



Paradise Irrigation District

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

NOTICE ADDENDUM TO AGENDA

**REGULAR MEETING
PARADISE IRRIGATION DISTRICT
BOARD OF DIRECTORS
6332 CLARK ROAD, PARADISE, CA 95969**

WEDNESDAY, DECEMBER 20, 2023 – 8:30 A.M.

Friday, December 20, 2023

ADDING TO AGENDA BY ADDENDUM

New Business Item 9.h:

- 9.h. Director Vacancy, Division 4: Provide direction in reference to filling the Division 4 Director vacancy following the resignation of Marc Sulik effective December 14, 2023 and consider setting a special meeting date to interview potential candidates for appointment to the vacancy. *Action may be taken.*

The revised meeting agenda is attached.

APPROVED:

Georgeanna Borrayo

Georgeanna Borrayo
Board Secretary

Enc.



Paradise Irrigation District

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AGENDA

REGULAR MEETING PARADISE IRRIGATION DISTRICT BOARD OF DIRECTORS PID BOARD ROOM

6332 CLARK ROAD, PARADISE, CA 95969

WEDNESDAY, DECEMBER 20, 2023 – 8:30 AM

- ❖ *The Board of Directors is committed to making its meetings accessible to all citizens. Any person 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 or telephone (530) 876-2039 prior to 8:00 a.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. **ELECTION AND APPOINTMENT OF OFFICERS FOR 2024.**

- a. Election:
 1. President
 2. Vice President
- b. Appointment:
 1. Treasurer
 2. Secretary

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

(A roll call vote will be taken one time for the Consent Calendar)

- a. Approval of Meeting Agenda Order
- b. Approval of Minutes – Regular Meeting of November 15, 2023
- c. Approval to Adopt **Resolution No. 2023-15** – Amendment to Appendix of Designated Positions under PID's Conflict of Interest Code
- d. Award of Sand and Base Rock Deliveries for 2024 – Northstate Aggregate, Inc.
- e. Approval to Purchase – Generator Controller for Tesla System at the Treatment Plant

(Pg. 5-7)

(Pg. 8-11)

(Pg. 12-13)

(Pg. 14)

5. **TREASURER'S UPDATE:**

- a. **Treasurer's Report:** Review and acceptance of the Treasurer's Report for the period ending November 30, 2023. *Action may be taken.*

1. [November Investment Summary](#) (Click link to view)

- b. **Expense Approval Report – November 2023:** Approval of payments consisting of check numbers 58071 to 58072 in the amount of \$1,196,091.45, and electronic payments of \$217,590.18 by EFT for the month of November 2023 for total payments of \$1,413,681.63, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of December 2023. *Action may be taken.*

- c. **Mid-Year Budget Review for Fiscal Year 2023-2024:** Review of revenues and expenditures through November 30, 2023. *Direction may be given to staff.*

6. **PID STAFF & CONSULTANT REPORT UPDATES:** Verbal and written report updates from staff and consultants. *Informational Report Updates. Direction may be given.*

- a. District Manager's Report
b. Customer Service Activity Report
c. Field Operations Staff Report
d. Water Treatment Plant Staff Report
e. Engineering Report
f. Water Supply Recovery Program Update: Progress update provided by Water Works Engineers
g. Post Fire Disaster Public Assistance & Recovery Management Services Update: Update provided by Aptim Environmental & Infrastructure.

7. **COMMITTEE REPORTS:** *Information Item Only.*

Board oral report(s) regarding representation on Commissions/Committees/Conferences:

- a. Finance Committee (Directors Chris Rehmann & Bob Matthews – Chairperson)
b. Community Relations Committee (Directors Chris Rehmann & Marc Sulik - Chairperson)
c. PID / Town of Paradise Liaison Committee (Directors Shelby Boston & Bob Matthews)
d. 2023 ACWA Fall Conference (Director Rehmann)

8. **UNFINISHED BUSINESS – None to Report**

9. **NEW BUSINESS:**

- a. **Strategic Plan Development Consultant - Recommendation** (Mickey Rich, Assistant District Manager). Authorize the District Manager to enter into an agreement with Rauch Communication Consultants, Inc. for strategic planning consultation at a cost not-to-exceed \$30,000. *Action may be taken.*

- b. **Disaster Recovery Management Services Agreement – Amendment 7** (Tom Lando, District Manager): Authorize approval of Amendment 7 and direct Staff to increase Water Works Engineers contract not-to-exceed amount by \$6,999,279 to a total contract to date of \$17,769,703 for disaster recovery engineering services being provided under the original Agreement dated March 14, 2019. *Action may be taken.*

- c. **Annual Dam Surveillance – Calendar Years 2024 through 2026** (Bill Taylor, Assistant Engineer): Authorize the District Manager to enter into an agreement with GEI Consultants to perform dam surveillance services as described in their proposal for the years 2024 through 2026 for a cost not-to-exceed \$82,930.00. *Action may be taken.*

- d. **Proposal for the Continuation of the Paradise Dam Spillway Evaluation – Phase IIA** (Bill Taylor, Assistant Engineer): Authorize acceptance of the proposal from Genterra Consultants, Inc. to perform services to prepare Plan and Schedule, Develop Recommendations for Maintenance and Repair, and Perform Additional Assessment Tasks Phase IIA-1 to 5 for a total cost of \$111,634.00. *Action may be taken.*

- (Pg. 133-135) e. **CPS HR Contract Amendment – Compensation Study Time Extension** (Mickey Rich, Assistant District Manager): Authorize approval of first amendment to the agreement between CPS HR and Paradise Irrigation District for the Classification and Total Compensation Study. *Action may be taken.*
- (Pg. 136-141) f. **PID Electronic Sign Proposal – Recommendation** (Mickey Rich, Assistant District Manager / Mark Cavalli, District Maintenance Person): Authorization to approve the upgrade of PID’s signage on Clark Road to an electronic sign option presented in the proposal from Visual Impact Signs. *Action may be taken.*
- (Pg. 142) g. **Disconnect Policy Discussion – Options for Alternative Payments** (Mickey Rich, Assistant District Manager): Review and discuss options for alternative payments for customers seeking relief from paying the minimum ready-to-serve fees. *Action may be taken.*
- (Pg. 143-144) h. **Director Vacancy, Division 4** (Tom Lando, District Manager): Provide direction in reference to filling the Division 4 Director vacancy following the resignation of Marc Sulik effective December 14, 2023 and consider setting a special meeting date to interview potential candidates for appointment to the vacancy. *Action may be taken.*

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

- (Pg. 145-146) 11. **ADJOURNMENT OF PID BOARD OF DIRECTORS MEETING AND CONVENE AS THE PARADISE IRRIGATION DISTRICT PUBLIC FACILITIES FINANCING CORPORATION (PFFC) BOARD.**

CONSENT CALENDAR
REGULAR MEETING
PARADISE IRRIGATION DISTRICT
BOARD OF DIRECTORS

WEDNESDAY, DECEMBER 20, 2023 – 8:30 AM

(A roll call vote will be taken one time for the Consent Calendar)

AGENDA ITEM 4 – APPROVAL OF CONSENT CALENDAR:

A. APPROVAL OF MEETING AGENDA ORDER

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

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

C. APPROVAL TO ADOPT RESOLUTION NO. 2023-15 (AMENDMENT TO DESIGNATED POSITIONS):

Action Requested: Adopt PID Resolution No. 2023-15 Amending the PID Conflict of Interest Code Appendix of Designated Positions for submittal to Butte County Counsel for presentation to the Board of Supervisors as the code reviewing authority.

D. APPROVAL TO AWARD CONTRACT (2024 Sand and Base Rock Deliveries):

Action Requested: Award 2024 Sand and Base Rock Deliveries to Northstate Aggregate, Inc. and authorize the District Manager to execute an Agreement with the contractor.

E. APPROVAL TO PURCHASE (GENERATOR CONTROLLER FOR TESLA SYSTEM)

Action Requested: Approve proposal from Tesla to provide and install a generator controller for the Water Treatment Plant (WTP) Generator that will work with Tesla's controller to replace the automatic transfer system at the WTP.

MINUTES

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

The regular meeting of the Board of Directors of the Paradise Irrigation District (PID) was called to order at 5:30 p.m. by Vice President Bob Matthews followed by the Pledge of Allegiance to the Flag of the United States of America.

OPENING

BOARD MEMBERS PRESENT: Directors Marc Sulik, Elliott Prest, Chris Rehmann, and Vice President Bob Matthews

ROLL CALL

BOARD MEMBERS ABSENT: President Shelby Boston

STAFF PRESENT: District Manager Tom Lando, Assistant District Manager Mickey Rich, Finance Manager/Treasurer Brett Goodlin, District Engineer Blaine Allen, Administrative Assistant Sarah Fenton, and Secretary Georgeanna Borrayo

ALSO PRESENT: Consultants Sami Kader, Colleen Boak, and Meera Narayanan-Pandit with Water Works Engineers, Nicole Maddox, and Brandon Kanatani with APTIM Environmental & Infrastructure, and members of the public

John Stonebraker with the Upper Ridge Community Council commented on sharing information of mutual interest that may affect the upper ridge residents and invited Paradise Irrigation District to attend one of their meetings to provide an update on PID projects that would be of interest to Magalia residents.

PUBLIC COMMENT
(Item 2)

Board members reviewed consent calendar items as follows:

APPROVAL OF
CONSENT
CALENDAR
(Item 3.a. to 3.c.)

- 3.a. Approval of Meeting Agenda Order
- 3.b. Approval of Minutes – Regular Meeting of October 18, 2023
- 3.c. Approval of Update – PID Pipeline Installation Procedures and Specifications and Revisions to Standard Drawings PID-05, PID-15, and PID-18

It was moved by Director Prest and seconded by Director Rehmann to approve the Consent Calendar as presented.

AYES: Directors Sulik, Prest, Rehmann, and Vice President Matthews

NOES: None

ABSENT: President Boston

Motion passes 4-0

Board members reviewed a written Treasurer's Report prepared by Finance Manager / Treasurer Brett Goodlin for the period ending October 31, 2023, highlighting the District's cash position, debt service analysis, operational overview, investment income, and grant income and reimbursements.

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

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

CONTINUED:
ACCEPTANCE OF
TREASURER'S
REPORT

AYES: Directors Sulik, Prest, Rehmann, and Vice President Matthews
NOES: None
ABSENT: President Boston
Motion passes 4-0

EXPENSE
APPROVAL
REPORT FOR THE
MONTH OF
OCTOBER, 2023
(Item 4.b.)

Board members reviewed accounts payable expense reports for the month of October 2023. It was moved by Director Prest and seconded by Director Rehmann to approve payments consisting of check numbers 58038 through 58051 in the amount of \$3,251,831.28, and electronic payments of \$1,657,892.60 by EFT for the month of October 2023 for total payments of \$4,909,723.88, excluding voided check numbers 58048 and 58049, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of November 2023.

AYES: Directors Sulik, Prest, Rehmann, and Vice President Matthews
NOES: None
ABSENT: President Boston
Motion passes 4-0

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

Board members reviewed written Staff and Consultant Report updates provided in the agenda packet. Discussion included: 1) Coordination of management training for all managers; 2) PID Employee Service Award and Safety Awards Luncheon on December 14, 2023, at 12:00 p.m.; 3) Scheduling a Strategic Planning meeting in January or February, depending on consultant and board member availability; 4) PID Pipeline Replacement Program; 5) Future Town of Paradise Projects that will impact the District such as the Paradise Sewer Project/Line Relocation, and Bike Path Improvements and Road Widening Projects; 6) Water Supply Recovery Program Update from Water Works Engineers; and 7) Post Fire Disaster Public Assistance & Recovery Management Services update from Aptim Environmental & Infrastructure.

COMMITTEE
REPORTS
(Item 6.a. – 6.c.)

Finance Committee: Due to scheduling conflicts, the November 2, 2023 Finance Committee meeting was cancelled. A notice of cancellation was distributed and posted on October 31, 2023. The next meeting is scheduled on December 7, 2023 at 8:00 a.m.

Administration & Personnel Committee: Discussion at the November 9, 2023 committee meeting included: 1) PID Rental Properties at 6350 and 6360 Clark Road. Confirmation from Legal Counsel indicated it is not feasible to utilize the rental house for workforce housing, and cautioned the District should not rent the properties below the market rate as this would be considered a gift of public funds; and 2) Swimming at Paradise Lake as a recreational use on and around a domestic water supply reservoir and JPIA risk management elements were reviewed. It was noted Drinking Water regulations and requirements, as well as insurance factors, make this prohibitive.

Special District Leadership Academy Conference: Director Matthews reported he and Director Boston attended the California Special District Leadership Academy Conference in October and found it to be highly informative. They would encourage other Board members to register for a future conference.

UNFINISHED
BUSINESS (Item 7)

There was no unfinished business to report.

NEW BUSINESS
(Item 8)

There were no new business agenda items to report.

Director Prest: Commented he enjoyed viewing the video link created by Cedar Creek regarding the five-year anniversary following the Camp Fire showing PID's journey to restore the community's water.

DIRECTORS'
COMMENTS
(Item 9)

Director Rehmann: Reported using the Dropcountr App to monitor water use and being able to set a threshold by gallons on the app.

Director Sulik: Reflecting on the five-year anniversary of the Camp Fire, he recalls PID holding an initial meeting at the Durham Irrigation Office to discuss a plan of action, and acknowledged the long-term employees who have remained with the District and thanked the new employees for joining PID.

There being no further business, it was moved by Vice President Bob Matthews to adjourn the regular meeting. The regular meeting of the PID Board of Directors was adjourned at 6:26 p.m.

ADJOURNMENT OF
MEETING

Georgeanna Borrayo, Secretary

Bob Matthews, Vice President



Paradise Irrigation District

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DATE: December 12, 2023

TO: Board of Directors

FROM: Georgeanna Borrayo, Executive Assistant / Board Clerk

RE: Resolution No. 2023-15 Amending PID Conflict of Interest Code
Appendix of Designated Positions
12/20/2023 Board of Directors Meeting

The Political Reform Act requires every local government agency to review its Conflict of Interest (COI) Code biennially. A COI Code must specifically list positions that make or participate in making decisions. Typically, positions that involve voting on matters, negotiating contracts, or making recommendations on purchases without substantive review must be included in codes.

The following is Resolution No. 2023-15 for Board approval to add the titles of Assistant Engineer and Meter Shop Operations Manager to the list of "Designated Positions" in the District's Conflict of Interest Code.

Action Requested:

"Adopt Paradise Irrigation District Resolution No. 2023-15 amending the District's Conflict of Interest Code Appendix of Designated Positions and authorize the District Secretary to submit the amendment to Butte County Counsel for presentation to the Board of Supervisors as the Code reviewing authority."



PARADISE IRRIGATION DISTRICT

RESOLUTION OF THE BOARD OF DIRECTORS

RESOLUTION NO. 2023-15 AMENDING CONFLICT OF INTEREST CODE APPENDIX OF DESIGNATED POSITIONS

WHEREAS, the Board of Directors of Paradise Irrigation District adopted, on May 5, 1993, a "Conflict of Interest Code for Paradise Irrigation District" as required by the Political Reform Act, Government Code Sections 81000, *et seq.*; and,

WHEREAS, said Conflict of Interest Code contains an "Appendix of Designated Positions"; and,

WHEREAS, the responsibilities of two new positions require inclusion in the list of "Designated Positions";

NOW, THEREFORE, BE IT RESOLVED THAT the Board of Directors of the Paradise Irrigation District does hereby authorize an amendment to the Appendix of Designated Positions in its "Conflict of Interest Code for Paradise Irrigation District" as follows:

1. The position of "Assistant Engineer" and "Meter Shop Operations Manager" will be added to Designated Positions and be assigned Disclosure Category 1.

BE IT FURTHER RESOLVED THAT the Secretary is directed to forward this information to the Butte County Board of Supervisors as the Code reviewing authority, for approval pursuant to Government Code Section 87303.

PASSED AND ADOPTED this 20th day of December, 2023 by the following vote at a regular meeting of the Board of Directors.

AYES:
NOES:
ABSTAIN:
ABSENT:

PARADISE IRRIGATION DISTRICT

Shelby Boston, President

ATTEST:

Georgeanna Borrayo, Secretary

Revised July 20, 2022 by Resolution 2022-13
 Revised March 18, 2015 by Resolution 2015-02
 Revised May 21, 2014 by Resolution 2014-04
 Revised February 19, 2014 by Resolution 2014-02
 Revised February 7, 2001 by Resolution 2001-04
 Revised February 5, 1997 by Resolution 97-06
 Revised January 17, 1996 by Resolution 96-02
 Revised March 1, 1995 by Resolution 95-01
Revised December 20, 2023 by Resolution 2023-15

APPENDIX OF DESIGNATED POSITIONS

<u>DESIGNATED POSITIONS</u>	<u>ASSIGNED DISCLOSURE CATEGORIES</u>
District Manager	1
Assistant District Manager	1
General Counsel	1
Distribution Superintendent	1
Assistant Distribution Superintendent	1
Water Treatment Plant Superintendent	1
Warehouseperson	1
Office Manager	1
District Engineer	1
<u>Assistant Engineer</u>	<u>1</u>
<u>Meter Shop Operations Manager</u>	<u>1</u>
Consultants *	3

* Consultants shall be included in the list of designated employees and shall disclose pursuant to the broadest disclosure category in the code subject to the following limitation:

The District Manager of the District may determine in writing that a particular consultant, although a “designated position,” is hired to perform a range of duties that is limited in scope and thus is not required to fully comply with the disclosure requirements in this section. Such written determination shall include a description of consultant’s duties and, based upon that description, a statement of the extent of disclosure requirements. The District Manager’s determination is a public record and shall be retained for public inspection in the same manner and location as this conflict of interest code.

It has been determined that the following positions which manage public investments for purposes under Government Code § 87200, shall, in addition to the disclosures required by Government Code § 87200 *et seq.* and California Code of Regulations, disclose:

<u>DESIGNATED POSITIONS</u>	<u>ASSIGNED DISCLOSURE CATEGORIES</u>
Directors	1
Finance & Accounting Manager	3

**SUMMARY OF AMENDMENT
(PID Board Resolution 2023-15)**

Addition of Designated Position:

- | | |
|---------------------------------|------------------------------|
| • Meter Shop Operations Manager | Disclosure Category 1 |
| • <u>Assistant Engineer</u> | <u>Disclosure Category 1</u> |



PARADISE IRRIGATION DISTRICT

TO: Board of Directors

FROM: Jeff Hill, Distribution Superintendent
Georgeanna Borrayo, Executive Assistant

DATE: 12/7/2023

RE: Award of Bid for 2024 Sand and Base Rock Deliveries
12/20/2023 Board of Directors Meeting

The District's current contract for the purchase and delivery of sand and base rock products ends this year. On November 6, 2023 the District sent letters to three companies inviting sealed bids to provide this service for the 2024 calendar year with option by District of renewal for an additional year. Two companies responded as shown below:

Quotations for 2024 Sand and Base Rock Deliveries

COMPANY NAME	ADDRESS	¼ or 3/8 MINUS FILL SAND PER TON	BASE ROCK PER TON (Triangle Rock Products)	BASE ROCK PER TON Alternate Quarry
Northstate Aggregate, Inc. (Paradise Facility)	P. O. Box 6639 Chico, CA 95927	\$26.00 / Ton	\$25.00 / Ton	\$26.00 / Ton
Ed Brown Trucking, Inc.	4675 Kilcare Lane Chico, CA 95973	\$42.63 / Ton	\$38.34 / Ton	\$34.05 / Ton
Pro Aggregates, Inc.	3668 Hicks Lane Chico, CA 95973	NO BID	NO BID	NO BID

Action Requested:

Award 2024 Sand and Base Rock deliveries to Northstate Aggregate, Inc. and authorize the District Manager to execute an Agreement with the contractor.

NORTHSTATE AGGREGATE, INC.

PO BOX 6639 CHICO CA 95928
PHONE 530 877-1088
Fax 530 877-2350

QUOTE

To: PARADISE IRRIGATION DISTRICT

From: NORTHSTATE AGGREGATE, INC.

EMAIL:

Pages: 1

Phone: 530-876-2043

Date: 12/5/23

Job site: SERVICE BOUNDARIES OF PID

EXPIRES: 12/31/24

PRICE FOR MATERIALS TO BE DELIVERED WITHIN PID'S SERVICE AREA BOUNDARIES.

PRICES INCLUDE MATERIAL, TAX, AND DELIVERY

¼ OR 3/8 MINUS FILL SAND - \$26.00/TON

TRIANGLE ROCK PRODUCTS BASE ROCK - \$25.00/TON

ALTERNATE QUARRY BASE - \$26.00/TON



Paradise Irrigation District

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DATE: December 11, 2023

TO: Board of Directors

FROM: Tom Lando, District Manager
Bill Taylor, Assistant Engineer

RE: Proposal from Tesla to install a new generator controller at the
Water Treatment Plant
12/20/2023 Board of Directors Meeting

First, the good news. On Sunday, December 3, 2023, the Tesla battery system at the Plant finally went online and is functioning. The system currently charges the batteries (using PG&E power) during off peak hours, and during peak hours, the Plant runs off the batteries instead of PG&E.

During power outages, the way the system is designed to work, is to operate off the batteries until they get low and then the system is supposed to switch over to the diesel generator at the Plant.

The issue we are currently experiencing involves the automatic transfer system (ATS) at the Plant. Due to the age of the ATS, the Tesla system cannot work with it. Tesla has proposed changing out the generator controller so their system will now take the place of the ATS and run everything seamlessly.

The cost to do this was not part of the original work proposed by Tesla.

Action Requested:

Approve the proposal from Tesla to provide and install a controller for the Treatment Plant Generator that will work with Tesla's controller and will replace the automatic transfer system at the Treatment Plant. (Proposal information will be provided upon receipt from Tesla).

