolt outmigration occur outside of the summer months when air temperatures are generally low resulting in suitable stream temperatures).</li> <li><u>Potential Mitigation Measures</u></li> <li>Increases in instream flow releases from Magalia Dam could decrease stream temperatures upstream of Middle Butte Creek, depending on the Project alternative selected; a greater volume of colder water would have a larger influence compared to downstream tributary inputs and will take more time for ambient temperatures to have an effect.</li> <li>If the diversion point is not moved back to Magalia Dam, releases from Magalia Dam should come from the diversion pipe, which pulls from colder waters located upstream of Magalia Reservoir (until or if the diversion point is changed back to the dam itself).</li> </ul>	<ul style="list-style-type: none"> <li>Because the unimpaired hydrograph (Bonsignore 2011) includes several months during dry years where stream flow is immeasurable (assumed zero), ambient air temperatures would have an increased effect on stream temperatures. It is unlikely that flows or water temperatures in Little Butte Creek would have supported steelhead during dry years.</li> <li>The proposed project is expected to enhance habitat for steelhead by reducing WTs; the combination of a deeper impoundment and increased flow through the impoundment is expected to decrease water temperatures within the impoundment. As a result, cooler releases could potentially contribute toward lower stream temperatures downstream of Magalia Dam, which would benefit steelhead in drier years, but which would also adversely affect FYLF (CA spp of concern).</li> </ul>			x	\$ 30,000	Recommending: <ul style="list-style-type: none"> <li>The Camp fire may have altered riparian canopy along the stream, which could increase water temperatures in the Paradise and Magalia dam reaches.</li> <li>2011 water temperature levels were near the upper suitable limits for steelhead in portions of the Magalia Dam Reach; however, temperatures immediately upstream and downstream of Middle Butte Creek maintained average daily temperatures below 20 °C and the average daily temperature immediately downstream of Middle Butte Creek never exceeded 18 °C, which is cooler than water near Magalia Dam.</li> <li>The 2011 study showed that the effects of the releases from Magalia Dam attenuate as the water moves downstream due to accretion flows and equilibration with ambient air temperatures, and there is little or no “signature” of the warmer release by the time the water reaches the anadromous reach near Middle Butte Creek.</li> <li>However, if the reach was badly burned and still recovering, the loss of shade along the stream reaches may affect the ambient temperatures, and could raise water temperatures lower in the reach. Paradise Dam reach not likely a concern given the cold water releases and higher flows (even with potential loss of conifer riparian cover). Magalia Dam Reach was dominant alder/willow riparian habitat, which can rebound quickly after high flows/fire.</li> </ul>
<b>hydrology</b>	Y	Received from Bonsignore in 2011.	see notes above.	<ul style="list-style-type: none"> <li>Project operations and streamflows were described in 2012.</li> </ul>			x	\$ 25,000	Recommending: <ul style="list-style-type: none"> <li>Hydrology and a description of project operations (e.g., diversions) will need to be updated to describe current conditions.</li> </ul>
<b>Channel Sedimentation and Transport</b>	N	n/a	n/a	n/a			x	\$ 150,000	Back Pocket: <ul style="list-style-type: none"> <li>The Camp Fire may have resulted in sediment deposition in the project-affected reaches. The connection to the project is the reduced flushing flows. We may need to look at sediment deposition and potential flushing flows to remobilize the sediment.</li> <li>Related to reservoir sedimentation (see Bathymetry below).</li> </ul>
<b>Reservoir Bathymetry</b>	N	n/a	n/a	n/a			x	\$ 75,000	Not recommending <ul style="list-style-type: none"> <li>BID may be interested in sedimentation levels following the fire and potential impacts to storage capacity of the 2 reservoirs.</li> <li><b>Do we need to look at sedimentation rates in the reservoirs for the EIR?</b></li> </ul>
<b>Vegetation</b>	N	n/a	n/a	n/a			x	\$ 100,000	Not recommending (See Terrestrial, above): <ul style="list-style-type: none"> <li>We were able to punt on the vegetation surveys last time. We will try to do the same.</li> </ul>
					\$ 275,000	\$ 300,500	\$ 200,500	ok	



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · www.pidwater.com

DATE: March 9, 2023  
TO: PID Board of Directors  
FROM: Georgeanna Borrayo, Board Secretary  
RE: Butte LAFCO – Election of a Special District Regular “Enterprise” Member  
03/15/2023 Board of Directors Meeting

Butte Local Agency Formation Commission (LAFCO) is holding an election for a Special District Regular “Enterprise” Member. The following is a memo from LAFCO outlining the election process, including an Election Ballot.

Four (4) nominations for the Special District Regular “Enterprise” Member vacancy are listed on the ballot. Each Butte County Special District may vote for one (1) nominee.

The following form of motion is recommended:

“I move to nominate Bob Matthews for the Special District Regular “Enterprise” Member seat and authorize certification and submittal of the 2023 Election Ballot to Butte LAFCO.”