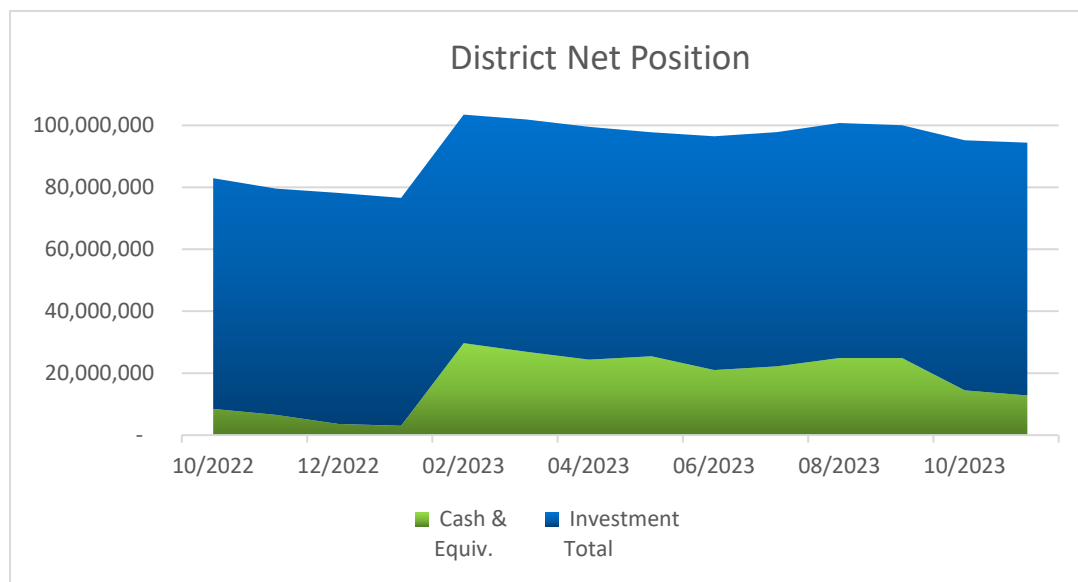


Paradise Irrigation District

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Treasurer's Report – November 2023

1. **Cash & Investments** – As of month end the District's net position was \$94,387,696, down 0.8% from last month.
 - a. Cash holdings at Tri Counties Bank: \$2,813,570 @ 3.441%
 - b. Cash holdings at CA CLASS: \$9,552,867 @ 5.5451%
 - c. Cash holdings at LAIF: \$2,615 @ 3.77%
 - d. Cash holdings at Meeder Investments: \$400,768 @ 5.25%.
 - e. Securities holdings at Meeder Investments: 81,617,877 @ 3.84%



2. **Debt Service** – As of month end the District's outstanding debt was \$1,423,765. This fiscal year, the District will pay \$44,867 in interest.
 - a. 2017 Refinance Loan (Truist): \$307,670 at 2.28%
 - b. 2016 Refinance Loan (Capital One): \$ - 0 - , paid off 10/23/2023
 - c. 2007 Magalia Bypass Loan (iBank): \$1,053,095 at 1.00%

3. **Revenues** – As of month end the District's total income recognized YTD was \$17.1M.

a.	<u>Operating Income</u>	<u>YTD</u>	<u>BUDGET</u>
	Water Service, Fees, & Consumption	\$ 1,972,687	\$ 5,310,232
	Installations and Custom Work	\$ 148,541	\$ 66,000
	Total Operating Income	\$ 2,121,228	\$ 5,376,232
b.	<u>Investment Income (Cash Basis)</u>	<u>YTD</u>	<u>BUDGET</u>
	Interest Income	\$ 1,307,675	\$ 2,600,000
	Realized Investment Gain/Loss	\$ 2,941	\$ - 0 -
	Total Investing Income	\$ 1,310,616	\$ 2,600,000

c. <u>Recovery / Misc. Income</u>	<u>YTD</u>	<u>BUDGET</u>
Reimbursements	\$ 86,517	\$ 273,000
Miscellaneous & Other	\$ 12,649,825	\$ 57,300,000
Total Recovery / Misc. Income	\$ 12,736,341	\$ 57,573,000

d. Customer Status:		
Active Customers	5,179	\$ 227,772 monthly revenue
Sealed Customers	4,125	\$ 90,709 monthly revenue
Disconnected	1,453	

4. Expenses –

<u>Operating Expenses by Department</u>	<u>YTD</u>	<u>BUDGET</u>
Source of Supply & Treatment	\$ 684,310	\$ 2,438,000
T & D and Customer Service	\$ 1,283,606	\$ 2,973,000
Administration	\$ 863,448	\$ 2,331,000
Total Operating Expense	\$ 2,831,364	\$ 7,742,000

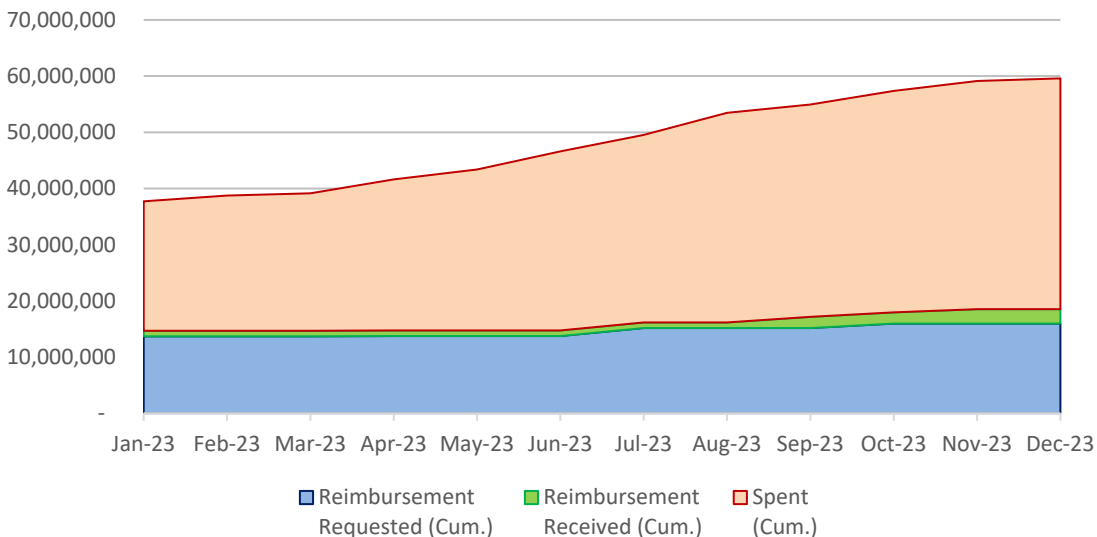
5. Budget Highlights–

<u>Reporting Group</u>	<u>YTD Budget</u>	<u>Remaining</u>
Operating Income	\$ 2,240,097	\$ 118,869
Salaries & Benefits	\$ 1,815,833	\$ 167,568
Utilities	\$ 133,750	\$ (16,456)

6. Capital & Recovery –

Project	Reimbursement Requested (Cum.)	Reimbursement Received (Cum.)	Spent (Cum.)	Awarded (Cum.)
MISLR	13,401,026	802,372	28,625,360	61,558,108
Reservoir B			9,052,516	21,787,417
Zone A	1,596,845	1,126,773	2,560,847	6,259,315
Magalia Dam	942,234	636,008	977,010	2,537,178

Grant Spending and Receivable Aging Report



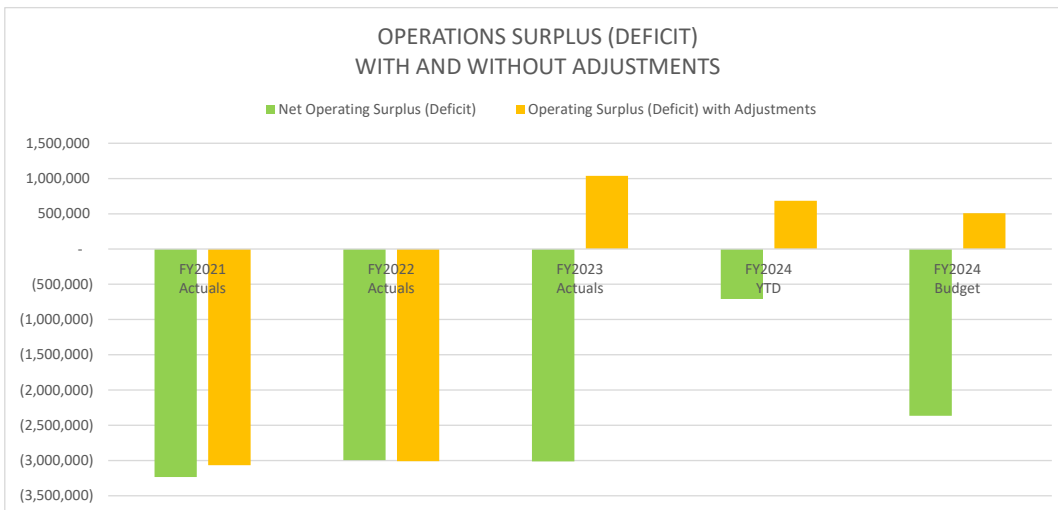
Paradise Irrigation District

Treasurer's Report November 30, 2023

Fiscal Year-to-Date Income & Expense Report

5

	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
District Operations						
Operating Income	3,804,279	4,664,521	4,984,929	2,121,228	5,376,232	61%
Source of Supply Total:	17,969	251,189	52,597	43,909	250,000	82%
Water Treatment Total:	1,238,662	1,318,893	1,759,582	640,401	2,188,000	71%
Transmission and Distribution Total:	2,496,577	2,692,238	3,231,382	1,072,915	2,395,000	55%
Customer Service / Meter Shop Total:	311,476	330,712	512,056	210,691	578,000	64%
Administration Total:	2,972,166	3,066,015	2,442,569	863,448	2,331,000	63%
Operating Expense	7,036,850	7,659,047	7,998,186	2,831,364	7,742,000	63%
Net Operating Surplus (Deficit)	(3,232,571)	(2,994,526)	(3,013,258)	(710,136)	(2,365,768)	
Interest Income	(52,878)	(14,962)	1,630,903	1,307,675	2,600,000	50%
Reimbursements	219,507	0	2,419,635	86,517	273,000	68%
Operating Surplus (Deficit) with Adjustments	(3,065,942)	(3,009,488)	1,037,281	684,056	507,232	



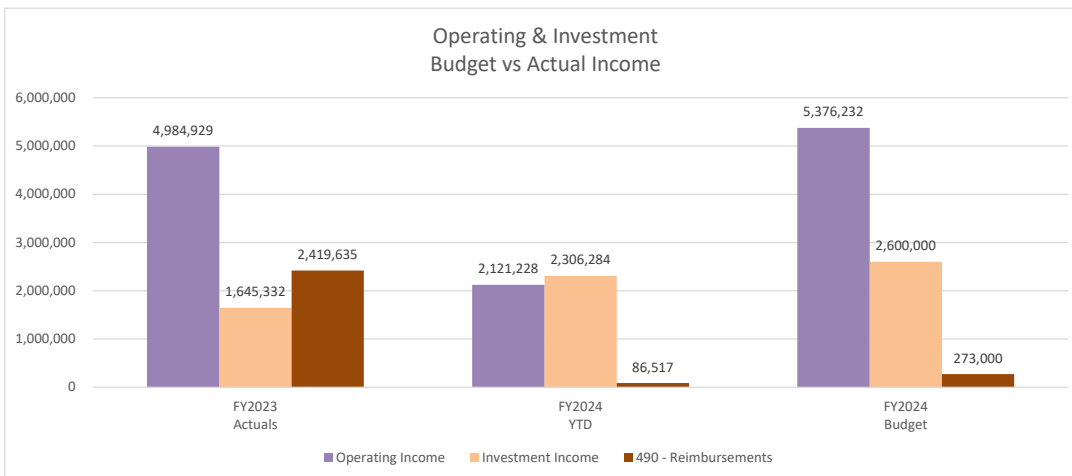
Paradise Irrigation District

Treasurer's Report November 30, 2023

Fiscal Year-to-Date Income & Expense Report

5

	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 00 - Revenue						
400 - Taxes - PID Share	317,000	288,006	184,088	-174,362	330,000	153%
401 - Water - Service	3,034,810	3,758,352	4,158,838	1,526,351	4,135,232	63%
402 - Water - Consumption	(44)	0	128,971	422,211	460,000	8%
403 - Water - Fees & Adjustments	(2,408)	30,005	147,384	125,416	160,000	22%
405 - Outside Water Sales	126,556	214,169	241,404	73,070	225,000	68%
425 - Non-Recurring Services	328,365	373,989	124,243	148,541	66,000	Over
<i>Operating Income</i>	<i>3,804,279</i>	<i>4,664,521</i>	<i>4,984,929</i>	<i>2,121,228</i>	<i>5,376,232</i>	<i>61%</i>
460 - Interest Income	(52,878)	(14,962)	1,630,903	1,307,675	2,600,000	50%
465 - Rental Income	21,416	22,652	14,429	2,941	0	
475 - Investment Gain/Loss	21,416	22,652	-984,668	995,668	0	
<i>Investment Income</i>	<i>(31,462)</i>	<i>7,690</i>	<i>1,645,332</i>	<i>2,306,284</i>	<i>2,600,000</i>	<i>11%</i>
470 - Grant Income	0	1,360	0	0	0	
490 - Reimbursements	219,507	0	2,419,635	86,517	273,000	68%
495 - Grant Reimbursements	5,443,911	12,880,241	738,894	1,527,039	45,300,000	97%
499 - Other	9,766,341	120,739,779	1,533,825	11,122,786	12,000,000	7%
<i>Recovery / Misc. Income</i>	<i>15,429,759</i>	<i>133,621,380</i>	<i>4,692,354</i>	<i>12,736,341</i>	<i>57,573,000</i>	<i>78%</i>
Total Revenue:	19,223,992	138,316,243	10,337,947	17,163,854	65,549,232	74%



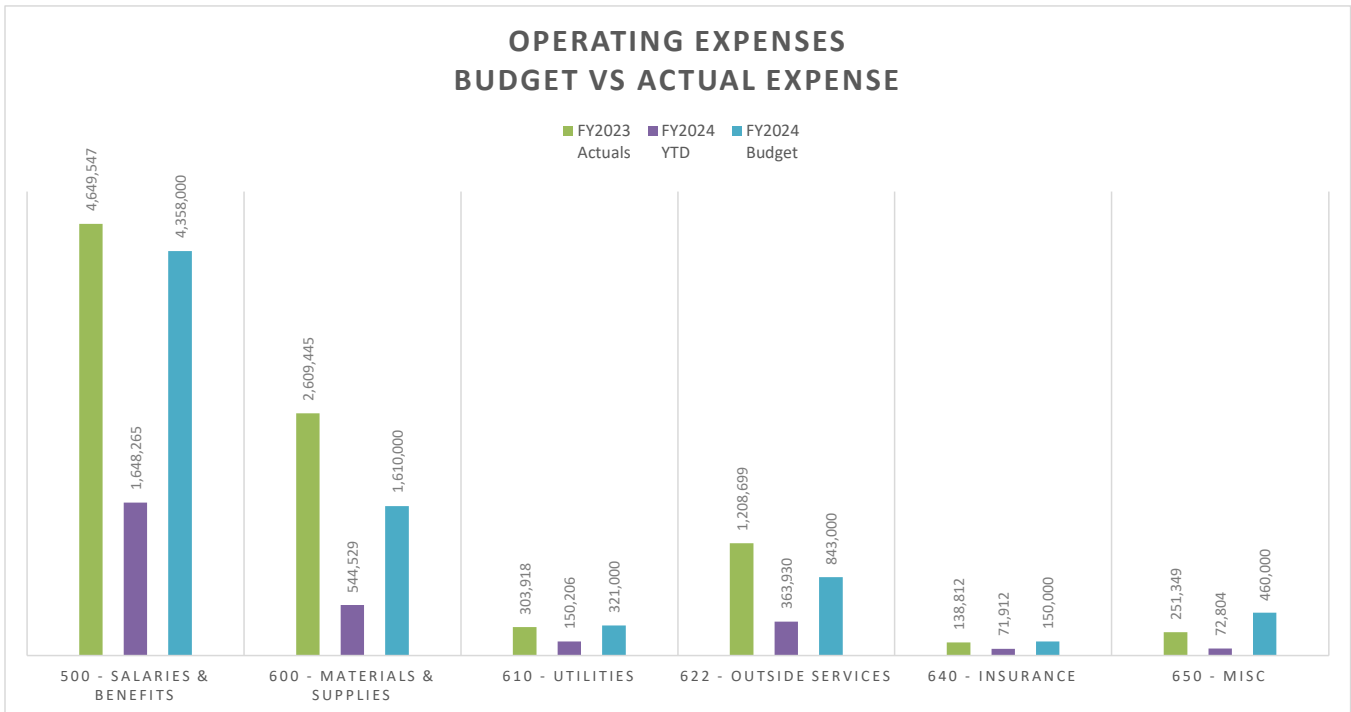
400 - Taxes - PID Share	Includes revenues distributed by Butte County for property tax assessments and liens.
401 - Water - Service	Includes revenues for monthly service fees for hydrant, business, irrigation, and residential meters.
402 - Water - Consumption	Includes revenues for metered water consumption.
403 - Water - Fees & Adjustments	Includes revenues for penalties, fines, and fees.
405 - Outside Water Sales	Includes revenues for water sales to other agencies.
425 - Non-Recurring Services	Includes revenues for service installs, upgrades, repairs, and other misc. work.
460 - Interest Income	Includes revenues earned from investments and savings.
465 - Rental Income	Includes revenues (net) earned from rental properties.
475 - Investment Gain/Loss	Includes revenues from realized and unrealized investment activity.
470 - Grant Income	Includes revenues from awarded grants that are not reimbursements.
490 - Reimbursements	Includes revenues from contracts, damage repairs, and small insurance claims.
495 - Grant Reimbursements	Includes revenues from requested expenditures of grant funds.
499 - Other	Includes revenues from settlements and all other sources that are nonrecurring.

Paradise Irrigation District

Treasurer's Report November 30, 2023

Fiscal Year-to-Date Reporting Group Analysis

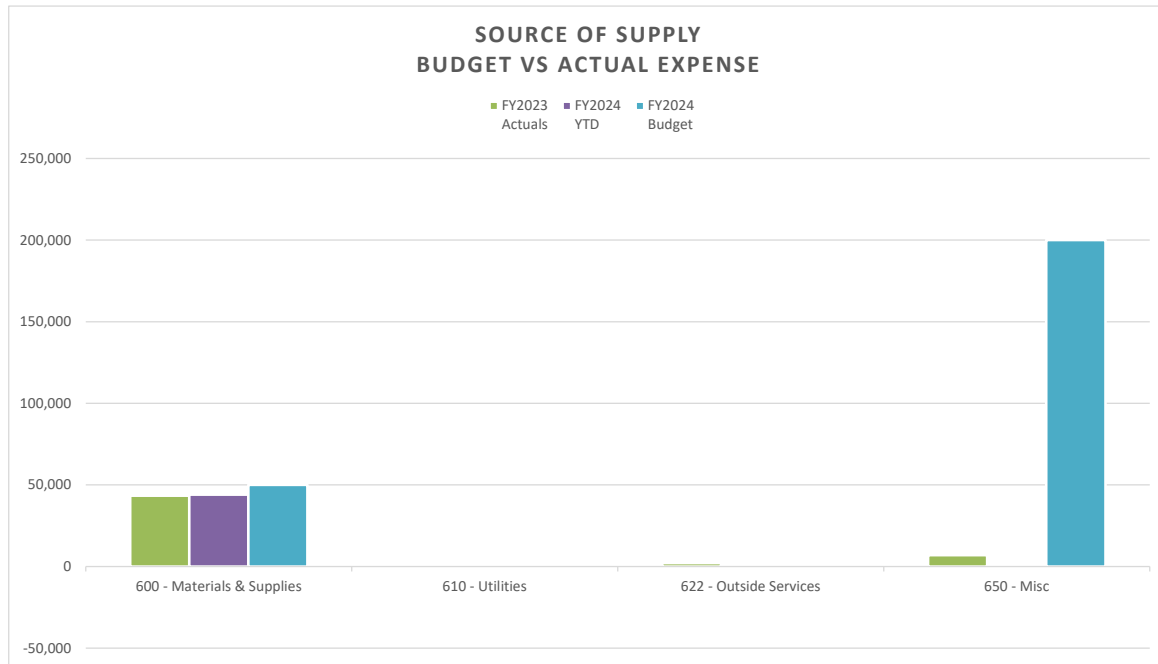
	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
All Operating Departments						
500 - Salaries & Benefits	3,534,205	3,968,214	4,649,547	1,648,265	4,358,000	62%
600 - Materials & Supplies	928,346	11,636,074	2,609,445	544,529	1,610,000	66%
610 - Utilities	273,809	224,788	303,918	150,206	321,000	53%
622 - Outside Services	2,185,947	1,992,615	1,208,699	363,930	843,000	57%
640 - Insurance	133,289	117,239	138,812	71,912	150,000	52%
650 - Misc	1,216,340	1,394,208	251,349	72,804	460,000	84%
Total Expense:	8,271,937	19,333,137	9,161,770	2,851,646	7,742,000	63%



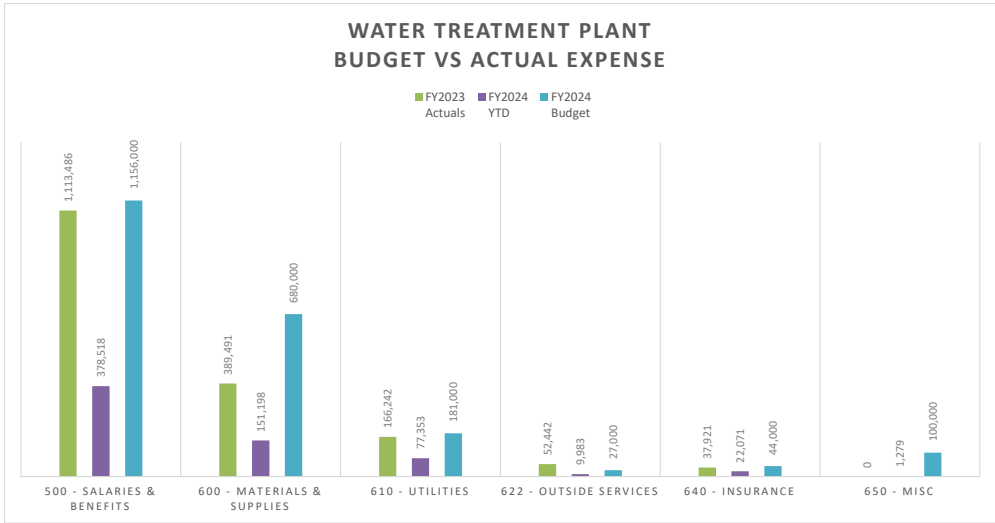
Paradise Irrigation District
Treasurer's Report November 30, 2023
Fiscal Year-to-Date Income & Expense Report

5

	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 10 - Source of Supply						
600 - Materials & Supplies	3,160	3,875	43,364	44,114	50,000	12%
610 - Utilities	0	0	176	96	0	
622 - Outside Services	1,259	46,757	2,138	332		
650 - Misc	13,550	200,557	6,920	-633	200,000	100%
Total Expense:	17,969	251,189	52,597	43,909	250,000	82%



	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining	Current YTD Budget	Budget Remaining	Projected Year-End
Depart: 30 - Water Treatment									
500 - Salaries & Benefits	982,404	1,012,944	1,113,486	378,518	1,156,000	67%	481,667	103,149	908,443
600 - Materials & Supplies	201,222	250,351	389,491	151,198	680,000	78%	283,333	132,135	362,875
610 - Utilities	514	5,127	166,242	77,353	181,000	57%	75,417	(1,936)	185,647
622 - Outside Services	13,776	15,625	52,442	9,983	27,000	63%	11,250	1,267	23,959
640 - Insurance	36,102	34,846	37,921	22,071	44,000	50%	18,333	(3,738)	52,970
650 - Misc	4,644	-	0	1,279	100,000	99%	41,667	40,388	3,069
Total Expense:	1,238,662	1,318,893	1,759,582	640,401	2,188,000	71%	911,667	271,266	1,536,963



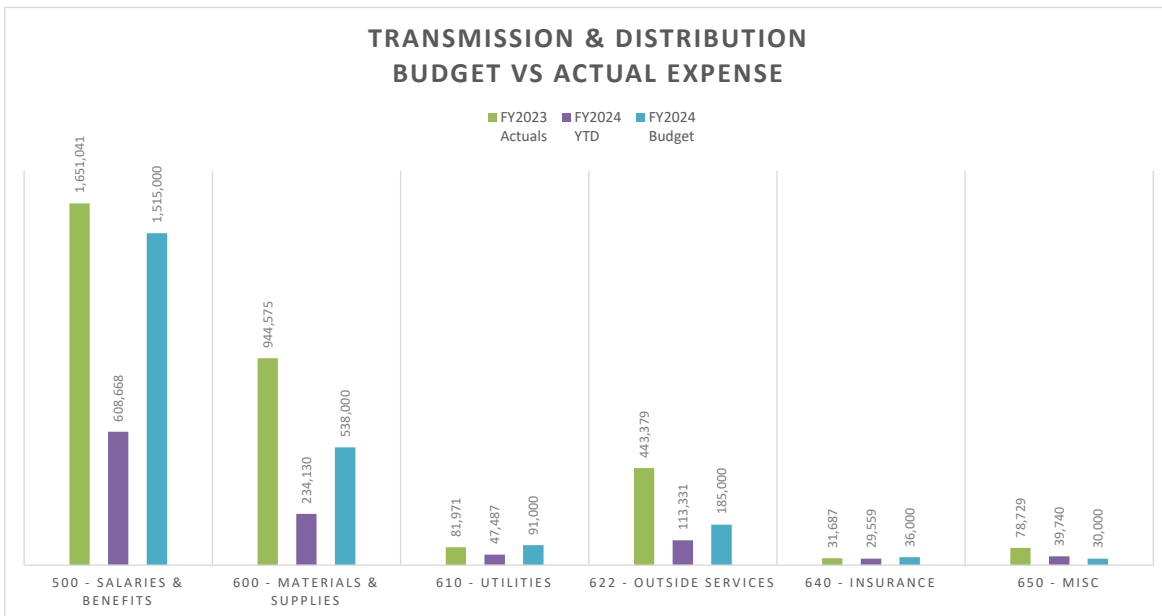
Paradise Irrigation District

Treasurer's Report November 30, 2023

Fiscal Year-to-Date Income & Expense Report

5

	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 40 - Transmission & Distribution						
500 - Salaries & Benefits	1,257,362	1,429,522	1,651,041	608,668	1,515,000	60%
600 - Materials & Supplies	614,244	685,034	944,575	234,130	538,000	56%
610 - Utilities	31,119	18,062	81,971	47,487	91,000	48%
622 - Outside Services	513,181	493,029	443,379	113,331	185,000	39%
640 - Insurance	29,279	28,261	31,687	29,559	36,000	18%
650 - Misc	51,392	38,330	78,729	39,740	30,000	Over
Total Expense:	2,496,577	2,692,238	3,231,382	1,072,915	2,395,000	55%



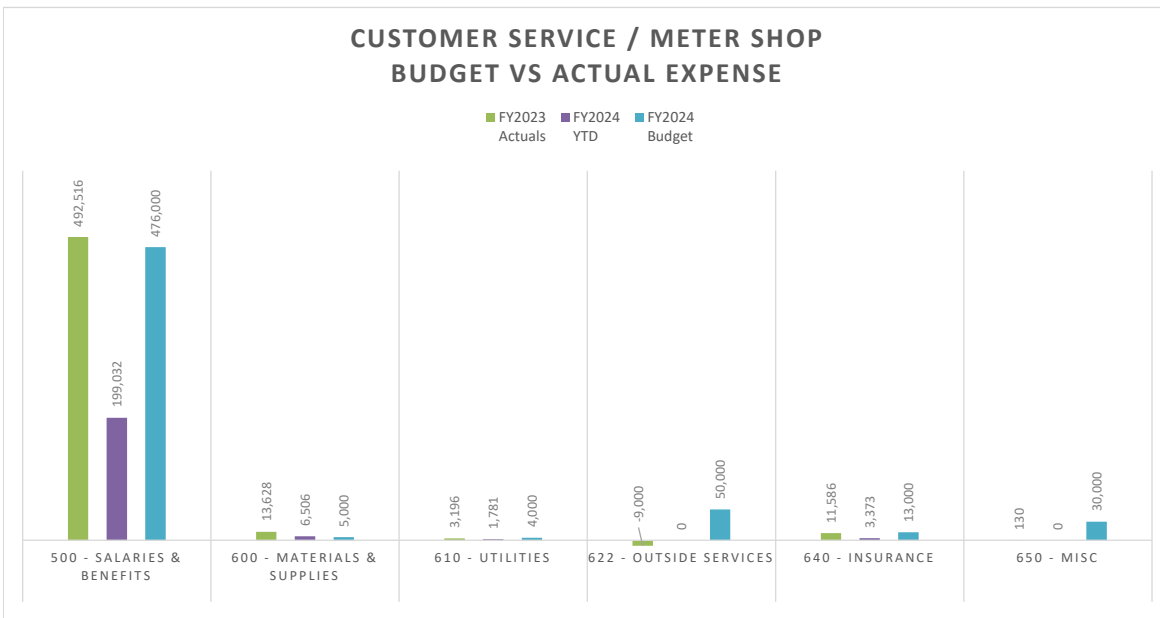
Paradise Irrigation District

Treasurer's Report November 30, 2023

Fiscal Year-to-Date Income & Expense Report

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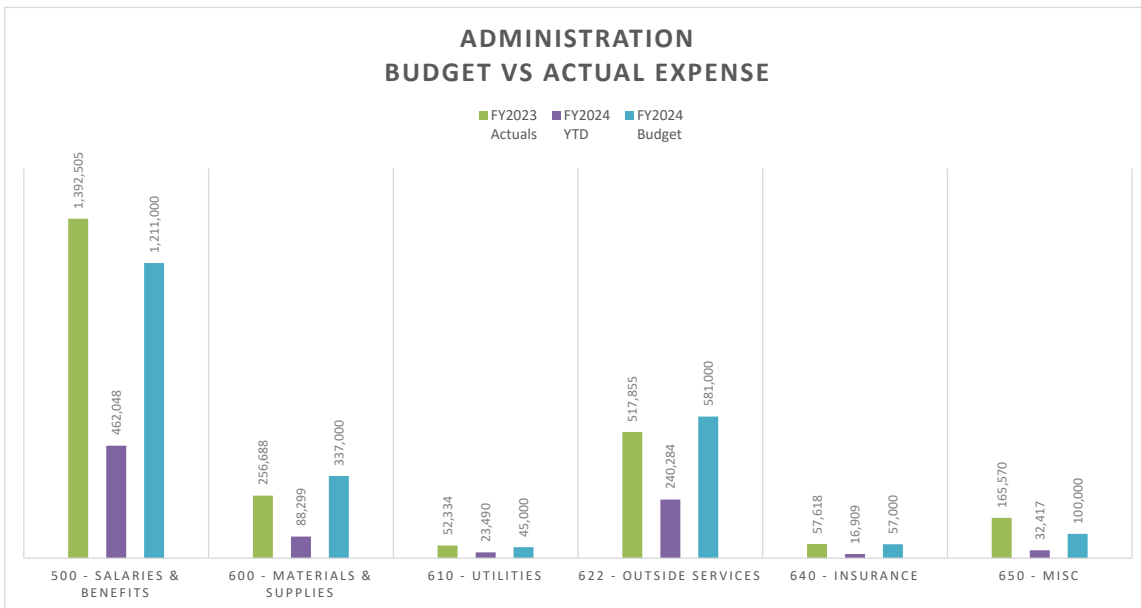
	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 50 - Customer Service / Meter Shop						
500 - Salaries & Benefits	290,613	295,789	492,516	199,032	476,000	58%
600 - Materials & Supplies	692	8,901	13,628	6,506	5,000	Over
610 - Utilities	0	3,000	3,196	1,781	4,000	55%
622 - Outside Services	9,233	12,463	-9,000	0	50,000	100%
640 - Insurance	10,938	10,559	11,586	3,373	13,000	74%
650 - Misc	0	0	130	0	30,000	100%
Total Expense:	311,476	330,712	512,056	210,691	578,000	64%



Paradise Irrigation District
Treasurer's Report November 30, 2023
Fiscal Year-to-Date Income & Expense Report

5

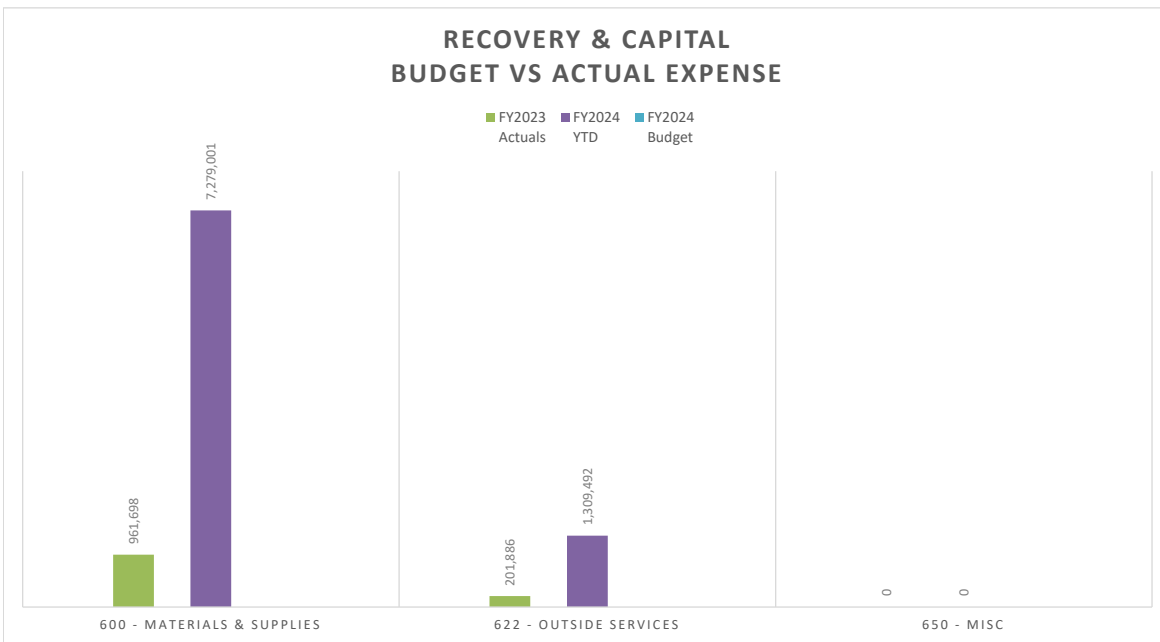
	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 60 - Administration						
500 - Salaries & Benefits	998,237	1,229,198	1,392,505	462,048	1,211,000	62%
600 - Materials & Supplies	109,204	200,854	256,688	88,299	337,000	74%
610 - Utilities	44,365	41,673	52,334	23,490	45,000	48%
622 - Outside Services	1,656,841	1,414,867	517,855	240,284	581,000	59%
640 - Insurance	56,970	44,979	57,618	16,909	57,000	70%
650 - Misc	106,549	134,444	165,570	32,417	100,000	68%
Total Expense:	2,972,166	3,066,015	2,442,569	863,448	2,331,000	63%



Paradise Irrigation District
Treasurer's Report November 30, 2023
Fiscal Year-to-Date Income & Expense Report

5

	FY2021 Actuals	FY2022 Actuals	FY2023 Actuals	FY2024 YTD	FY2024 Budget	% Budget Remaining
Depart: 70 - Recovery & Capital						
600 - Materials & Supplies	2,757,174	10,417,053	961,698	7,279,001		
622 - Outside Services	1,958,968	2,643,947	201,886	1,309,492		
650 - Misc			0	0		
Total Expense:	4,716,142	13,061,000	1,163,583	8,588,493	0	



PORTFOLIO SUMMARY

As of November 30, 2023



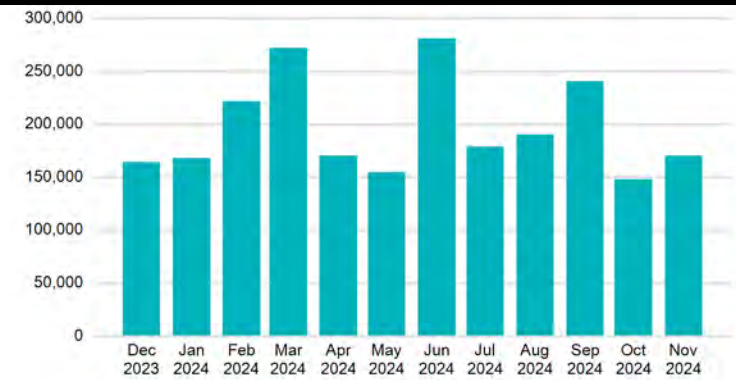
MONTHLY RECONCILIATION

Beginning Book Value	81,843,460.55
Contributions	
Withdrawals	
Prior Month Management Fees	(3,000.00)
Prior Month Custodian Fees	(666.50)
Realized Gains/Losses	38,953.54
Gross Interest Earnings	120,961.40
Ending Book Value	81,999,708.99

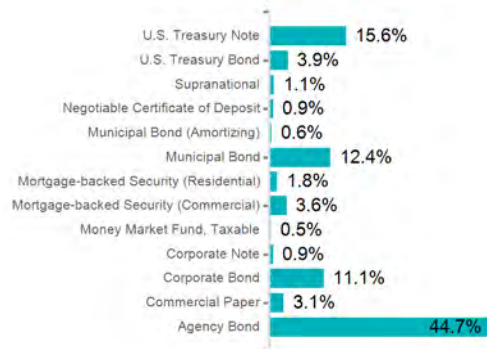
PORTFOLIO CHARACTERISTICS

Portfolio Yield to Maturity	3.84%
Portfolio Effective Duration	2.29 yrs
Weighted Average Maturity	2.54 yrs
Weighted Average Life	2.76 yrs

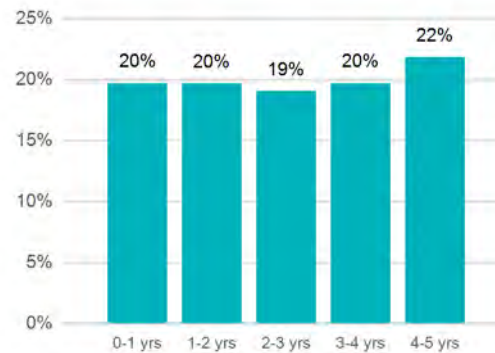
PROJECTED MONTHLY INCOME SCHEDULE



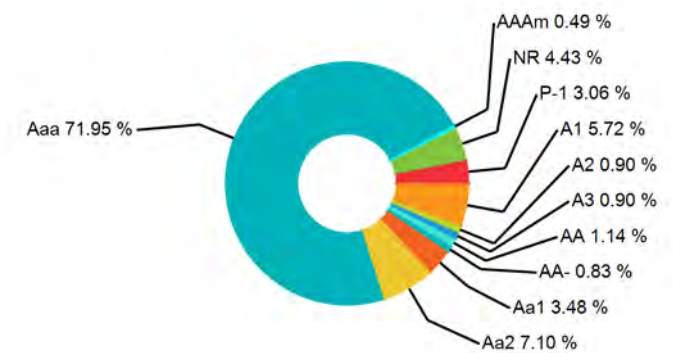
SECTOR ALLOCATION



MATURITY DISTRIBUTION



CREDIT QUALITY



PARADISE IRRIGATION DISTRICT

Expense Approval Report

Percentage of Total Payments* by Account

November 1 - 30, 2023

*Displaying accounts greater than 1.00%

Account Number	Account Name	Payments	% of Total
01-70-601099	Recovery & Capital	1,259,043.63	93.29%
01-210030	FICA	46,223.10	2.00%
01-210045	Retirement	38,498.01	1.67%
01-210020	Federal Withholding	30,253.06	1.31%
	<i>Remainder</i>	<i>\$485,615.83</i>	<i>34.35%</i>
Grand Total		\$1,413,681.63	

PARADISE IRRIGATION DISTRICT

Expense Approval Report

Percentage of Total Payments* by Vendor

November 1 - 30, 2023

*Displaying accounts greater than 1%

Vendor	Payments	% of Total
RCI General Engineering	823,442.55	58.25%
Myers and Sons Construction, LLC	372,648.90	26.36%
Internal Revenue Service	76,476.16	5.41%
ICMA Retirement Trust-457	32,305.28	2.29%
Pace Supply	18,091.19	1.28%
N.C.G.T. SECURITY FUND	15,234.00	1.08%
Employment Development Dept.	14,300.33	1.01%
	<i>Remainder</i>	<i>4.33%</i>
Grand Total	\$1,413,681.63	



Paradise Irrigation District

Expense Approval Report By Vendor Name

Payment Dates 11/1/2023 - 11/30/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
Vendor: 03213 - Adobe Systems				
11/16/2023	DFT0006774	INV0007092	Software	29.99
Vendor 03213 - Adobe Systems Total:				29.99
Vendor: 02957 - Aflac				
11/10/2023	DFT0006749	INV0007104	Montly Invoices	127.20
11/10/2023	DFT0006750	INV0007105	Montly Aflac Invoice	228.12
11/24/2023	DFT0006842	INV0007130	Montly Invoices	127.20
11/24/2023	DFT0006843	INV0007131	Montly Aflac Invoice	178.38
Vendor 02957 - Aflac Total:				660.90
Vendor: 03323 - All Things Trees				
11/16/2023	DFT0006822	1582	Tree Work	7,500.00
Vendor 03323 - All Things Trees Total:				7,500.00
Vendor: 03211 - Amazon.com				
11/03/2023	DFT0006833	113-4571877-2017867	Supplies	97.74
11/02/2023	DFT0006829	113-4579287-9721065	Supplies	70.02
11/03/2023	DFT0006832	113-4416143-7109822	Supplies	62.90
11/03/2023	DFT0006831	113-8728499-3570647	Supplies	125.27
Vendor 03211 - Amazon.com Total:				355.93
Vendor: 03266 - Apple				
11/15/2023	DFT0006775	INV0007091	icloud	0.99
Vendor 03266 - Apple Total:				0.99
Vendor: 01068 - Aramark Uniform Services				
11/09/2023	DFT0006776	5066412135	Uniforms	236.64
11/09/2023	DFT0006776	5066412136	Uniforms	130.03
11/09/2023	DFT0006776	5066417570	Uniforms	200.70
11/09/2023	DFT0006776	5066423017	Uniforms	200.70
11/09/2023	DFT0006776	5066428418	Uniforms	189.18
Vendor 01068 - Aramark Uniform Services Total:				957.25
Vendor: 01074 - Asbury Enviromental Service				
11/07/2023	APA001296	I500-00981482	Used Oil Pick Up	100.00
Vendor 01074 - Asbury Enviromental Service Total:				100.00
Vendor: 01082 - AT&T				
11/07/2023	APA001297	20690150	Office telephones	743.84
Vendor 01082 - AT&T Total:				743.84
Vendor: 01090 - AWWA				
11/06/2023	DFT0006739	SO125715	Membership Renewal	311.00
11/06/2023	DFT0006738	7002149889	Membership Renewal	2,594.00
Vendor 01090 - AWWA Total:				2,905.00
Vendor: 01240 - California Special Districts Association				
11/09/2023	DFT0006773	2023-10	2024 CSDA Membership Ren...	7,883.33
Vendor 01240 - California Special Districts Association Total:				7,883.33
Vendor: 01247 - Capra, Laura				
11/15/2023	DFT0006821	2023-12	Medical	164.90
Vendor 01247 - Capra, Laura Total:				164.90
Vendor: 03194 - Cintas Corporation				
11/09/2023	DFT0006777	5181010508	Supplies	47.20
11/09/2023	DFT0006777	5181010559	Supplies	283.37
11/09/2023	DFT0006777	5181010596	Supplies	79.13
Vendor 03194 - Cintas Corporation Total:				409.70

Expense Approval Report

Payment Dates: 11/1/2023 - 11/30/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
Vendor: 02905 - COMP, Inc.				
11/07/2023	APA001298	00037185 -00	Pre-employment screening	460.00
Vendor 02905 - COMP, Inc. Total:				460.00
Vendor: 01474 - Eagles Security Systems				
11/09/2023	DFT0006697	1405856	Security	156.03
11/09/2023	DFT0006696	1405857	Security	469.20
Vendor 01474 - Eagles Security Systems Total:				625.23
Vendor: 02888 - Elecsys International Corporation				
11/07/2023	APA001299	Statement 10/31/2023	Missing invoices from 2020-2...	90.00
Vendor 02888 - Elecsys International Corporation Total:				90.00
Vendor: 01480 - Employment Development Dept.				
11/10/2023	DFT0006744	INV0007099	State Income Tax Withholding	76.35
11/10/2023	DFT0006747	INV0007102	State Disability Withholding	8.27
11/13/2023	DFT0006757	INV0007114	State Income Tax Withholding	5,762.96
11/13/2023	DFT0006760	INV0007117	State Disability Withholding	1,361.22
11/19/2023	DFT0006795	INV0007125	State Income Tax Withholding	12.28
11/19/2023	DFT0006798	INV0007128	State Disability Withholding	2.84
11/27/2023	DFT0006850	INV0007140	State Income Tax Withholding	5,760.66
11/27/2023	DFT0006853	INV0007143	State Disability Withholding	1,315.75
Vendor 01480 - Employment Development Dept. Total:				14,300.33
Vendor: 01501 - Enloe Medical Center				
11/27/2023	DFT0006856	2023-11	Physicals	298.00
Vendor 01501 - Enloe Medical Center Total:				298.00
Vendor: 03178 - ERICKS North America, Inc.				
11/07/2023	DFT0006836	CI046503	Supplies	171.44
Vendor 03178 - ERICKS North America, Inc. Total:				171.44
Vendor: 01526 - Federal Express Corp.				
11/27/2023	DFT0006855	8-306-03017	Postage	74.65
Vendor 01526 - Federal Express Corp. Total:				74.65
Vendor: 01528 - FGL Environmental				
11/16/2023	DFT0006790	378265A	Routine Bacti Monitoring-We...	103.00
11/16/2023	DFT0006790	378457A	Woodsdale Pipeline	28.00
11/16/2023	DFT0006790	376307A	Biosolids Monitoring	1,804.00
11/16/2023	DFT0006790	378167A	Waste Water Monitoring	31.00
11/16/2023	DFT0006790	378545A	Routine Bacti Monitoring-We...	103.00
11/16/2023	DFT0006790	378546A	Water Quality Monitoring	61.00
11/16/2023	DFT0006790	378676A	Waste Water Monitoring	302.00
11/16/2023	DFT0006790	378984A	Routine Bacti Monitoring	103.00
11/16/2023	DFT0006790	378774A	Routine Bacti Monitoring	103.00
11/16/2023	DFT0006790	378831A	Tokay	28.00
11/16/2023	DFT0006790	378892A	Orchard Leak	28.00
11/16/2023	DFT0006790	378945A	Woodsdale	28.00
11/16/2023	DFT0006784	379179A	Water Quality Monitoring	28.00
11/16/2023	DFT0006785	379180A	Water Quality Monitoring	28.00
11/16/2023	DFT0006786	379193A	Routine Bacti Monitoring	103.00
11/16/2023	DFT0006788	379326A	Water Quality Monitoring	28.00
11/16/2023	DFT0006787	379365A	Drinking Water Monitoring	103.00
11/16/2023	DFT0006789	379115A	Waste Water Monitoring	31.00
Vendor 01528 - FGL Environmental Total:				3,043.00
Vendor: 03309 - GoDaddy				
11/25/2023	DFT0006778	INV0007093	Software	13.99
Vendor 03309 - GoDaddy Total:				13.99
Vendor: 01705 - Hunt & Sons, Inc.				
11/17/2023	DFT0006800	645991	236gals. unleaded gasoline	1,037.18
11/17/2023	DFT0006800	679057	154gals. unleaded gasoline	672.77
11/17/2023	DFT0006800	693232	200gals. unleaded gasoline	832.05
Vendor 01705 - Hunt & Sons, Inc. Total:				2,542.00