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## BUTTE LOCAL AGENCY FORMATION COMMISSION

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1453 Downer Street, Suite C • Oroville, California 95965-4950  
(530)538-7784 • Fax (530)538-2847 • [www.buttelafco.org](http://www.buttelafco.org)

TO: Butte County Special Districts  
Butte County Special District Association

FROM: Krystal Bradford, Commission Clerk

**SUBJECT: Election of a Special District *Regular* “Enterprise” Member**

DATE: March 7, 2023

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### Nominations Requested

On January 24, 2023, the Butte Local Agency Formation Commission called for nominations for:

- One (1) Special District ***Regular* “Enterprise”** Member. The term for this seat is four years and will begin June 1, 2023 and expire May 31, 2027; and

### Nominations Received

The nomination period closed on Friday, March 3, 2023. Valid nominations received are as follows:

For the ***Regular* “Enterprise”** Member:

- **Bob Matthews** – Paradise Irrigation District
- **Ruth Duncan** – South Feather Water and Power Agency
- **Bruce Wristen** – Thermalito Water and Sewer District
- **Scott “Kent” Fowler** – Feather River Recreation and Park District

**Instructions:**

1. Votes shall be made by official action of the Districts' Board of Directors.
2. Ballots shall be certified by the signature of the Chair, or an alternate District Board Member chosen by the Districts' Board for the purpose of signing the attached ballot AND counter-signed by the Districts' General Manager/Secretary of Board.
3. Ballots shall be returned no later than **4:00 p.m. on Friday, May 5, 2023**. Ballots postmarked after the closing date will not be accepted.
4. Districts may submit their ballots one of the following ways:

<b>Hand Delivered</b>	<b>Electronic Mail</b>	<b>Certified Mail</b>
Stephen Lucas Executive Officer Butte LAFCO 1453 Downer Street, Suite C Oroville, CA 95965	<a href="mailto:slucas@buttecounty.net">slucas@buttecounty.net</a>	Stephen Lucas Executive Officer Butte LAFCO 1453 Downer Street, Suite C Oroville, CA 95965

5. District ballots returned by electronic mail shall be scanned copies of the original signed certified ballot.
6. If you do not have a District Board meeting scheduled within this time frame, a special meeting shall be scheduled in order to submit a valid ballot.

**In order for the election to be valid, a quorum (21) of districts must complete and return their ballots. Otherwise, the process will repeat until such time we receive ballots from a majority of the districts.** This is an important ballot, as your Special District LAFCO Commissioner will be making decisions on budget issues, policies and projects that may have a direct impact on your district. Please participate in this election and submit your vote.

Should you have any questions, please feel free to me.

Enclosed: Ballot





## PARADISE IRRIGATION DISTRICT

"Paradise Irrigation District (PID) is dedicated to the business of producing and delivering a safe, dependable supply of quality water in an efficient, cost effective manner with service that meets or exceeds the expectation of our customers."

DATE: March 15, 2023  
TO: PID Board of Directors  
FROM: Tom Lando, District Manager  
RE: Set Cost for Meter and Service Lateral reconnects

The Board is being asked to consider setting May 1, 2023 as the deadline to reconnect for zero meter and service lateral reconnection fee and creating a fixed fee of \$2,000.00 for reconNECTIONS occurring on or after the May 1, 2023 deadline. The meter installation costs are unplanned expenses to some recent new owners who received \$30.00 meter reconnect estimates during their escrow process.

Proposed policy change:

### 7.7.3 Discontinued Service –

Property-Beginning May 1, 2023, property owners who previously discontinued service, will be responsible for ~~the \$2,000.00 of the~~ cost of LEMO (Labor, Equipment, Materials, and Overhead) for the meter, backflow prevention device, meter remote meter reading appurtenances, and installation of a new service line from the District Main to the property line, due at the time that water service installation is requested at the property. As of May 1, 2023, property owners will be responsible for paying the capacity fee, less a credit of \$4,376 per equivalent ¾" meter (see 'capacity fee credits' chart, below) at the time of reestablishing a ready-to-serve or active account. Situations in which a service line may need to be replaced include, but are not limited to:

- A. If leak occurs on the Service Line to a property with Discontinued Service, the line will not be replaced, but turned off at the District Main.
- B. If the District is replacing a mainline that serves a property with Discontinued Service, the Service Line will not be replaced.

Motion Language: "I move to approve the proposed policy changes to the Paradise Irrigation district Policy and Procedures Manual, Chapter 7 – Water Rates, Operating Fees and Billing Procedures."

**SECOND AMENDMENT TO EMPLOYMENT AGREEMENT**

This Amendment is made to the Employment Agreement dated February 16, 2022, between the PARADISE IRRIGATION DISTRICT ("District") and BRETT GOODLIN ("Employee") on this 18th day of March, 2023.

**RECITALS**

WHEREAS, District and Employee entered into an Employment Agreement dated February 16, 2022; and

WHEREAS, the District and Employee agreed to amend that Employment Agreement as set forth in the First Amendment to Employment Agreement; and

WHEREAS, Employee wishes to continue serving as Finance and Accounting Manager, and District wishes to retain Employee in that capacity.

NOW THEREFORE, District and Employee hereby agree to amend the above-referenced Employment Agreement as follows:

Effective upon approval by the Board of Directors, paragraph 4 of the employment agreement shall be amended to read:

- 4. SALARY. Effective March 18, 2023, District agrees to pay Employee \$110,000.00 per year for his services, payable in installments at the same time as other employees of the District are paid and subject to customary withholdings.

All other provisions of the Employment Agreement dated February 16, 2022, shall remain in full force and effect as therein written.

IN WITNESS WHEREOF, the District has caused this Second Amendment to Employment Agreement to be signed and executed in its behalf by its President and duly attested. The Employee has also executed this Amendment.

\_\_\_\_\_  
Brett Goodlin

Paradise Irrigation District

\_\_\_\_\_  
Shelby Boston, President

ATTEST: \_\_\_\_\_  
Georgeanna Borrayo, District Secretary