Expense Approval Report

Payment Dates: 11/1/2023 - 11/30/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
Vendor: 01716 - ICMA Retirement Trust-401				
11/07/2023	DFT0006740	INV0007095	Retirement - 401(a) Match	17.27
11/10/2023	DFT0006752	INV0007107	Retirement - 401(a) Match	3,113.27
11/16/2023	DFT0006792	INV0007121	Retirement - 401(a) Match	8.64
11/24/2023	DFT0006845	INV0007133	Retirement - 401(a) Match	3,053.55
Vendor 01716 - ICMA Retirement Trust-401 Total:				6,192.73
Vendor: 01715 - ICMA Retirement Trust-457				
11/07/2023	DFT0006741	INV0007096	Retirement Trust - 457	17.27
11/07/2023	DFT0006742	INV0007097	Deferred Comp 457	51.82
11/07/2023	DFT0006743	INV0007098	Retirement Trust - 457	103.65
11/10/2023	DFT0006753	INV0007108	Retirement Trust - 457	3,113.27
11/10/2023	DFT0006754	INV0007109	Deferred Comp 457	9,817.68
11/10/2023	DFT0006755	INV0007110	Retirement Trust - 457	2,241.22
11/10/2023	DFT0006756	INV0007111	Retirement Trust - 457	948.14
11/16/2023	DFT0006793	INV0007122	Retirement Trust - 457	8.64
11/16/2023	DFT0006794	INV0007123	Deferred Comp 457	25.92
11/24/2023	DFT0006846	INV0007134	Retirement Trust - 457	3,053.55
11/24/2023	DFT0006847	INV0007135	Deferred Comp 457	9,695.82
11/24/2023	DFT0006848	INV0007136	Retirement Trust - 457	2,280.16
11/24/2023	DFT0006849	INV0007137	Retirement Trust - 457	948.14
Vendor 01715 - ICMA Retirement Trust-457 Total:				32,305.28
Vendor: 01731 - Internal Revenue Service				
11/10/2023	DFT0006745	INV0007100	FICA Withholding	113.98
11/10/2023	DFT0006746	INV0007101	Fed Withholding	164.20
11/10/2023	DFT0006748	INV0007103	Medicare Withholding	26.64
11/13/2023	DFT0006758	INV0007115	FICA Withholding	18,705.24
11/13/2023	DFT0006759	INV0007116	Fed Withholding	15,068.00
11/13/2023	DFT0006761	INV0007118	Medicare Withholding	4,374.66
11/19/2023	DFT0006796	INV0007126	FICA Withholding	38.96
11/19/2023	DFT0006797	INV0007127	Fed Withholding	33.52
11/19/2023	DFT0006799	INV0007129	Medicare Withholding	9.04
11/27/2023	DFT0006851	INV0007141	FICA Withholding	18,603.76
11/27/2023	DFT0006852	INV0007142	Fed Withholding	14,987.34
11/27/2023	DFT0006854	INV0007144	Medicare Withholding	4,350.82
Vendor 01731 - Internal Revenue Service Total:				76,476.16
Vendor: 01722 - isolved, Inc.				
11/07/2023	APA001300	1132048822	Plan admin.	88.20
Vendor 01722 - isolved, Inc. Total:				88.20
Vendor: 03255 - John Michael Bunch				
11/07/2023	APA001301	2035	Electrical	3,535.00
11/07/2023	APA001301	2036	Electrical	235.00
Vendor 03255 - John Michael Bunch Total:				3,770.00
Vendor: 01780 - Kimball Midwest				
11/07/2023	APA001302	101497997	549458NW	171.59
11/07/2023	APA001302	101522717	Refund for missing item	-5.78
Vendor 01780 - Kimball Midwest Total:				165.81
Vendor: 03270 - MAC Tools				
11/13/2023	DFT0006823	213751	Tools	167.00
Vendor 03270 - MAC Tools Total:				167.00
Vendor: 03225 - Myers and Sons Construction, LLC				
11/06/2023	58071	348-13 (CM)	Overpayment set to credit	22,297.60
11/06/2023	58071	348-13 (CM)	Overpayment set to credit	-445,952.00
11/06/2023	58071	348-14	Res B Replacement	-1,850.00
11/06/2023	58071	348-14	Res B Replacement	37,000.00
11/06/2023	58071	348-15	Reservoir B Retainage	-40,060.70
11/06/2023	58071	348-15	RES B Replacement	801,214.00
Vendor 03225 - Myers and Sons Construction, LLC Total:				372,648.90

Expense Approval Report

Payment Dates: 11/1/2023 - 11/30/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
Vendor: 03045 - N.C.G.T. SECURITY FUND				
11/07/2023	1296	2023-11	Health 2023-11	15,234.00
Vendor 03045 - N.C.G.T. SECURITY FUND Total:				15,234.00
Vendor: 01538 - O'Reilly Auto Parts				
11/07/2023	APA001303	3534-108597	Repair parts	58.19
11/07/2023	APA001303	3534-108695	Repair parts	142.77
11/07/2023	APA001303	3534-110179	Supplies	341.85
Vendor 01538 - O'Reilly Auto Parts Total:				542.81
Vendor: 03187 - Pace Analytical Services LLC				
11/07/2023	APA001304	2309139-28	Water testing	283.00
11/07/2023	APA001304	2309208-28	Water testing	283.00
Vendor 03187 - Pace Analytical Services LLC Total:				566.00
Vendor: 02030 - Pace Supply				
11/09/2023	DFT0006779	088844672	3/4 x 3 clamp	795.20
11/09/2023	DFT0006779	088447905-1	Corp Stop - Serv Brass - 2 ' MIP..	3,674.99
11/09/2023	DFT0006779	088447905-1	Coupling - Serv Brass - 1' Comp	1,479.41
11/09/2023	DFT0006779	088447905-1	B16 Box - Concrete	984.29
11/09/2023	DFT0006779	088571813	1" comp nut	743.48
11/09/2023	DFT0006779	088532397-5	A23 Meter - Serv Brass	1,516.04
11/09/2023	DFT0006779	088532397-5	Adaptor 6 Way - Serv Brass - 2'..	570.47
11/09/2023	DFT0006779	088532397-5	Adaptor - Serv Brass - 2 ' MIP x..	1,218.01
11/09/2023	DFT0006779	089026737	G-5 CI lid	3,055.74
11/09/2023	DFT0006779	089026737	G-5 valve box	4,053.56
Vendor 02030 - Pace Supply Total:				18,091.19
Vendor: 02070 - Peterson				
11/07/2023	APA001305	PC010227699	Equipment Repairs	163.88
11/07/2023	APA001305	BBC399639	supplies	142.85
Vendor 02070 - Peterson Total:				306.73
Vendor: 03048 - Plan B Professional Answering Service				
11/07/2023	APA001306	2023-11	Answering service	152.20
Vendor 03048 - Plan B Professional Answering Service Total:				152.20
Vendor: 03167 - RCI General Engineering				
11/06/2023	58072	2023-08 (MISLR 3)	MISLR 3 Retention	-43,339.08
11/06/2023	58072	2023-08 (MISLR 3)	MISLR 3	866,781.63
Vendor 03167 - RCI General Engineering Total:				823,442.55
Vendor: 02057 - Riebes Auto Parts				
11/07/2023	APA001307	5356-135733	Parts & Supplies	116.22
Vendor 02057 - Riebes Auto Parts Total:				116.22
Vendor: 03306 - Save Mart				
11/16/2023	DFT0006824	2023-11	Training Lucn	103.19
Vendor 03306 - Save Mart Total:				103.19
Vendor: 03312 - SiriusXM				
11/05/2023	DFT0006780	INV0007094	Office Expense	5.43
Vendor 03312 - SiriusXM Total:				5.43
Vendor: 03273 - Snap-On Credit LLC				
11/01/2023	DFT0006781	INV0007090	Zeus Software	99.00
Vendor 03273 - Snap-On Credit LLC Total:				99.00
Vendor: 03210 - Spatial Networks, Inc.				
11/01/2023	DFT0006734	7E7049A6-0052	Field software, Fulcrum	672.00
Vendor 03210 - Spatial Networks, Inc. Total:				672.00
Vendor: 03061 - Sterling Health Services, Inc DBA				
11/10/2023	DFT0006751	INV0007106	HSA Contribution	167.30
11/24/2023	DFT0006844	INV0007132	HSA Contribution	167.30
Vendor 03061 - Sterling Health Services, Inc DBA Total:				334.60
Vendor: 02362 - Thomas Ace Hardware				
11/13/2023	DFT0006809	218338	Supplies	56.81

Expense Approval Report

Payment Dates: 11/1/2023 - 11/30/2023

Payment Date	Payment Number	Payable Number	Description (Item)	Amount
11/13/2023	DFT0006810	218636	Supplies	1.19
11/13/2023	DFT0006801	218780	Supplies	63.16
11/13/2023	DFT0006801	218781	Supplies	40.44
11/13/2023	DFT0006811	218791	Supplies	11.02
11/13/2023	DFT0006801	217745	Supplies	57.64
11/13/2023	DFT0006801	218202	Supplies	468.84
11/13/2023	DFT0006801	218861	Supplies	1.17
11/13/2023	DFT0006801	218872	Supplies	52.79
11/13/2023	DFT0006801	218879	Supplies	78.03
11/13/2023	DFT0006801	219002	Supplies	2.88
11/13/2023	DFT0006801	219128	Tools	56.56
11/13/2023	DFT0006801	219226	Supplies	23.60
11/13/2023	DFT0006801	219234	Supplies	15.59
11/13/2023	DFT0006803	219259	Tools	11.06
11/13/2023	DFT0006801	219287	Supplies	43.54
11/13/2023	DFT0006807	219515	Supplies	7.80
11/13/2023	DFT0006806	219517	Supplies	3.76
11/13/2023	DFT0006804	219624	Supplies	42.81
11/13/2023	DFT0006805	219707	Supplies	95.90
11/13/2023	DFT0006802	219760	Supplies	116.75
11/13/2023	DFT0006808	219835	Supplies	51.11
11/17/2023	DFT0006812	219911	Supplies	53.85
11/17/2023	DFT0006817	219963	Supplies	12.13
11/17/2023	DFT0006814	219984	Supplies	58.76
11/17/2023	DFT0006815	220251	Supplies	96.85
11/17/2023	DFT0006816	220261	Supplies	18.12
11/17/2023	DFT0006813	220279	Supplies	3.93
11/17/2023	DFT0006819	220294	Supplies	5.66
11/17/2023	DFT0006818	220363	Supplies	46.48
11/17/2023	DFT0006820	220425	Supplies	53.21
Vendor 02362 - Thomas Ace Hardware Total:				1,651.44
Vendor: 02824 - US Bank Corporate Payment System				
11/12/2023	DFT0006735	2023-11	Zoho Renewal	745.20
11/02/2023	DFT0006839	WQA5862	Training OCT Water Academy	850.00
11/03/2023	DFT0006837	2023-11 (Sportmans)	Supplies	121.77
11/03/2023	DFT0006736	53133	Training	292.14
11/12/2023	DFT0006838	69619101	Software	745.20
11/16/2023	DFT0006840	2023-11 (SubWy)	Employee Training	457.16
Vendor 02824 - US Bank Corporate Payment System Total:				3,211.47
Vendor: 02712 - VistaNet inc.				
11/07/2023	APA001308	23040	MSP Sophos Central	795.10
11/07/2023	APA001308	23041	Network Monitoring	629.00
11/07/2023	APA001308	23162	Work stations	8,149.40
11/07/2023	APA001308	23163	Computer maintenance	540.00
11/07/2023	APA001308	23164	Email issues	120.00
Vendor 02712 - VistaNet inc. Total:				10,233.50
Vendor: 02714 - Wagner & Bonsignore				
11/07/2023	APA001309	10-23-749	Water rights work	1,968.75
Vendor 02714 - Wagner & Bonsignore Total:				1,968.75
Vendor: 03134 - White Glove Cleaning Svc Inc				
11/07/2023	APA001310	76876	Janitorial services	456.00
11/07/2023	APA001310	76877	Janitorial services	550.00
Vendor 03134 - White Glove Cleaning Svc Inc Total:				1,006.00
Vendor: 03244 - William Leo Bunch Jr				
11/07/2023	APA001311	16945	Annual Monitoring for Fire Spr...	800.00
Vendor 03244 - William Leo Bunch Jr Total:				800.00
Grand Total:				1,413,681.63

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Revenues						
400 - Taxes - PID Share [Includes revenues distributed by Butte County for property tax assessments and liens.]						
01-00-450013	Taxes - 1%	330,000	(174,362)	504,362	153%	
	400 - Taxes - PID Share Total:	330,000	(174,362)	504,362	153%	
401 - Water - Service [Includes revenues for monthly service fees for hydrant, business, irrigation, and residential meters.]						
01-00-400000	Water Sales	200,000	27,948	172,052	86%	
01-00-400001	Water - Service	3,710,232	1,309,431	2,400,801	65%	
01-00-400004	Water - Service Fee	225,000	146,461	78,539	35%	
	401 - Water - Service Total:	4,135,232	1,483,840	2,651,392	64%	
402 - Water - Consumption [Includes revenues for metered water consumption.]						
01-00-400002	Water - Consumption	460,000	422,211	37,789	8%	830,000
	402 - Water - Consumption Total:	460,000	422,211	37,789	8%	
403 - Water - Fees & Adjustments [Includes revenues for penalties, fines, and fees.]						
01-00-400005	Water - Penalty	150,000	116,011	33,989	23%	
01-00-400070	Water - Backflow Test Fee	10,000	9,405	595	6%	
	403 - Water - Fees & Adjustments Total:	160,000	125,416	34,584	22%	
405 - Outside Water Sales [Includes revenues for water sales to other agencies.]						
01-00-405000	Outside Water Sales	225,000	73,070	151,930	68%	
	405 - Outside Water Sales Total:	225,000	73,070	151,930	68%	
425 - Non-Recurring Services [Includes revenues for service installs, upgrades, repairs, and other misc. work.]						
01-00-410000	Meter Charges	13,000	2,108	10,892	84%	
01-00-445020	Service Charges, Reinstalls	13,000	(274)	13,274	102%	
01-00-420000	Developer Charges	40,000	19,536	20,464	51%	
	425 - Non-Recurring Services Total:	66,000	21,370	44,630	68%	
460 - Interest Income [Includes revenues earned from investments and savings.]						
01-00-460000	Interest	2,600,000	1,307,675	1,292,325	50%	
	460 - Interest Income Total:	2,600,000	1,307,675	1,292,325	50%	
465 - Rental Income [Includes revenues (net) earned from rental properties.]						
01-00-465000	Rents	-	2,941	(2,941)	0%	3,000
	465 - Rental Income Total:	-	2,941	(2,941)	0%	
475 - Investment Gain/Loss [Includes revenues from realized and unrealized investment activity.]						
01-00-499060	REAL GAIN/LOSS - INVESTMENTS	-	106,499	(106,499)	0%	300,000
01-00-499061	FMV GAIN/LOSS - INVESTMENTS	-	889,169	(889,169)	0%	1,000,000
	475 - Investment Gain/Loss Total:	-	995,668	(995,668)	0%	
490 - Reimbursements [Includes revenues from contracts, damage repairs, and small insurance claims.]						
01-00-490020	Reimbursements	-	86,517	(86,517)	0%	200,000
	490 - Reimbursements Total:	-	86,517	(86,517)	0%	
495 - Grant Reimbursements [Includes revenues from requested expenditures of grant funds.]						
01-00-499020	Grant Reimbursements	-	1,527,039	(1,527,039)	0%	25,000,000
	495 - Grant Reimbursements Total:	-	1,527,039	(1,527,039)	0%	
499 - Other [Includes revenues from settlements and all other sources that are nonrecurring.]						
01-00-499030	Note Receivable	-	595	(595)	0%	2,000
01-00-499050	Revenue - Surplus Property	-	61,315	(61,315)	0%	65,000
01-00-499050	Miscellaneous Non-Op. Revenue	-	11,060,876	(11,060,876)	0%	11,100,000
	499 - Other Total:	-	11,122,786	(11,122,786)	0%	
	All Revenue Total:	7,976,232	16,994,172	(9,017,940)	-113%	

01-00-400002 Consumption estimation for remainder of the year, 5 months of \$50k and 2 months at \$60k.

01-00-465000 Rents to match actuals

01-00-499060 Realized gain allocated per month carried forward to remainder of FY

01-00-499061 To mirror actuals

01-00-490020 Reimbursements are PG&E at \$16,500 per month

01-00-499020 Grant / Recovery reimbursement for expected payments of work completed

01-00-499030 Regular installment payments through utility billing

01-00-499050 Surplus property revenue to match actuals

01-00-499050 Misc. Non-Op to match actuals

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 10 - Source of Supply						
600 - Materials & Supplies						
01-10-650090	Permits	50,000	44,114	5,886	12%	100,000
	600 - Materials & Supplies Total:	50,000	44,114	5,886	12%	
610 - Utilities						
01-10-610061	ELECTRIC	-	96	(96)	0%	1,000
	610 - Utilities Total:	-	96	(96)	0%	
622 - Outside Services						
01-10-630010	Bldg & Grounds Maintenance	-	332	(332)	0%	
	622 - Outside Services Total:	-	332	(332)	0%	
650 - Misc						
01-10-699000	Miscellaneous	200,000	-	200,000	100%	
01-10-699090	Miscellaneous	-	(633)	633	0%	
	650 - Misc Total:	200,000	(633)	200,633	100%	
	Depart: 10 - Source of Supply Total:	250,000	43,909	206,091	82%	

01-10-650090 Missing 6 months of dam permit fees. Needs budget adjustment
01-10-610061 Electricity is estimated about \$30 / month. Needs budget adjustment
01-10-630010 Entry posted to incorrect account. Needs Journal Entry adjustment
01-10-699090 Entries pertain to reversal of the annual lien reports. Needs Billing module adjustment

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 30 - Water Treatment						
500 - Salaries & Benefits						
01-30-500000	SALARIES - DIRECT	755,000	230,656	524,344	69%	
01-30-510000	SALARIES - OVERTIME	70,000	42,868	27,132	39%	
01-30-520010	DENTAL	7,000	2,507	4,493	64%	
01-30-520020	LIFE	15,000	489	14,511	97%	
01-30-520030	FICA (Employer)	63,000	22,518	40,482	64%	
01-30-520040	MEDICAL	110,000	41,083	68,917	63%	
01-30-520045	RETIREMENT	74,000	29,501	44,499	60%	
01-30-520050	VISION	2,000	707	1,293	65%	
01-30-520060	WORKER'S COMPENSATION	60,000	8,188	51,812	86%	
500 - Salaries & Benefits Total:		1,156,000	378,518	777,482	67%	
600 - Materials & Supplies						
01-30-600071	Corrosion Control Chemicals	150,000	71,269	78,731	52%	
01-30-600072	Treatment Chemicals	200,000	43,904	156,096	78%	
01-30-601013	Treatment Supplies	1,000	69	931	93%	
01-30-601026	T Plant-Bldg/Grounds Maint Mtl	1,000	1,866	(866)	-87%	
01-30-601030	Office Supplies	1,000	1,580	(580)	-58%	
01-30-601040	Safety Supplies	10,000	220	9,780	98%	
01-30-601050	Small Hand Tools	10,000	860	9,140	91%	
01-30-601099	Miscellaneous Supplies	20,000	6,745	13,255	66%	
01-30-620000	Vehicles/Equipment-Gas/Oil	1,000	1,275	(275)	-28%	
01-30-621000	Equipment-Repairs	45,000	3,553	41,447	92%	
01-30-622000	Equipment-Replacement	25,000	6,604	18,396	74%	
01-30-622001	EQUIPMENT PURCH > \$2,500	25,000	-	25,000	100%	
01-30-630040	Lab Fees	30,000	10,262	19,738	66%	
01-30-650090	Permits	150,000	1,034	148,966	99%	
01-30-675040	Training	10,000	1,956	8,044	80%	
01-30-699010	Bldg & Grounds Maint. Expenses	1,000	-	1,000	100%	
600 - Materials & Supplies Total:		680,000	151,198	528,802	78%	
610 - Utilities						
01-30-610061	ELECTRIC	171,000	73,711	97,289	57%	
01-30-611013	CELL PHONES	3,000	2,170	830	28%	
01-30-630034	TELEVISION	2,000	326	1,674	84%	
01-30-630035	GARBAGE	1,000	285	715	72%	
01-30-630036	Landfill Fees	4,000	-	4,000	100%	
01-30-630037	Internet Service	1,500	860	640	43%	
610 - Utilities Total:		182,500	77,353	105,147	58%	
622 - Outside Services						
01-30-601020	Janitorial Supplies	-	898	(898)	0%	
01-30-630005	JANITORIAL SERVICES	-	1,980	(1,980)	0%	6,000
01-30-630010	Bldg & Grounds Maintenance	20,000	-	20,000	100%	
01-30-630011	Weed Control	-	500	(500)	0%	
01-30-630030	Equipment Rental	3,000	83	2,917	97%	
01-30-630060	Uniforms	2,500	5,672	(3,172)	-127%	13,000
01-30-630099	Miscellaneous Services	-	50	(50)	0%	
01-30-635099	Miscellaneous Prof. Services	-	800	(800)	0%	
622 - Outside Services Total:		25,500	9,983	15,517	61%	
640 - Insurance						
01-30-655000	Insurance - Fire, Liability, e	40,000	21,081	18,919	47%	
01-30-655010	Disability Insurance	4,000	990	3,010	75%	
640 - Insurance Total:		44,000	22,071	21,929	50%	
650 - Misc						
01-30-623001	Structure Impr > \$2,500	-	1,117	(1,117)	0%	
01-30-699000	Miscellaneous	100,000	162	99,838	100%	
650 - Misc Total:		100,000	1,279	98,721	99%	
Depart: 30 - Water Treatment Total:		2,188,000	640,401	1,547,599	71%	

01-30-601020 Misclassified reporting category. Requires journal entry
01-30-630005 Cleaning services at \$495 / month. Requires budget adjustment
01-30-630060 Uniform costs are more than originally estimated. Requires budget adjustment

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 40 - Transmission and Distribution						
466 - Custom Work						
01-40-466001	PFD Reimbursements-PID Mat'l.	-	4,692	(4,692)	0%	
01-40-466002	PFD Reimbursements-PID Labor	-	2,540	(2,540)	0%	
01-40-466003	PFD Reimbursements-PID Equip	-	8,472	(8,472)	0%	
466 - Custom Work Total:		-	15,704	(15,704)	0%	
500 - Salaries & Benefits						
01-40-500000	SALARIES - DIRECT	1,000,000	388,082	611,918	61%	
01-40-505000	CONTRACT LABOR	4,000	-	4,000	100%	
01-40-510000	SALARIES - OVERTIME	10,000	7,378	2,622	26%	
01-40-520010	DENTAL	13,000	5,234	7,766	60%	
01-40-520020	LIFE	2,000	713	1,287	64%	
01-40-520030	FICA (Employer)	75,000	33,525	41,475	55%	
01-40-520040	MEDICAL	220,000	116,438	103,562	47%	
01-40-520045	RETIREMENT	92,000	44,197	47,803	52%	
01-40-520050	VISION	4,000	1,569	2,431	61%	
01-40-520060	WORKER'S COMPENSATION	80,000	11,531	68,469	86%	
01-40-590000	UNEMPLOYMENT	15,000	-	15,000	100%	
500 - Salaries & Benefits Total:		1,515,000	608,668	906,332	60%	2,200,000
600 - Materials & Supplies						
01-40-600090	Inventory Expense	66,000	20	65,980	100%	
01-40-601014	Welding Supplies	8,000	3,179	4,821	60%	
01-40-601020	Janitorial Supplies	2,000	631	1,369	68%	
01-40-601030	Office Supplies	7,000	2,602	4,398	63%	
01-40-601035	Software	10,000	6,973	3,027	30%	
01-40-601040	Safety Supplies	15,000	7,854	7,146	48%	
01-40-601050	Small Hand Tools	25,000	8,481	16,519	66%	
01-40-601060	Construction & Maint. Supplies	250,000	122,717	127,283	51%	
01-40-601099	Miscellaneous Supplies	-	107	(107)	0%	
01-40-620000	Vehicles/Equipment-Gas/Oil	90,000	38,354	51,646	57%	
01-40-621000	Equipment-Repairs	30,000	8,269	21,731	72%	
01-40-630023	Physicals-DMV & PreEmployment	5,000	2,507	2,493	50%	
01-40-675015	Meal Reimbursement	-	152	(152)	0%	
01-40-675040	Training	10,000	2,233	7,767	78%	
01-40-699010	Bldg & Grounds Maint. Expenses	10,000	30,050	(20,050)	-201%	40,000
600 - Materials & Supplies Total:		528,000	234,130	293,870	56%	
610 - Utilities						
01-40-610061	ELECTRIC	67,000	37,606	29,394	44%	
01-40-610062	NATURAL GAS	5,000	326	4,674	93%	
01-40-611013	CELL PHONES	13,000	7,425	5,575	43%	
01-40-630034	TELEVISION	1,000	397	603	60%	
01-40-630035	GARBAGE	1,000	939	61	6%	3,000
01-40-630036	Landfill Fees	4,000	794	3,206	80%	
610 - Utilities Total:		91,000	47,487	43,513	48%	
622 - Outside Services						
01-40-630005	JANITORIAL SERVICES	6,000	3,662	2,338	39%	7,000
01-40-630010	Bldg & Grounds Maintenance	-	7,500	(7,500)	0%	
01-40-630011	Weed Control	3,000	875	2,125	71%	
01-40-630015	Building Security	2,000	469	1,531	77%	
01-40-630025	Office Equipment Maintenance	500	9,284	(8,784)	-1757%	
01-40-630030	Equipment Rental	5,000	2,474	2,526	51%	
01-40-630060	Uniforms	17,000	9,326	7,674	45%	
01-40-635099	Miscellaneous Prof. Services	140,500	79,240	61,260	44%	
01-40-650070	Memberships	1,000	-	1,000	100%	
01-40-675030	Seminars/Training	10,000	500	9,500	95%	
622 - Outside Services Total:		185,000	113,331	71,669	39%	
640 - Insurance						
01-40-655000	Insurance - Fire, Liability, e	34,000	27,880	6,120	18%	
01-40-655010	Disability Insurance	2,000	1,679	321	16%	
640 - Insurance Total:		36,000	29,559	6,441	18%	

Budger Review Fiscal Year 2024, through November

		Current		Budget	Budget %	Adjustment
		Total Budget	YTD Activity	Remaining	Remaining	Suggestion
Depart: 40 - Transmission and Distribution						
650 - Misc						
01-40-622001	EQUIPMENT PURCH > \$2,500	-	24,980	(24,980)	0%	
01-40-650090	Permits	-	975	(975)	0%	
01-40-650099	Miscellaneous Fees	-	13,563	(13,563)	0%	
01-40-665000	Postage	-	77	(77)	0%	
01-40-699000	Miscellaneous	30,000	145	29,855	100%	
650 - Misc Total:		30,000	39,740	(9,740)	-32%	
Depart: 40 - Transmission and Distribution Surplus (Deficit):		2,385,000	1,057,211	1,327,789	56%	

466 - Custom Work will adjust at year end to match actuals

500 - Salaries & Benefits: Better metric calculations. Requires budget adjustment

01-40-699010 Tree removal was not planned. Requires budget adjustment

01-40-630035 Estimated garbage bill needs adjustment

01-40-630005 Janitorial services. Requires budget adjustment and journal adjustment

01-40-630010 Tree removal requires journal entry adjustment

01-40-630025 To reclassify as asset, requires journal entry adjustment

01-40-635099 To reclassify as asset, requires journal entry adjustment

650 - Misc To reclassify as asset, requires journal entry adjustment

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 50 - Customer Service						
500 - Salaries & Benefits						
01-50-500000	SALARIES - DIRECT	320,000	133,238	186,762	58%	
01-50-510000	SALARIES - OVERTIME	10,000	5,652	4,348	43%	
01-50-520010	DENTAL	5,000	1,929	3,071	61%	
01-50-520020	LIFE	1,000	450	550	55%	
01-50-520030	FICA (Employer)	25,000	11,935	13,065	52%	
01-50-520040	MEDICAL	65,000	28,823	36,177	56%	
01-50-520045	RETIREMENT	30,000	15,010	14,990	50%	
01-50-520050	VISION	2,000	586	1,414	71%	
01-50-520060	WORKER'S COMPENSATION	18,000	1,408	16,592	92%	
500 - Salaries & Benefits Total:		476,000	199,032	276,968	58%	
600 - Materials & Supplies						
01-50-601015	Meter Supplies	2,000	-	2,000	100%	
01-50-601030	Office Supplies	1,000	-	1,000	100%	
01-50-601035	Software	2,000	6,160	(4,160)	-208%	19,000
01-50-601060	Construction & Maint. Supplies	-	61	(61)	0%	
01-50-675040	Training	-	285	(285)	0%	
600 - Materials & Supplies Total:		5,000	6,506	(1,506)	-30%	
610 - Utilities						
01-50-611013	CELL PHONES	4,000	1,781	2,219	55%	
610 - Utilities Total:		4,000	1,781	2,219	55%	
622 - Outside Services						
01-50-630099	Miscellaneous Services	50,000	-	50,000	100%	
622 - Outside Services Total:		50,000	-	50,000	100%	
640 - Insurance						
01-50-655000	Insurance - Fire, Liability, e	12,000	2,919	9,081	76%	
01-50-655010	Disability Insurance	1,000	454	546	55%	
640 - Insurance Total:		13,000	3,373	9,627	74%	
650 - Misc						
01-50-699000	Miscellaneous	30,000	-	30,000	100%	
650 - Misc Total:		30,000	-	30,000	100%	
Depart: 50 - Customer Service Total:		578,000	210,691	367,309	64%	

01-50-601035 Software monthly subscription cost. Needs budget adjustment

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 60 - Administration						
500 - Salaries & Benefits						
01-60-500000	SALARIES - DIRECT	875,000	338,189	536,811	61%	
01-60-510000	SALARIES - OVERTIME	5,000	667	4,333	87%	
01-60-520010	DENTAL	9,000	3,246	5,754	64%	
01-60-520020	LIFE	2,000	563	1,437	72%	
01-60-520030	FICA (Employer)	70,000	29,263	40,737	58%	
01-60-520040	MEDICAL	140,000	48,144	91,856	66%	
01-60-520045	RETIREMENT	80,000	33,992	46,008	58%	
01-60-520050	VISION	3,000	876	2,124	71%	
01-60-520060	WORKER'S COMPENSATION	20,000	4,255	15,745	79%	
01-60-590000	UNEMPLOYMENT	7,000	2,852	4,148	59%	
500 - Salaries & Benefits Total:		1,211,000	462,048	748,952	62%	1,700,000
600 - Materials & Supplies						
01-60-601020	Janitorial Supplies	-	332	(332)	0%	
01-60-601030	Office Supplies	20,000	9,107	10,893	54%	
01-60-601035	Software	80,000	11,962	68,038	85%	
01-60-601040	Safety Supplies	10,000	79	9,921	99%	
01-60-622001	EQUIPMENT PURCH > \$2,500	2,000	14,689	(12,689)	-634%	
01-60-630023	Physicals-DMV & PreEmployment	-	510	(510)	0%	
01-60-665000	Postage	75,000	33,093	41,907	56%	
01-60-670050	Community Relations	10,000	5,851	4,149	41%	
01-60-675015	Meal Reimbursement	55,000	143	54,857	100%	
01-60-675020	Mileage/Auto Allowance	10,000	4,461	5,539	55%	
01-60-675040	Training	50,000	8,067	41,933	84%	
01-60-699010	Bldg & Grounds Maint. Expenses	25,000	5	24,995	100%	
600 - Materials & Supplies Total:		337,000	88,299	248,701	74%	
610 - Utilities						
01-60-610061	ELECTRIC	25,000	13,193	11,807	47%	
01-60-610062	NATURAL GAS	4,000	122	3,878	97%	
01-60-611013	CELL PHONES	8,000	2,972	5,028	63%	
01-60-611061	TELEPHONE	8,000	3,798	4,202	53%	
01-60-630037	Internet Services	10,000	3,406	6,594	66%	
610 - Utilities Total:		55,000	23,490	31,510	57%	
622 - Outside Services						
01-60-630005	JANITORIAL SERVICES	6,000	1,368	4,632	77%	
01-60-630010	Bldg & Grounds Maintenance	6,000	8,531	(2,531)	-42%	
01-60-630015	Building Security	1,000	1,305	(305)	-31%	
01-60-630025	Office Equipment Maintenance	120,000	39,071	80,929	67%	
01-60-630030	Equipment Rental	2,000	-	2,000	100%	
01-60-630035	GARBAGE	2,000	453	1,547	77%	
01-60-630050	Board Expense	15,000	2,310	12,690	85%	
01-60-630056	Telephone Answering Service	1,000	803	197	20%	3,000
01-60-630060	Uniforms	5,000	515	4,485	90%	
01-60-635010	Accounting	50,000	-	50,000	100%	
01-60-635030	Legal	200,000	69,932	130,068	65%	
01-60-635040	Administration Fee	1,000	-	1,000	100%	
01-60-635050	Flexible Bene & COBRA Plan Adm	10,000	1,165	8,835	88%	
01-60-635099	Miscellaneous Prof. Services	100,000	97,668	2,332	2%	
01-60-650040	Licenses	2,000	50	1,950	98%	
01-60-650050	Dues	10,000	4,377	5,623	56%	
01-60-650070	Memberships	40,000	12,688	27,312	68%	
01-60-650080	Subscriptions	-	48	(48)	0%	
622 - Outside Services Total:		571,000	240,284	330,716	58%	
640 - Insurance						
01-60-655000	Insurance - Fire, Liability, e	50,000	15,465	34,535	69%	
01-60-655010	Disability Insurance	7,000	1,444	5,556	79%	
640 - Insurance Total:		57,000	16,909	40,091	70%	
650 - Misc						
01-60-670000	Public Notices	4,000	84	3,916	98%	
01-60-675010	Conferences & Meetings	7,000	3,986	3,014	43%	

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 60 - Administration						
01-60-675030	Seminars/Training	-	72	(72)	0%	
01-60-699000	Miscellaneous	-	(13,981)	13,981	0%	
01-60-699031	Bank Charges	89,000	42,256	46,744	53%	
	650 - Misc Total:	100,000	32,417	67,583	68%	
675 - Prin & Interest						
01-60-680000	Interest Expense	-	44,867	(44,867)	0%	51,000
	675 - Prin & Interest Total:	-	44,867	(44,867)	0%	
	Depart: 60 - Administration Total:	2,331,000	908,315	1,422,685	61%	

500 - Salaries & Benefits: Requires budget adjustment

01-60-622001 Requires journal entry reclassification to ASSET

01-60-630056 Requires budget adjustment

01-60-635099 Requires journal entry reclassification to other account

01-60-680000 Requires budget adjustment

Budger Review Fiscal Year 2024, through November

		Current Total Budget	YTD Activity	Budget Remaining	Budget % Remaining	Adjustment Suggestion
Depart: 70 - Capital & Recovery						
600 - Materials & Supplies						
01-70-601099	Miscellaneous Supplies	-	7,279,001	(7,279,001)	0%	20,000,000
	600 - Materials & Supplies Total:	-	7,279,001	(7,279,001)	0%	
622 - Outside Services						
01-70-635020	Engineering	-	1,110,572	(1,110,572)	0%	2,050,000
01-70-635099	Miscellaneous Prof. Services	-	198,920	(198,920)	0%	360,000
	622 - Outside Services Total:	-	1,309,492	(1,309,492)	0%	
	Depart: 70 - Pipeline Total:	-	8,588,493	(8,588,493)	0%	
01-70-601099	Estimated remainder of work through rest of fiscal year. MISLR3 & Zone A					
01-70-635020	Estimated remainder of work through rest of fiscal year, Water Works					
01-70-635099	Estimated remainder of work through rest of fiscal year, APTIM					

Budger Review Fiscal Year 2024, Employee Costs

Department	Positions	Salaries	Retirement	Insurance	Taxes	Total Cost	Employee Count
ADMIN	Acct Tech	57,013	6,842	27,009	4,361	\$95,225	1
	Asst Dist Sec	69,615	8,354	27,011	5,326	\$110,305	1
	Asst District Manage	115,000	13,800	10,201	8,798	\$147,798	1
	Asst Engineer	133,765	16,052	27,017	10,233	\$187,066	1
	Customer Svc Rep	111,033	13,324	64,209	8,494	\$197,059	3
	Dist Engineer	120,266	14,432	27,015	9,200	\$170,913	1
	Dist Mgr	162,000	19,440	15	12,393	\$193,848	1
	Dist Secretary	104,774	12,573	10,200	8,015	\$135,562	1
	Finance Mgr	110,000	13,200	27,014	8,415	\$158,629	1
	Office Mgr	84,386	10,126	27,012	6,456	\$127,979	1
	Sr. Customer Svc Rep	39,351	4,722	20,384	3,010	\$67,467	1
	Utility Bill Tech	53,469	6,416	10,195	4,090	\$74,171	1
	Overtime	5,000	600	0	383	\$5,983	
ADMIN Total		1,165,670	139,880	277,282	89,174	\$1,672,007	
CS	Meter Sup	141,918	17,030	37,207	10,857	\$207,013	2
	Meter Svcperson	209,768	25,172	78,007	16,047	\$328,994	4
	Metershop Op. Mgr	77,334	9,280	27,035	5,916	\$119,566	1
	Utility Locator	92,206	11,065	54,045	7,054	\$164,370	2
	Overtime	10,000	1,200	1	765	\$11,966	
CS Total		531,227	63,747	196,296	40,639	\$831,909	
TD	Asst Sup	116,896	14,028	27,051	8,943	\$166,917	1
	Dist Maint Tech	65,853	7,902	27,031	5,038	\$105,824	1
	Dist Sys Operator	60,029	7,203	27,028	4,592	\$98,853	1
	District Super	111,675	13,401	10,236	8,543	\$143,855	1
	Mechanic	57,907	6,949	10,214	4,430	\$79,500	1
	Project Coordinator	46,664	5,600	27,008	3,570	\$82,841	1
	Temp Labor	203,216	24,386	135,102	15,546	\$378,250	5
	Utility Crew Lead	177,715	21,326	81,084	13,595	\$293,720	3
	Utility Sup	72,717	8,726	10,220	5,563	\$97,225	1
	Utility Wkr I	262,049	31,446	71,438	20,047	\$384,979	6
	Utility Wrk II	151,902	18,228	64,260	11,621	\$246,011	3
	Whse Person	70,824	8,499	20,409	5,418	\$105,150	1
	Overtime	10,000	1,200	4	765	\$11,969	
TD Total		1,407,447	168,894	511,084	107,670	\$2,195,094	
WTP	WTP Maint Mech	81,640	9,797	10,223	6,245	\$107,906	1
	WTP Op	402,418	48,290	94,932	30,785	\$576,425	5
	WTP Superintendent	106,974	12,837	10,234	8,184	\$138,228	1
	Overtime	70,000	8,400	28	5,355	\$83,783	
WTP Total		661,032	79,324	115,417	50,569	\$906,342	
Grand Total		3,765,376	451,845	1,100,080	288,051	\$5,605,352	

Customer Service Activity Report - November 2023

Service Requests

Service Types	Request Total
Account Management	665
Activate Water w/ Backflow	15
Backflow Maintenance	9
Construction Support	3
Disconnect	0
Field Customer Service	114
Field Maintenance	19
From Active to Ready-to-Serve	22
New Meter Order	0
No Water	15
Transfer Ownership	47
Water Quality	5
Grand Total	914

Increased from 507 service requests in November 2022

Phone Activity

Phone Activity	Nov. 2022	Nov. 2023	Trend
Average calls per day	22.56	38.00	Increased
Average abandoned per day	0.93	1.79	Increased
Average time abandon	1.26 minutes	.32 seconds	Decreased
Average time to handle	.21 seconds	.23 seconds	Increased

Payments Processed

Payment Method	Nov. 2022	Nov. 2023	Trend
Automated Phone System	90	106	Increased
Customer Service Team	702	840	Increased
Web Portal	556	472	Decreased
Total	1348	1418	Increased

Customer Service Activities

Nov - Dec , 2023

- **DropCountr Registrations**

- We currently have 720 users signed up for DropCountr.
- 28 new users in the last month

- **Vacancies**

- One vacant customer service position
- One vacant accounting technician position

- I would like to congratulate Erica Freimuth on her promotion to Meter Shop Operations Manager, and also congratulate Cierra Kirby on her promotion to Recovery Project Coordinator

- **Meter Seals**

- Meter shop staff are working through a list of approximately 650 accounts that are in the sealed status but may not have a physical bullet locking the meter. This is a cleanup/audit project and was low priority, but staff now has time with the addition of the meter advisor position. The project should be done by Spring 2024. To date we have completed 86 of these inquiries.

- **Billing**

- Billing continues to operate smoothly. Tracy has been successful in getting reads from Zenner and we feel things are going well.

PARADISE IRRIGATION DISTRICT

Community Outreach Overview
October 1 - November 30, 2023

Facebook

15 messages posted
PID messages seen 3,854 times (organic)

1,810 people follow PID Facebook page.

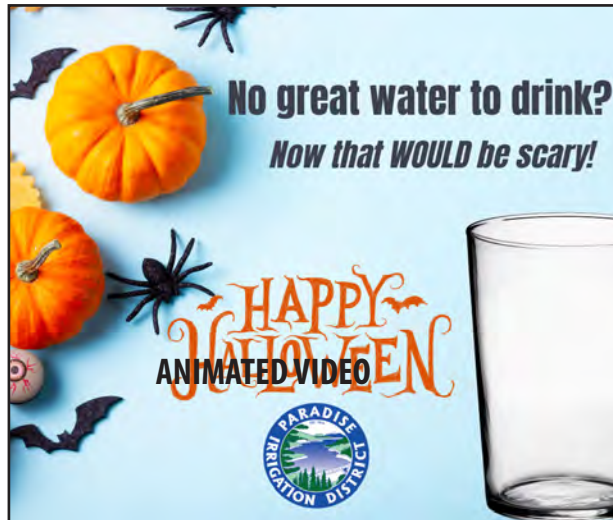
Demographics:

73.7% Women

26.3% men

35.4% ages 18-44

64.6% ages 45 - 65+





We got the message.

PARADISE IRRIGATION DISTRICT

We're happy to help our customers.

"I was helped by Kim and she was so super helpful. I really, really appreciate the details I got. I'm a Realtor and working with a buyer on a potential property sale and the information given was really, really helpful."

*Left on PID's answering system
Aug. 29, 2023*



Discover more about your water district.

BOARD MEETING Zoom or in person
WEDS., NOV. 15 5:30 PM

PID AT A GLANCE:

9,298

Total Customers

5,131

Active Service Rate Accounts

6,024

Properties with Cleared Water

As of October 26, 2023

**TRANSPARENCY
CERTIFICATE
OF
EXCELLENCE
TO
PARADISE
IRRIGATION
DISTRICT**

PARADISE IRRIGATION DISTRICT

CALIFORNIA ASSOCIATION OF
SPECIAL DISTRICTS

LEADERSHIP ACADEMY

AWARDED OCTOBER 2023



MOVING FORWARD WITH PID

5 YEARS
2018 – 2023

PID'S JOURNEY

RESTORING OUR COMMUNITY'S WATER

- Most-tested water system in nation: Nearly 300,000 tests. All water is clean and safe.
- 3,500 backflow devices installed.
- Installed 5,000+ meter boxes and meters.
- 105,695 linear feet of service laterals and lines installed.
- Attained financial stability through Fire Victims Trust settlement and grant management—with just half the number of active service accounts pre-fire and NO rate increases.
- Looking to the future: Two 15-million gallon reservoirs installed plus 6,000 feet of line to provide redundant water supply to upper Paradise.

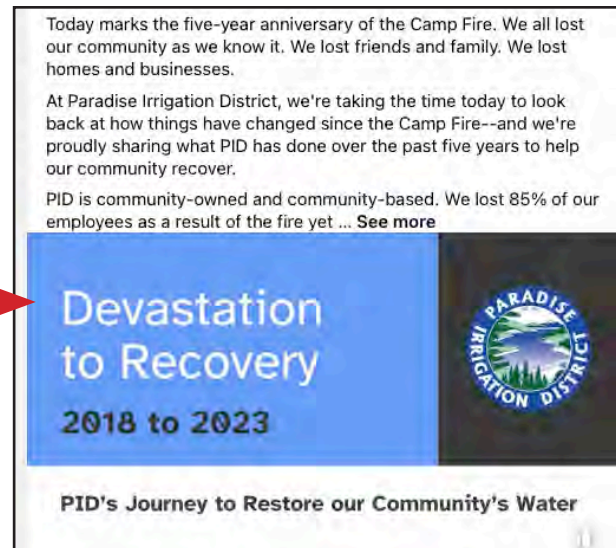
We're thankful

**FOR OUR CUSTOMERS, OUR
COMMUNITY AND OUR EMPLOYEES**

Office closed Nov. 23 & 24—but, as always, we're available 24/7 for water emergencies. Call 530/877-4971



Video:
Highest reach (with ad):
1,639 impressions
1,396 watched minimum of 3 seconds
Also on YouTube



Newsletter

Distributed with mailed PID invoices
 Available 24/7 at PIDWater.com website
 November/December issue



**STAFF REPORT
FIELD OPERATIONS
November 2023**

TRANSMISSION & DISTRIBUTION

DAILY OPERATIONS

- Our crews have been taking care of leaks, emergencies, and maintenance issues.
- 24 scheduled main line and service line leaks were repaired this month.
- Call Center received 84 after hour calls.
- Standby received 28 calls.
- 13 emergency calls due to contractors.
- 1309 Completed USA tickets.
- 328 Backflows were tested.
- There were 4 Infrastructure Damage Reports filed.

SERVICE LINE REPLACEMENT / WATER REQUEST

- 14 Meter and Backflow devices were installed.
- 29 Fire Flow tests were performed.
- 10 Service lines were replaced.

CUSTOMER REIMBURSEMENT JOBS (by work order)

- 1 Cash Job has been completed.
 - One service was relocated on Twin Ln.

OVERVIEW

- Continued efforts are being made with RCI and WWE to keep MISLER #3 project running smoothly and efficiently.
- We are continuing to work on our vehicle replacement program, including surplus of vehicles. We currently have two vehicles at Bid Cal.
- Zone A Project is going well, we are continuing to work with WWE, T&S, and Blaine on that project.
- Continued coordination with Meyers on the Reservoir B project.
- We are working with West Valley on the beginning phases of the Mains Replacement Project.
- Coordinating with the Town of Paradise with their Paving Project.
- Emergency main break on the 8" cross country main at 6650 Pentz.
- Commercial meter replacement is nearing completion.

SUMMARY

We currently have two vehicles at Bid Cal. We have a 2011 Ford F-450 Service Truck and a 2001 Ford F-450 Valve Truck. The auction will take place on December 11th, 2023.

On 11/27/23 at approximately 1130 I received a call about an emergency leak at 6650 Pentz. Our crews worked well into the night and determined that there was a pre-existing gouge in the pipe that had cracked, allowing a large amount of water to escape. They had to cut in a piece of C-900 approximately 4' long.

We have been working on replacing all of our large meters in the system. We have completed 8 replacements of 3" and 4" meters. We still have three more to complete but have had scheduling and installation issues. The remaining meters will be postponed until summer of 2024 when school is out of session.

MAINTENANCE PROJECTS

- Continued efforts are being made to coordinate work schedules and bids with contractors regarding:
 - Digital Sign Board
 - Both rental buildings on Clark Rd
 - New Roof and Gutters for the Admin Office.
 - Fixing and improving the lighting in the parking lots of the Admin Building and at the Corp Yard.
- Preparation for winter at the admin office and the Corp yard.
- Vegetation management on various PID properties around town.
- Has been moving office furniture from the Admin Building to storage.
- General yard maintenance at Corp Yard and Admin Office.

DISTRIBUTION SYSTEM OPERATOR PROJECTS

- Tank site maintenance, including vegetation management.
- Working with a contractor on removing all hazardous trees from C, D, and E tanks. This project has been completed.
- Flushing dead end mains.
- The DSO is now responsible for the flow tests for the district and will take this over full time next month.
- Continuing to assist and support the field crews.
- Continued efforts are being made with Meyers and Sons and the Treatment Plant Operators on the Reservoir B project. Such as continuing to spread base rock, filling the tanks, raising and lowering the water levels.
- Working with WWE and Blaine to locate buried Valve Cans around the district and raise the lids to current grade.

STAFF REPORT
WATER TREATMENT PLANT
November 2023

WATER TREATMENT

- Production at the District's treatment plant for the month of November varied between 2.1 and 3.4 mgd, with the average day being 2.8 mgd.

- Compared to:

	<u>pre-fire Nov. 2017</u>	<u>Nov. 2020</u>	<u>Nov. 2021</u>	<u>Nov. 2022</u>
Low	2.4	2.4	1.6	1.5
High	4.0	4.6	2.2	3.7
Avg.	2.9	3.1	3.1	2.8

- Completed required monthly reporting to Department of Drinking Water and Regional Water Control Board.
- Del Oro water delivery concluded early November.
- Continued additional sample plan for NPDES permit.

Treatment Plant

- T&S construction continues work for new pump station.
- The remaining original blower motor has been replaced with spare; the original has been sent out to be rebuilt.

MAGALIA/PARADISE DAMS

- Monthly monitoring of piezometers at Magalia and Paradise dams were performed.
- Annual surveys performed

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.

November 2023, WATER QUALITY

- Average daily production: 2.8 mgd
- Average effluent turbidity: 0.03 ntu
- Average raw water turbidity: 0.90 ntu

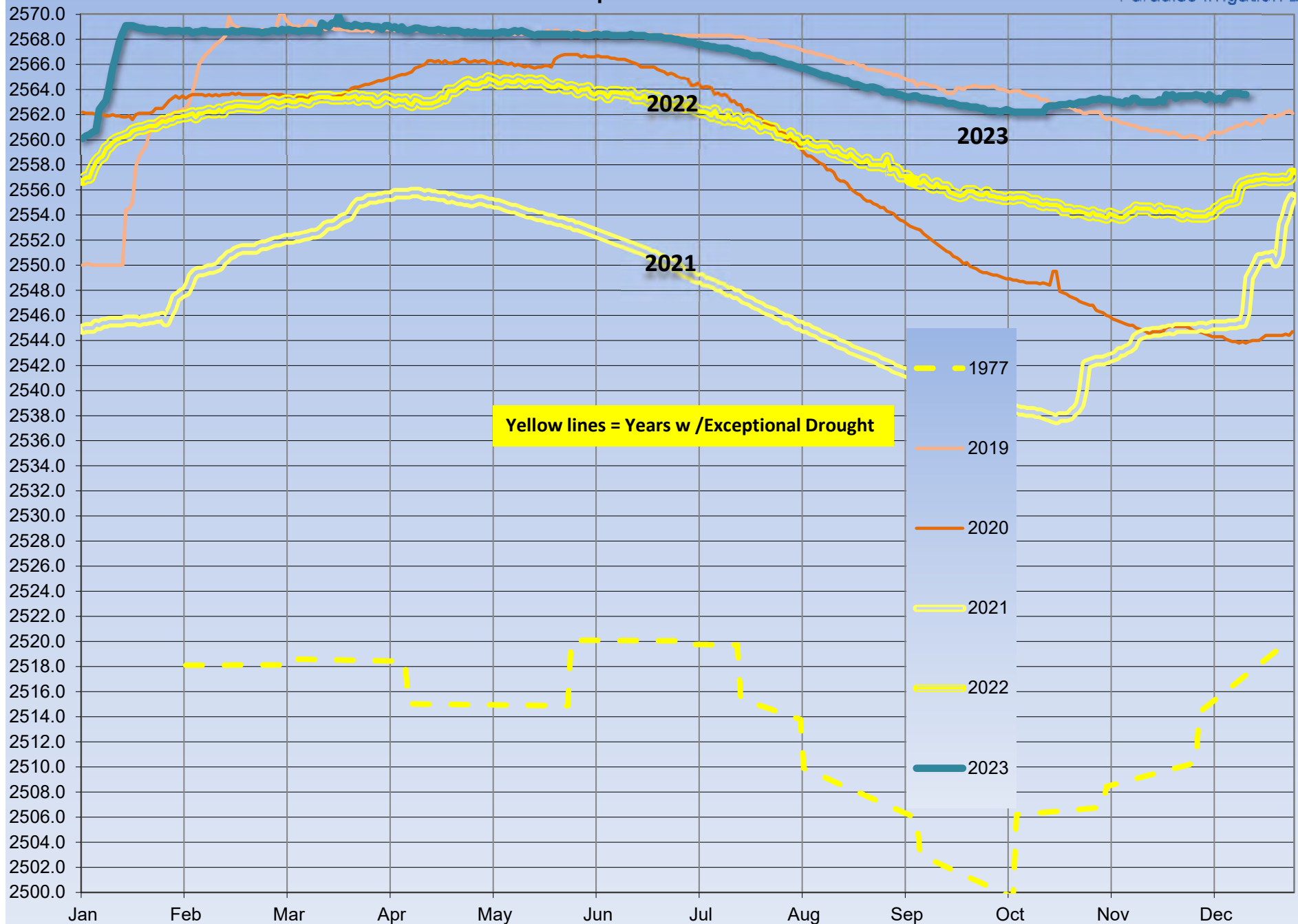
Water Levels (as of 11/30/2023)

- Magalia Reservoir 2195.2'
- Paradise Lake -4.9' -14.2' same day in 2022
- Percentage of Water in Storage 88%+ of Total Available

- Rainfall for 2023/2024 rainfall year:

▪ October	Magalia Res. 0.84"	Paradise Lake 1.03"
▪ November	3.47"	4.02"
▪ December		
▪ January		
▪ February		
▪ March		
▪ April		
▪ May		
▪ June		
▪ July		
▪ August		
▪ September		
Total for 2023/2024 Rain Year	4.31"	5.05"
Average Rainfall	64.00"	65.20"

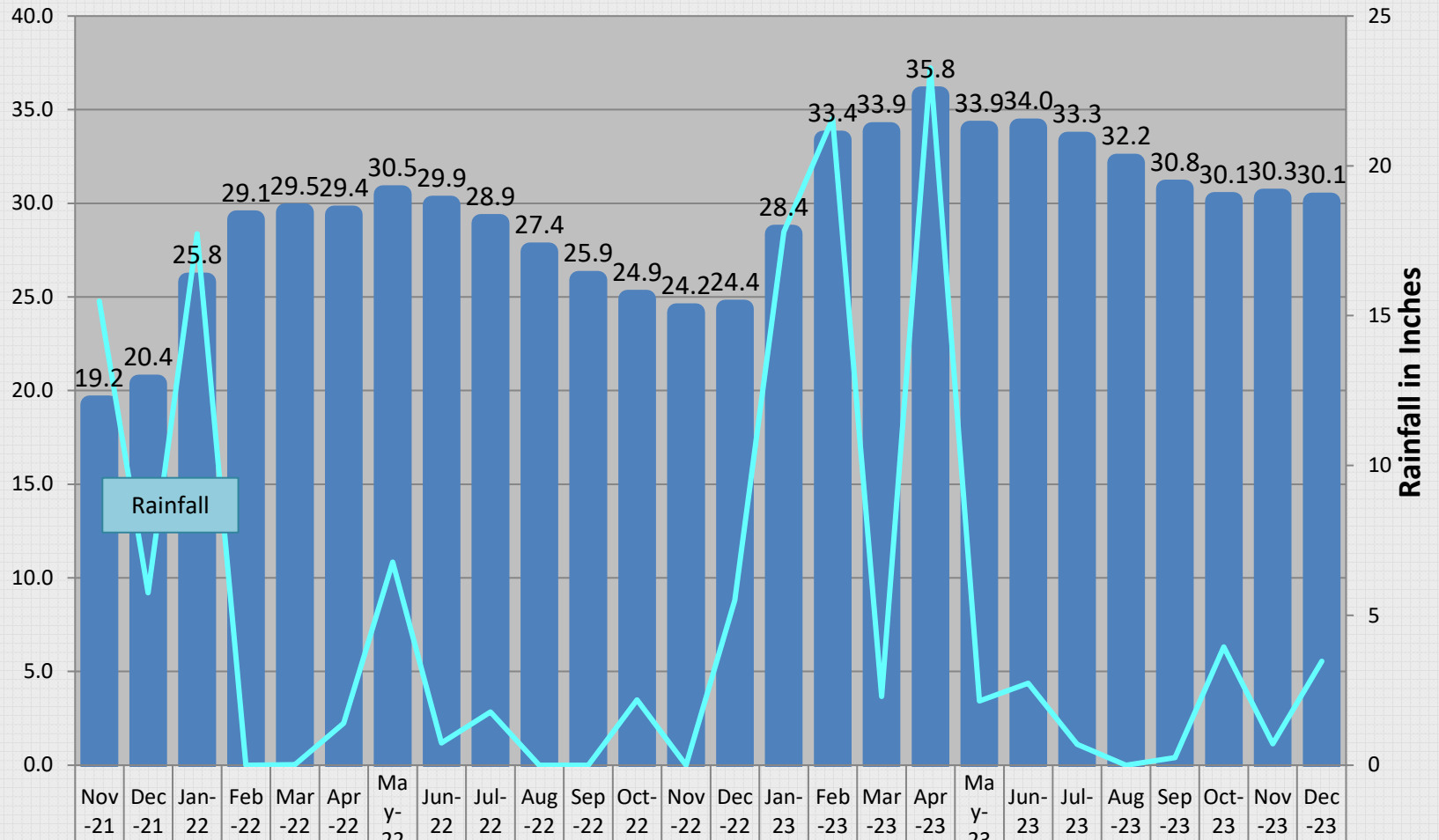
Paradise Lake Elevation
Updated 12/13/2023
Spill = 2568.1



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



months remaining	19.2	20.4	25.8	29.1	29.5	29.4	30.5	29.9	28.9	27.4	25.9	24.9	24.2	24.4	28.4	33.4	33.9	35.8	33.9	34.0	33.3	32.2	30.8	30.1	30.3	30.1
Rainfall	15.5	5.75	17.7	0	0.02	1.4	6.78	0.74	1.77	0	0	2.18	0	5.51	17.8	21.6	2.29	23.3	2.14	2.73	0.69	0	0.25	3.95	0.71	3.47

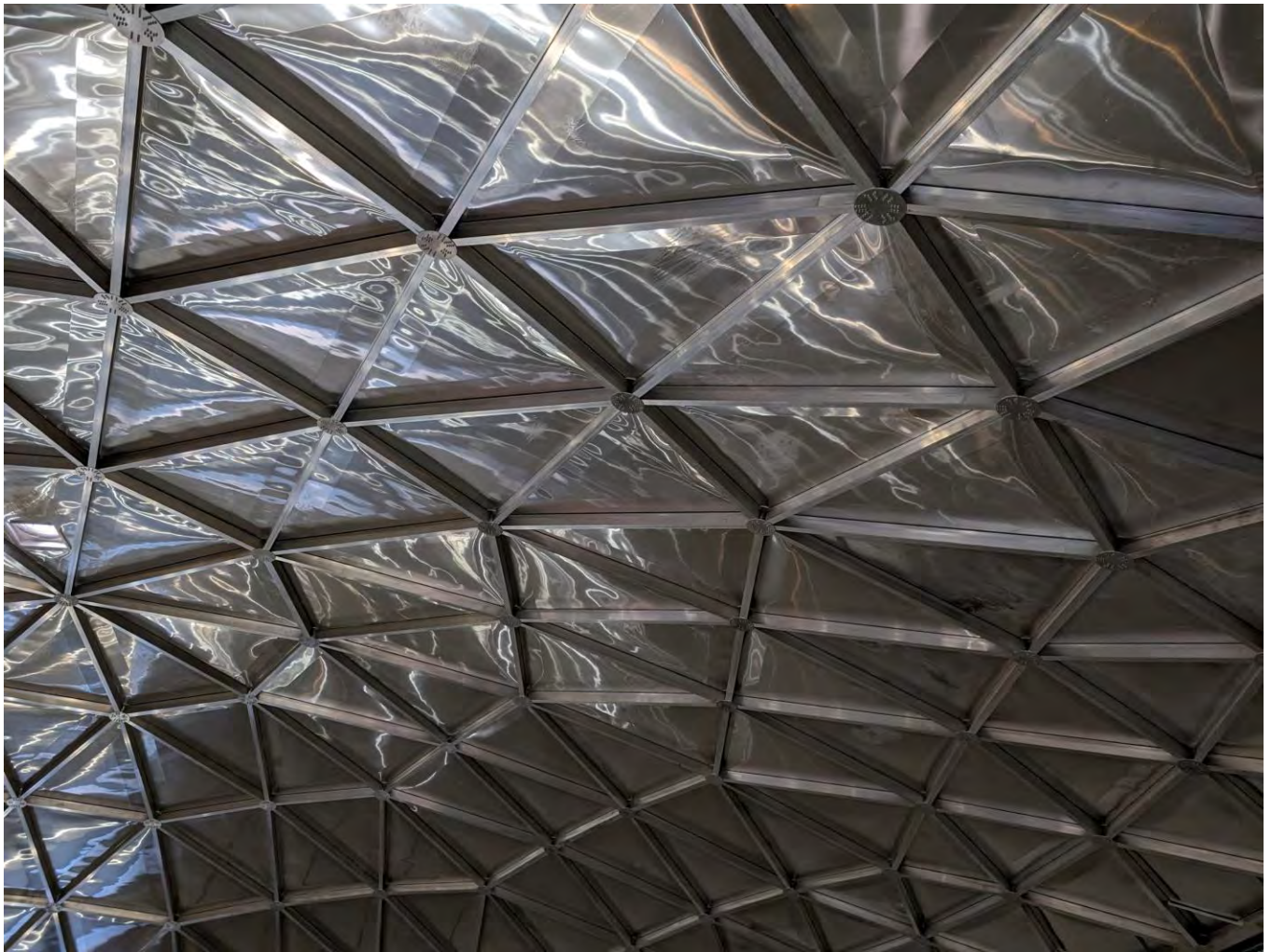
12-12-23

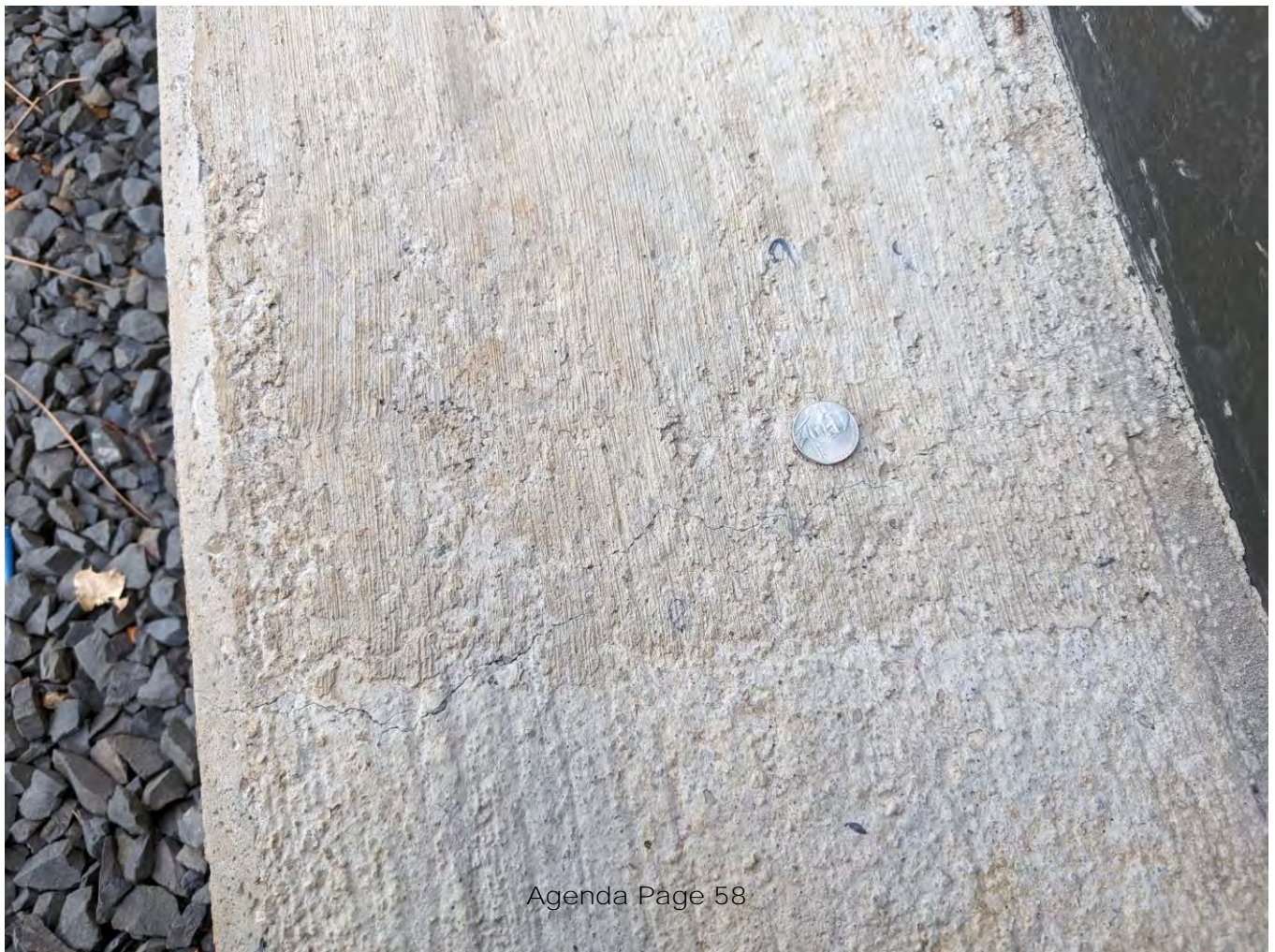
District Engineering Department Update for the Board of Directors

1. Working with customers and providing estimates to provide new water meter services to multiple locations throughout town.
2. Coordinated with Water Works on MISLR 3 and other projects. MISLR 2 has come to an end and is in the final stages of closing out the project.
3. Working with Slate Geotechnical Consultants for Magalia Dam 100% design. The Design has continued after meeting with FEMA, however any further required borings are on hold until FEMA has finished their review. Working on funding through BRIC 2023.
4. Zone A pipeline is progressing nicely, they are currently working at the treatment plant on the excavation work for the new pump house. Pump cans should be arriving and getting prepared to be installed.
5. Monthly water reporting is continuously being completed.
6. Working on the Annual AWWA audit.
7. Working on new required yearly audits.
8. Working with the Town of Paradise as they complete the 2023 Off-system road paving that is to be completed in 2024, RCI is working on installing laterals before the paving begins.
9. RES B project has moved forward, Tank 2 has passed the leak test and is now in service. Tank 1 should be online and in service by the time of the board meeting.
10. Notice to proceed has been issued to West Valley for the Mains project. Due to supply chain issues this project is not projected to begin until early next year.
11. MISLR phase 3 work has completed the installations of backflow only sites and is now completing service laterals with 4 crews.
12. Reviewing new housing being built on Cypress Ln. This includes determining the number of meters needing to be added or upgraded. This construction will also incorporate a new pipeline being installed by the contractor and the replacement of one of our mains in the Mains Phase 1 project.
13. Paradise and Magalia Dam monument survey completed with Genterra.











Collaboration Report

Blaine Allen, Paradise Irrigation District

Marc Mattox, Town of Paradise

Common Mission

- We serve the same community.
- Infrastructure and service delivery in critical recovery
- Success in coordination amongst water main, service lateral replacements and roadway paving benefits everyone.



Project Coordination Process





Our water. Our future.

Paradise Irrigation District

Water Main Replacements

- Complete
 - Almond Street
 - Black Olive Dr.
- Planned
 - 5.4 Miles to be completed by December 1, 2025



Service Lateral Replacements

- Complete
 - 2023 Paving Year (93 Laterals to be completed by February 2024; 814 already completed)
- Planned
 - 2024 Paving Year (918 Laterals to be completed by September 2024; 1105 already completed)
 - 2025 Paving Year (2020 Laterals to be completed by September 2025)



Fire Hydrants Work

- Complete
 - 2023 Paving Year (12 replaced/raised for Almond/Gap Project)
- Planned
 - 2024-2025 (10 new hydrant locations, 9 wharf heads upgraded, 26 reinstallations in Mains Replacement project)

Information Sharing

- Monthly meetings between TOP Engineering, Building and PID
 - Agency updates
 - Project updates
 - Policy issues
- As needed emails/meetings for follow-up action items
- Formal project notifications
- All-Utilities Meetings



Town of Paradise
Public Works Department
5555 Skyway
Paradise, CA 95969
(530) 872-6291

September 11, 2023

PROJECT NOTIFICATION MEMO No. 3

Town of Paradise 2024 Paving Plan

To: Utility Owner(s)

- ☒ Paradise Irrigation District
- ☐ Comcast
- ☐ AT&T
- ☐ Pacific Gas & Electric
- ☐ Other: Butte County Public Works

Background

As a result of the 2018 Camp Fire, the Town of Paradise has secured funding to rehabilitate roadway damages along all publicly owned and maintained roadways. Concurrently, significant utility projects are being constructed underground through 2025.

The Town's paving plans, designated by the construction year, will reflect the progress of each utility provider's utility installation in each road segment and PG&E 'BR' project area. As segments of utilities are completed, the Town of Paradise will identify road rehabilitation projects for the subsequent construction year. These will be identified as soon as possible, using each utility companies' report on progress and construction completion to inform the Town's paving project limits and schedule. The goal of the paving plan and collaboration is to maximize efficiency, partnership, and remain good stewards of precious public funds and community impacts by reducing excavations into recently improved roadways. This includes an emphasis on paving roads where underground utilities are already installed, and once paved, not impacting paved roads with additional underground utility construction.

Coordination

The Town of Paradise Public Works/Engineering staff have created a paving plan for the 2024 roadway repaving based on input from each utility company. Starting in June 2023, the Town of Paradise 2024 Paving Plan was created based on the completion, or estimated completion, of utility undergrounding in each roadway. Utility company feedback was provided multiple times through coordination meetings, files, spreadsheets and maps, and the Town has utilized this information provided by each utility company to identify the 2024 Paving Plan scope and limits. The plan has been provided to the utility companies at each stage of development, to coordinate utility construction and schedule with the Town Paving limits and schedule, well in advance of the project commencement. As of September 2023, all utility providers have agreed that underground work within this project area will be complete prior to March 31, 2024 for On-System and May 31, 2024 for Off-System roads (either by their own, or other workforce). The Town has made adjustments to reflect the feedback from each utility and is ready to deliver the Town of Paradise 2024 Paving projects as two roadway rehabilitation projects, as further described below.

Town of Paradise 2023 Paving Projects

1. Project Details – On-System (Town/Public Roads, Federal Aid)

Project No. 7301.3 CON

Project Name: On-System Road Rehabilitation - 2024

Project Limits: Billie Road, Roe Road, Wagstaff Road, Foster Road, Elliott Road, Cliff Drive, Valley View Drive, Central Park Drive and Maxwell Drive (Vicinity Map Attached) – 7.7 Miles

Schedule (7301.3 CON)

January 2024	Anticipated Award of Construction Contract, Town Council
February 2024	Estimated Contract Execution
April 2024	Estimated Construction Start
August 2024	Estimated Construction Completion

Undergrounding & Utility Clearance Progress

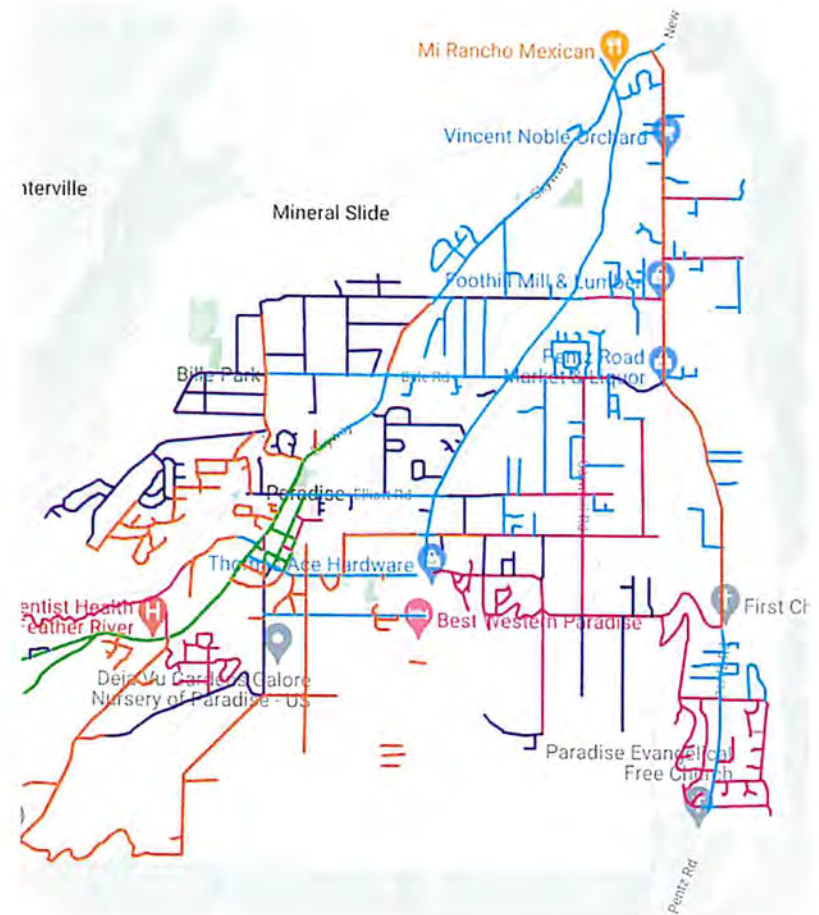
December 2023



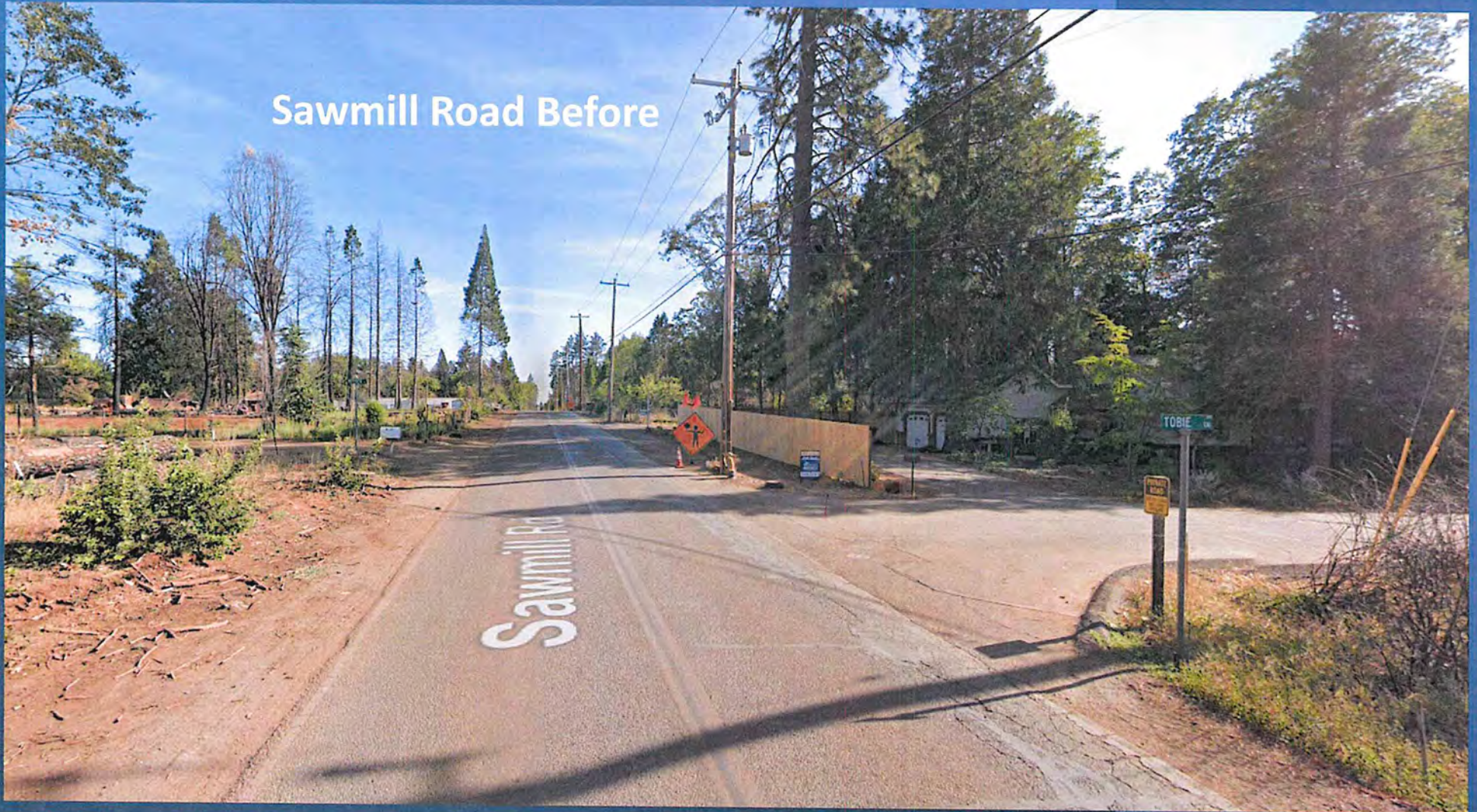
Utility	Previous Report May 2023	This Report December 2023
PG&E	60%	70%
Cable	33%	48%
Telecommunications	30%	38%
Water	20%	25%

Developing a Plan to Pave Paradise

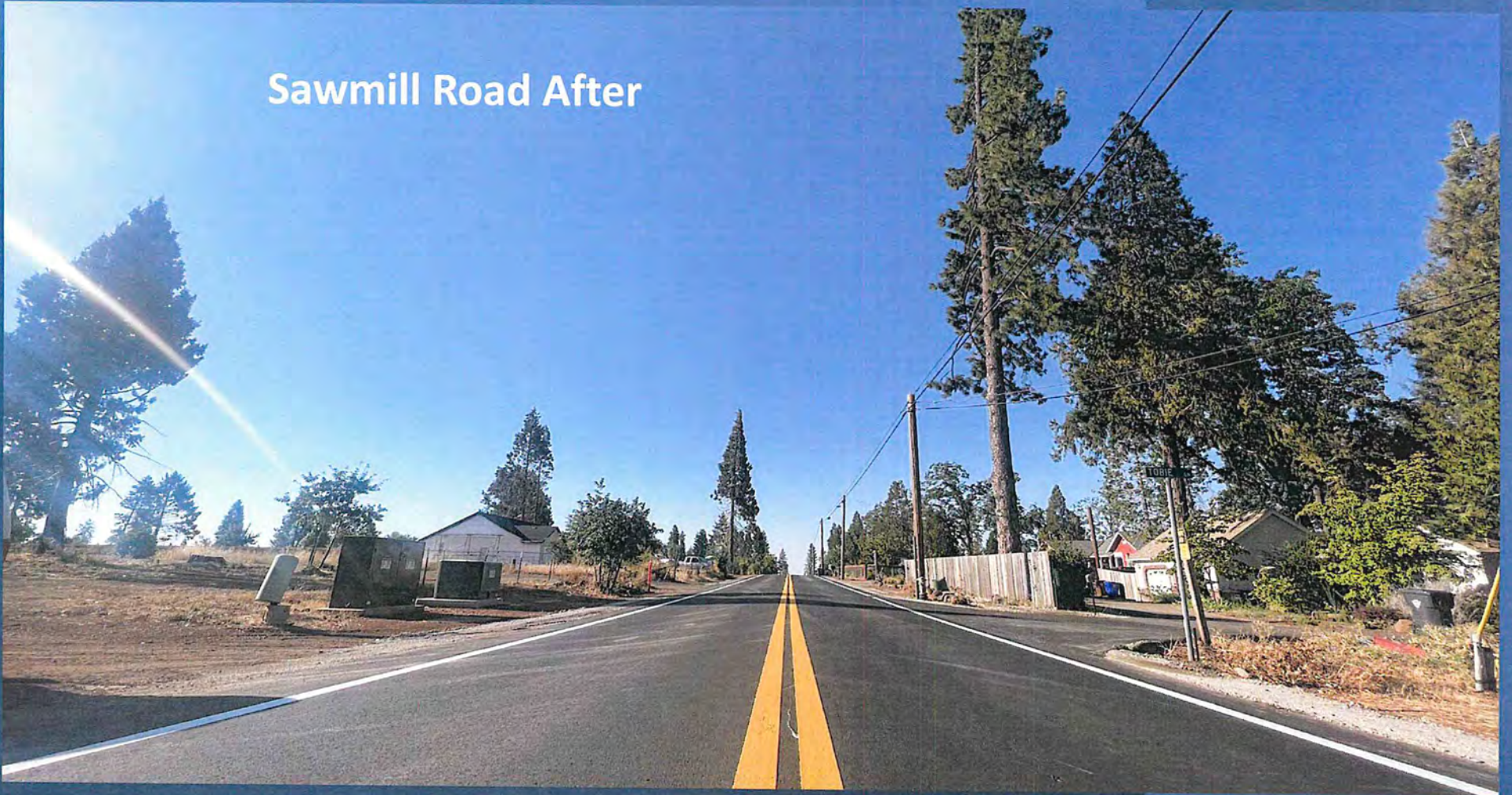
- Evaluate work complete by others
- Exclude PID main replacement projects
- Coordinate with PID on lateral replacements
- Develop a timeline for completion in 2026
- Develop and publish a plan for comment
- Refine the plan based on utility comments
- Deliver projects on the heels of PID lateral crews




Sawmill Road Before



Sawmill Road After





2022	9 miles	✓
2023	12 miles	✓
2024	20 miles	
2025	25 miles	
2026	25 miles	

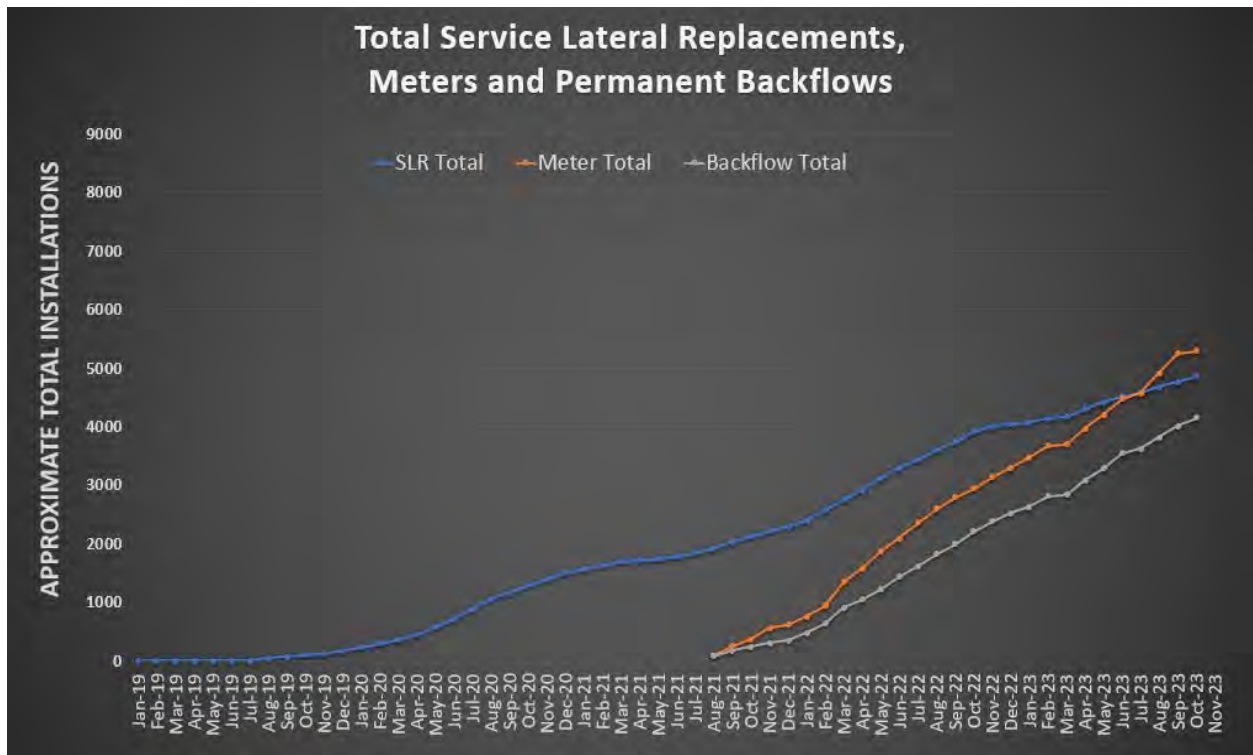
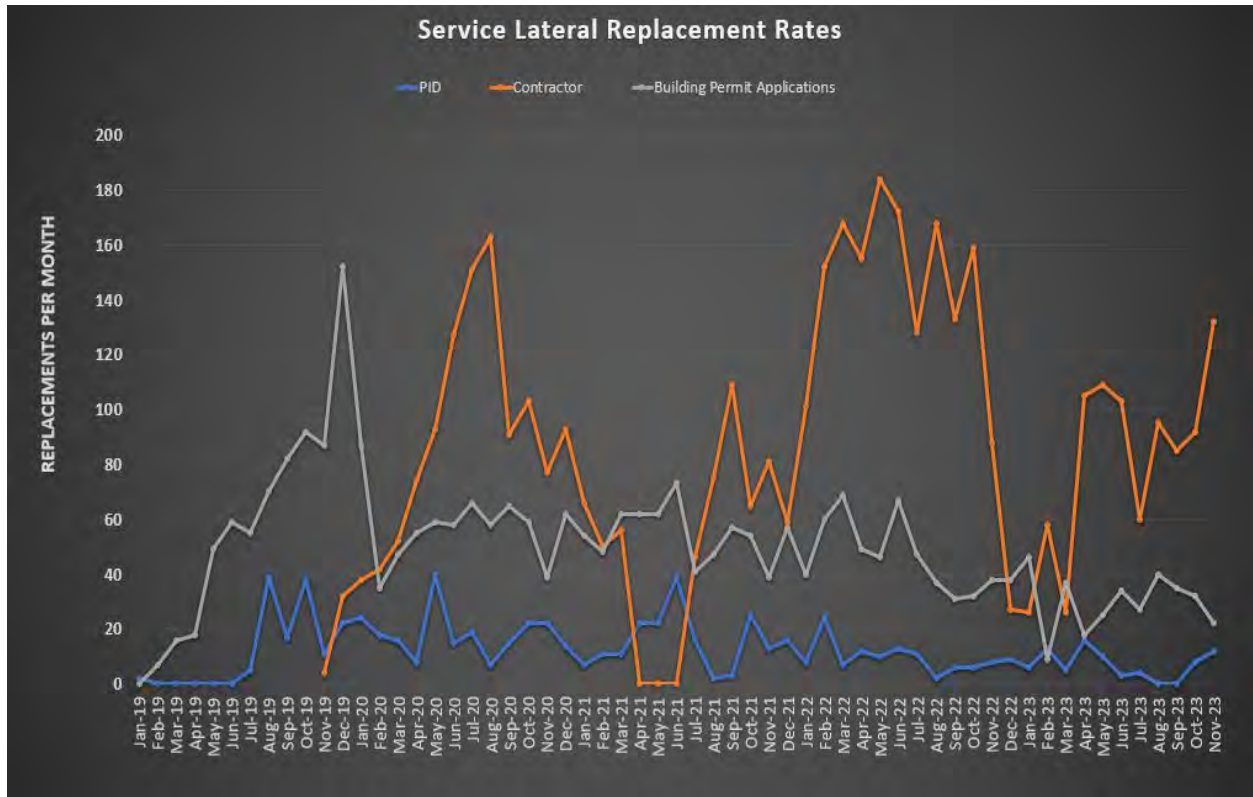
Water Supply Recovery Program Update

Meter Installation and Service Lateral Replacement Program



- In November the MISLR 3 Project installed:
 - 121 service laterals,
 - 118 meters
 - and 46 backflows
- Focus will remain on 2024 paving priorities for the Town of Paradise project to stay ahead of their work.
- Additional priority installations to support building permits and urgent requests for water.
- New permit applications at the Town of Paradise fell to 22/month in November.
- Contractor staffing has been adjusted for ongoing work on MISLR 3 with a 4th crew added. One crew is dedicated to priority and building permit installations.

Water Supply Recovery Program Update



Water Supply Recovery Program Update

Main Replacement Project

- Change Orders 1 and 2 finalized.
- Submittal review continues.
- On-site work anticipated to begin in March/April 2024.

Henson Road Culvert Replacement

- Scope and cost in development for survey and design to replace according to grant funding requirements.

Reservoir B Replacement Project

- The construction portion of the project is complete!
 - The tanks passed their second leak test following the epoxy crack repair.
 - The bacteriological samples came back non-detect.
 - Both tanks are online as of the week of 12/11/2023
- The final project close-out tasks are in progress.
 - Final Functional Acceptance Testing witnessed site visit scheduled for 12/14/2023.
 - As-built documents have been requested from the contractor.
 - Final payment requests and Certified Payroll reports are being submitted to PID this month.



Zone A Pump Station and Transmission Main Project

- Pump cans have been delivered to the site and are being set.
- Pump station foundation, including slurry fill below structure footing, and construction of the pump station structure, piping, etc. are underway.

Water Supply Recovery Program Update



Figure 1: Left Photo - Pump Can Slab in Slurry Backfill



Right Photo: Pump Cans Stored Onsite

Program Management Budget

- Work continues to be on-budget through the end of 2023.
- Proposed contract amendment for services in 2024 and 2025 is on a separate item in the Board Agenda.



DECEMBER 20, 2023

Post-Fire Recovery Update

FEMA Public Assistance (PA) – DR-4407 (Camp Fire Major Disaster 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 as well as the replacement 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 and recent developments include:

- **Financial Dashboard Development** – We are working on a new method to provide recovery dashboards within existing software until a new platform can be adopted.
- **FEMA BRIC grant for Magalia Dam Construction** – The BRIC NOI was successfully submitted Friday, August 18. We received an initial list of critiques and suggestions for updates from CalOES. We completed and submitted the 2023 BRIC application to CalOES on December 13, 2023. CalOES will review and if there are any questions or clarifications, they will follow up with RFI's before the BRIC application is submitted to FEMA.
- **Discussions with Butte County for Magalia Dam Construction** – We are exploring other avenues with Butte County.
- **CDBG-DR Subapplications** – The subagreement has been reviewed and is pending finalization. PID staff and APTIM are meeting with the Town of Paradise this week to discuss the project and budget selected.
- **Pending Reimbursement Requests** – We are continuously working with CalOES reviewers to clarify documentation and finalize costs on multiple projects. CalOES has begun review of the first reimbursement request for PW 333.
- **Quarterly Reporting and HMGP Reimbursement Requests** – After the new year we will begin compiling the PA and HMGP Quarterly Reports and HMGP Reimbursement Requests.



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

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

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.

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.

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 has reassigned this to Water Works, and the RFP was issued for the design of the project.

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.

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. APTIM's Meera Narayanan-Pandit is continuing to work with PID staff in reconciling the project to date.

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.

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.

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.

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. 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. Sutton issues appear to be resolved and we will file for reimbursement as soon as final payment is processed.



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
Requested:	\$ 1,246,504.13
Received:	\$ 841,390.35
Pending:	\$ 4,694,486.25

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.

This grant was just awarded in September 2022, for a new generator at the WTP, plus pipeline and pump station upgrades for Zone A. This is also known as the ZAPS Project. PID staff are working to

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:	\$ 1,617,416.23
PID Share:	\$ 909,761.35
Requested:	\$ 519,445.22
Received:	\$ 350,625.52
Remaining:	\$ 1,266,790.71

The study phase of this grant was completed in early 2022. PID has received an extension to the period of performance and requested a budget increase approval from FEMA. We've been informed that the available bucket of funding is smaller but that PID may request the full amount remaining, and have revised our request to do

Expect the Extraordinary.



so. The design contract was approved, so that design may be accomplished in time to apply for the 2023 BRIC funding cycle.

CalOES has asked that coring sample work be stopped at the request of FEMA. Call scheduled with FEMA and CalOES on July 13th to discuss path forward.

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 added cost of rock removal at Reservoir B. We met with Bow Reilly at DWSRF, who confirmed that additional funding is available and can be requested to cover cost increases. [Working with Brett to compile the Reimbursement Request for B Tanks.](#)

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. As of 7/5/23, Requested CDBG Project Descriptions have been provided to the Town. [The subagreement has been reviewed and is pending finalization. PID staff and APTIM are meeting with the Town of Paradise Wednesday morning to discuss the project and budget selected.](#)

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, so our current plan is to submit for next year's cycle (NOI window expected in Aug-Sep 2023). We are also seeking additional funding sources to reduce our requested cost share on BRIC, thus making us more competitive. CalOES mitigation staff provided guidance on options to pursue BRIC funding. Initial feedback from the meeting is the allocation this year is anticipated to be significantly lower than last year and will be more competitive

Expect the Extraordinary.



to obtain. The BRC NOI was submitted Friday 8/18. We completed and submitted the 2023 BRIC application to CalOES on December 13, 2023. CalOES will review and if there are any questions or clarifications, they will follow up with RFI's before the BRIC application is submitted to FEMA.



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: December 12, 2023

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Approval Strategic Plan Development Consultant

The PID Board wishes to refresh its current strategic plan. Attached is a proposal for your consideration from Rauch Communications Consultants Inc., a highly recommended strategic plan consultant.

The recommended form of motion would be:

"I move to authorize the District Manager to enter into agreement with Rauch Communication Consultants Inc. for strategic planning consultation for a cost not-to-exceed \$30,000."

Dynamic Public Outreach, Smart Strategic Planning*For local governments, special districts, and the engineering, environmental and law firms that support them.***DATE:** December 12, 2023**PAGES:** 16**TO:** Mickey Rich, Assistant District Manager**FROM:** Martin Rauch**RE:** Strategic Plan Proposal

This document responds to your request for a proposal to assist Paradise Irrigation District (PID) with the development of a Strategic Plan.

Using proprietary techniques that have been honed through the successful development of strategic plans over nearly 50 years, Rauch Communication Consultants (RCC) will assist the district to consider where it stands today, evaluate past achievements, address future challenges, consider new opportunities, and provide the direction that will allow it to proceed confidently into the future.

This proposed process would include the development of a completely updated strategic plan, including mission, vision, values, goals, and objectives. There will be a practical and doable work plan to carry it out, and a monitoring and oversight process. The process will also help to clarify and enhance Board and Manager roles and relationships and improve their effectiveness as a team.

Ready to Hit the Ground Running

Here's why PID would be well served by Rauch Communication Consultants (RCC):

- In-Depth Strategic Planning Experience, across hundreds of planning workshops and decades of strategic plans.
- Regional and Statewide Experience We have worked with many districts in northern California and across the state for decades.
- We Know Special Districts; virtually all our clients are special districts. We understand the finance, governance, operations, facilities, administration, and the issues faced by districts.
- Organizational and Governance Experts. We have worked with over 225 Special Districts over the years. We are faculty for the California Special District Leadership Academy and teach regularly at statewide conferences on planning and governance issues.
- Practical and Accountable Implementation Plans that provide useful and actionable guidance.
- Get-To-The-Point Approach. We have refined our approach to get maximum results quickly. We know you are busy, and we make every minute count.

Please contact me if you have additional questions or would like to discuss this proposal further.

Regards,



Martin Rauch, Senior Consultant

Project Understanding

Our understanding from discussions with staff is that the District is well-run with a well-functioning board. The single largest issue is recovery from the Camp Fire which destroyed virtually the entire town of Paradise in 2018. Since then, the community has made a remarkable recovery with about half of its customers having rebuilt and returned. Despite the relatively rapid rebuilding, the District revenue remains about 30% or 40% below normal, and the District is relying on settlement funding to balance the budget. The District is currently following a plan from 2020, but with the rapid changes and the passage of time, an update is needed.

Even though elements of the existing strategic plan remain current, we believe it is important for the board and staff to take a fresh look at the issues, challenges, and opportunities facing them. A facilitated Strategic Plan will be beneficial, even necessary, to proactively navigate current and upcoming challenges and to identify opportunities that can be taken advantage of. In addition, Strategic Planning is a best practice that can further elevate the overall performance of PID.

The Outcomes and Benefits Of Our Proposed Strategic Planning Process

Excellent Introduction for Newer Board Members and to Build Consensus Around Priorities for the Entire Board. Our workshops provide an ideal opportunity for both newer and longstanding directors to be exposed to all the key issues facing the district and to engage deeply with their fellow directors and management team in-depth on important strategic issues.

Help the District to Act Decisively and Proactively on Key Issues. In an era of rapid changes and ongoing challenges, strategic planning makes it possible to deal with all the key challenges proactively and in priority order. Strategic planning provides an organized method for evaluating major programs, resolving challenges, and setting priorities in a way that is far more effective and comprehensive than in regular Board meetings or workshops.

Strengthen the appropriate role and authority of staff to implement policy direction at the same time, the Board strengthens its policymaking role. The strategic planning process reinforces and strengthens both the Board's ability to set clear policy direction and the staff's authority and flexibility to carry it out.

Frees the Manager or Board President from Facilitating Their Own Workshop. Professional facilitation allows the entire management team and Board to participate fully in the workshop. It also brings an outside perspective that can be helpful. The facilitator can also share and help integrate experiences gathered from many other Districts with similar issues and challenges.

Approach to Strategic Planning

Rauch Communication Consultants proposes to use a step-by-step, proven approach to strategic planning that has been adapted to meet the needs of PID. It may be modified following step 1 to further customize it to meet the specific needs of the district and the situation.

1. COORDINATION, RESEARCH, INTERVIEWS, AND PLANNING.

1A. Kickoff, Review Relevant Documents, Interviews, and Planning. The purpose of the initial kickoff conference call is to clarify expectations, participants, process, documents to review, desired outcomes, and any other open issues.

Initial analysis. This stage initiates analysis that depending on the situation and may include the equivalent of a needs assessment, gap analysis, SWOT, and TOWS analysis, etc., that will be carried out explicitly or implicitly throughout the process.

Confidential Interviews (by phone or Zoom). Experience has shown that one of the best tools for gaining early insight into key issues facing an organization at the start of a strategic planning process is one-on-one confidential interviews with key individuals. The confidential interview process gives the people who have the greatest influence on the organization a chance to candidly express their interests, concerns, and perspectives. Interviews provide the following benefits:

- Introduces the facilitator to the key participants, which helps the facilitator plan how to facilitate the specific involved players most effectively.
- Provides an arena for the facilitator to gather any sensitive information that people may feel uncomfortable bringing to the table. This allows the facilitator to ensure that all key issues are dealt with.
- Helps the interviewees to start thinking about strengths, weaknesses, opportunities, threats, and their own goals and priorities.

We are proposing to interview the five Board members, the District Manager, Assistant District manager, Engineer, Finance Director, Board Secretary, Field Superintendent, and Treatment Superintendent (12 total).

2. WORKSHOPS TO GATHER INSIGHT REGARDING CRITICAL ISSUES AND PRIORITIES.

Following the steps above, the consultant will have a much deeper understanding of the District, Board, staff, community, and others. With the knowledge at hand, the consultant will determine if changes in the approach described here are recommended.

2A. Board Workshop #1 (onsite, in-person). The strategic planning workshops are the heart of the process. Our workshops are designed to engage all the participants, ensure everyone's perspective is voiced and heard, and obtain consensus on key issues rapidly and effectively. The workshop takes inputs from the interviews and research phase and uses a set of proprietary, facilitated small and larger group exercises designed to provide the equivalent of a needs analysis, SWOT, and gap analysis as well as the background understanding needed to set clear policy direction. Each workshop is custom-designed to meet the needs of the group. Below are examples of the types of topics likely to be covered:

- Expectations. Each participant will be asked to share their expectations for what results they want the process to achieve. We will check to ensure the expectations are met before the end of the process.
- Self-Assessment: Rating the District Today. To chart a path to the future, the District will need to identify where it stands today: what is working what is not working optimally, and how various aspects of the District are viewed by each participant.
- Identifying Strengths, Weaknesses, Opportunities, and Threats. Identifying the significant current and future issues that can impact the organization and the most promising opportunities to deal with those threats or make improvements.
- Identifying the Highest Priority Issues. The group discusses and identifies the most critical challenges or opportunities that the District must tackle if it is going to accomplish its mission.
- Developing Strategic Issues Areas. With the facilitator's assistance, the group will take all the information above and organize it into an initial set of strategic issue areas and priorities. These strategic issues will later be translated into goals and objectives. Workshop #1 normally runs from morning until roughly mid-afternoon or so.

Note: *These will be Brown Act meetings, and the public is welcome. If members of the public attend, our recommendation is to provide them an opportunity to comment or ask questions at the beginning, middle and end, thereby reserving the core workshop for the Board and management team and encouraging them to engage in the public workshop and survey, and during the final review meeting.*

2B. Board Workshop #2 (onsite, in-person).

Before the workshop, the consultant will take detailed inputs from the interviews, the first workshop, and any public (survey and/or public workshop) and develop an initial list of candidate goals and objectives, which are reviewed and refined with staff in advance. Each workshop is custom-designed to meet the needs of the group. Below are examples of the types of topics likely to be covered:

- Review and edit, as desired, the board-level policy direction in their Goals and Objectives. This is the core policy-level direction that will be acted upon by staff and is a critical step in the strategic planning process.
- Prepare a brief description that captures the core strategy embedded in the Plan, the highest priority, and any new areas of strategic focus. After being immersed in discussion and pages of details, this exercise gives the participants the opportunity to sharpen and deepen their shared understanding of the Plan in a summarized way that can be remembered without reference to notes and be held in one's mind.
- Evaluate and Consider Mission, Vision, and Values. Through a series of exercises, the consultant will work with the participants to review the current Mission, Vision, and Values Statement. While rarely, if ever, updated, it is appropriate to review and consider potential refinements to the Mission statement. We would also use this time to review and consider changes to the Vision statement and values statement. We especially

recommend the development of a Vision statement as being a helpful addition to a strategic planning process.

3. IMPLEMENTATION PLANNING AND ‘REALITY CHECK’

3A. Develop a Three- to Five-Year Implementation Plan (Tactics), Budget, and Staffing. In order to properly evaluate the feasibility of the plan and later implement it, it is necessary to develop an implementation plan. In other words, what initiatives or work must be implemented to achieve the goals, objectives, and priorities and the expected outcomes? The level of detail varies by organization, but there should be enough to make it possible to reality check the plan and determine if the plan is doable in terms of monetary resources (budget), staff time and expertise, as well as sequencing. The detail also helps provide accountability. If any of the Board’s goals, objectives, or priorities are not doable with current resources, it can then be brought to their attention so the board can consider adjustments to the plan or acquire additional resources (resource development).

This is primarily a staff-driven process. It should include the engagement of the management team or key senior staff.

4. DEVELOP A MONITORING AND OVERSIGHT PLAN, PREPARE A PLAN FOR PRESENTATION TO THE BOARD, MAKE ANY FINAL EDITS AND FINALIZE

The final plan will be clear, practical, usable, and organized in a way that it can be readily understood, reported on, and monitored.

4A. Monitoring, Oversight Plan, and Communication Plan. The consultant will work with staff to document a process for reporting on the Plan, communicating to the public, and for performance measurement, board oversight, and monitoring of progress. This would include when and how the Plan will be updated and rolled forward so that there is always a multi-year guide to the future.

4B. Present to Board, Finalize and Approve (Remote, online). The consultant will present the final plan to the Board and public via Zoom workshop. If there are any final comments, changes, or questions, the consultant will make final refinements, proof the document, and produce a final, approved copy. If the District would like the presentation to be in person, travel time will be added.

DELIVERABLES

The final Strategic Plan would include the mission, vision, values, goals, and objectives with outcomes and measures for a few key objectives. In addition, the plan would summarize the current and expected challenges and opportunities facing the District identified in the process. There would be a practical and usable implementation plan (tactics), including timing and someone named responsible for each strategic initiative, as well as a plan for monitoring and oversight by the Staff and the Board. The entire document would be written clearly, include professional graphic design, flow in a logical order, and integrate the findings, goals, and objectives in a seamless, easy-to-follow manner.

Project Cost

We propose to complete the core strategic plan for a consulting cost of \$29,940 plus expenses.

PID STRATEGIC PLAN PROPOSAL	Senior Consultant	Assoc. Consultant	Project Mgr	Main Subtotal
	\$275	\$90	\$80	
Hours	22	10	3	35
1A. Kickoff, Review Relevant Documents, Interviews, and Planning (12 Interviews).	\$6,050	\$900	\$240	\$7,190
Hours	36	12	1	49
2A. Board Workshop #1 (Onsite, In-Person). (includes transcribing notes, organizing notes and integrating into draft plan)	\$9,900	\$1,080	\$80	\$11,060
Hours	18	5	1	24
2B. Board Workshop #2. (includes transcribing notes, organizing notes and integrating into draft plan)	\$4,950	\$450	\$80	\$5,480
Hours	6	0	0	6
3A. Develop 3- to 5-Year Implementation Plan, Budget, Staffing (Tactics). Support staff development of the implementation plan.	\$1,650	\$0	\$0	\$1,650
Hours	4	0	0	4
4A. Monitoring, Oversight Plan and Communication Plan	\$1,100	\$0	\$0	\$1,100
Hours	10	7	1	0
4B. Present to Board and Public, Finalize and Approve. (Remote, online) (Including final writing, editing, etc.)	\$2,750	\$630	\$80	\$3,460
SUBTOTAL HOURS	96	34	6	136
SUBTOTAL AND TOTAL DOLLARS	\$26,400	\$3,060	\$480	\$29,940

Cost Estimate Details. No out-of-scope work will be undertaken without prior written approval from the Client. Out-of-scope work includes new tasks or extra work not due to inefficiencies on our part on existing tasks, which is requested for reasons beyond RCC's control.

Our Rates. The consulting rate for the senior consultant is \$275/hr. Associate consultants are \$90 to \$115/hr. The graphic designer and webmaster rate is \$105/hr. Social media and writing specialist's rates are \$45 to \$90/hr. The rate for the Project Manager is \$80/hr.

Travel and Expenses Additional. Basic material expenses, including, travel expenses (transportation, meals, and lodging), office printing, and sales tax, are additional and passed on at cost. Car mileage is at the IRS California rate at the time or the actual rental car cost plus fuel.

Our Team

MARTIN RAUCH, Primary Consultant, Rauch Communication Consultants

Martin Rauch is President of Rauch Communications Consultants, a full-service strategic planning and public outreach firm with a main office near San Jose California

He brings to this task extensive experience in group dynamics, developing consensus, Strategic planning, and facilitation. Martin conducts strategic planning sessions for the Boards and senior managers of client organizations. He also provides training in effective Board meetings, roles and relationships of Board members and managers, and other related topics. He specializes in the preparation and facilitation of a wide variety of meetings. These complex events include focus groups, citizen's advisory committees, community presentations and public meetings.

Working out of RCC's San Jose Office, Martin also assists the Board of Directors and senior managers by tailoring public information projects that meet the special requirements of each client.

Mr. Rauch has served as a speaker and seminar leader for the Association of California Water Agencies (ACWA), California Association of Sanitary Agencies (CASA), California Special Districts Association (CSDA) and others. He was a regular faculty member of the Special District Institute, is a regular speaker for CSDA, and is on the Board of the Special District Leadership Foundation.

Mr. Rauch is the principal author of the CSDA Special District Leadership Foundation certificate course on Strategic Planning and the Governance Foundations course.

Prior to his work for public agencies, he served for years as a community organizer and educator for nonprofit organizations, organizing community groups and producing educational and information materials. He holds a Bachelor of Arts degree with High Honors from the University of California at Santa Barbara. Martin's formal training also includes completion of Business Mediation Training at UC Berkeley, as well as courses in Facilitating and Mediating Effective Agreements. Martin is a certified Balanced Scorecard Professional (BSP) from the Strategy Management Group and The George Washington University College of Professional Studies.

LYNDA BOYD, Project Manager, Rauch Communications Consultants, Staff

Lynda manages production of documents, coordinating the writing, printing, and mailing of materials, setting up schedules, and coordinating project team activities and interviews to keep projects moving smoothly and on schedule. Lynda has extensive experience mapping and developing accurate and cost-effective mail lists.

AMANDA GREEN, Consulting Support, Research and Writing, *affiliate (contractor)*

Amanda assists with the facilitation of virtual meetings by utilizing our special online whiteboarding software. She also transcribes and organizes notes from interviews, surveys, and workshops and writes and helps prepare strategic planning reports. Amanda has worked on most RCC strategic planning projects for special Districts in the past four or five years as well as public engagement programs. With a Master's Degree in Public Administration from Harvard University School of Government and 10 years' experience, Amanda provides a range of support as an assistant during large and complex meetings, researching, planning, and writing.

Qualifications

What Our Clients are Saying About our Qualifications

"Two things surprised me when Martin led our Board members through strategic planning: The first was that he was an incredibly quick study in understanding the issues and the nuances of working through them. The second was how he got our Board to open up and freely discuss the issues. Not only was I surprised at how much he got them to talk and share, but the Board members were surprised at how like-minded they were at the end of the process." Arvin Edison WSD

"Thanks for your guidance in helping the Board members make decisions that resulted in a healthy working, and successful atmosphere in our District...We have a Board and Management team who get along and support each other. Again, thank you for your capable knowledge and assistance..." Cordova Recreation and Park

"Our board was having a tough time communicating between ourselves, and unable to communicate with staff. The workshop you put together for us has given us a clear vision and made all the difference in the world." Three Valleys Municipal Water District

"Thanks for your assistance with this long overdue process. Great workshop outcome. It went a long way to provide the current Board camaraderie and trust." San Diego County Water District

"It was one of the most productive series of meetings of this kind I have participated in professionally." Cucamonga County Water District

"Over the years, I have done many, many strategic plans, and this one was impressive for how efficient the process was, and it got to the point in a practical and useful way. Too often, strategic plans just get put on a shelf until next year. This one has checkpoints and useful targets and tasks regularly thru next year." Director Novato Sanitary District

"Though your skilled mentoring and carefully executed annual planning sessions . . . this District has been able to rise from the depths of public unrest to a position of public trust. . . So much of what we have accomplished is credited to the tools that you have given us along the way." San Juan Water District

"On behalf of the Board of Directors and staff of the California Special Districts Association, I wanted to take a moment to thank you for the wonderful job you did at our 2007 Board Planning Session. You did your homework; found the common denominator, and provided the Board and my executive staff with a positive outlook for the future of CSDA...We were all impressed and came away with a sense of positive change for the Association." California Special Districts Association

"This strategic plan was impressive for how efficient the process was, and how it got to the point in a practical and useful way."

Novato Sanitary District

"It was one of the most productive series of meetings of this kind I have participated in professionally."

Cucamonga County Water District

"Rauch Communication Consultants has been working with our board of directors and management team for the past ten years. They have facilitated annual strategic planning workshops that have helped us keep everyone focused on the critical priorities of our district. With RCC's help, we have learned to address the major long-term issues and develop effective action plans to deal with them. It has really made a difference!"

Truckee Donner Public Utility District

"...a glowing recommendation for your ability to prepare a Strategic Plan."

Squaw Valley Public Utilities District

"Two things surprised me when Martin led our Board members through strategic planning: The first was that he was an incredibly quick study in understanding the issues and the nuances of working through them. The second was how he got our Board to open up and freely discuss the issues. Not only was I surprised at how much he got them to talk and share, but the Board members were surprised at how like-minded they were at the end of the process."

Arvin Edison Water Storage District

"RCC has helped us develop our strategic plan and updates for several years. The community meeting was particularly successful. Over 70 people attended, and thanks to excellent facilitation, there was active participation. The meeting brought a great sense of community to the process and helped unite the Board around the public consensus."

Montara Water and Sanitary District

You were always looking ahead, working to solve problems before they occurred. You were also willing to challenge project decisions when you thought we were going in the wrong direction. You gave us insight into people and used a bulletproof process to track all the details and complicated interactions between the project team, policymakers, and the public..."

Meredith Husted Sacramento Regional County Sanitation District

Throughout the project, your guidance and counsel were insightful and invaluable. Your years of experience working with water industry clients on public information and strategic planning efforts were clearly evident. In addition, your project management skills and ability to juggle multiple deliverables at once is commendable.

South Coast Water District

Selected Examples of Experience

EXPERIENCE WITH FACILITATION AND STRATEGIC PLANNING

We work nearly exclusively with special districts in California, and strategic planning is one of our core services. We have worked with Boards, staffs, and communities for nearly 50 years on a daily basis. It is all we do. Further, most of our clients work with water and/or wastewater. Here are just a small number of the many examples of our experience.

Association of California Water Agencies, Strategic Plan. ACWA is the oldest and largest statewide organization of water agencies in California, with a membership consisting of public agencies along with numerous engineering, legal, and financial organizations. Rauch Communication Consultants planned and conducted its Vision 2000 strategic planning process, which resulted in a significant alteration of the organization's structure and direction. The new plan was developed with a comprehensive outreach program to the membership involving numerous coordination meetings and is today considered a complete success.

California Special Districts Association, Strategic Plan. Rauch Communications was called in to assist this major statewide organization in preparing a Strategic Plan. The plan was received enthusiastically by both the Board and Staff and implemented.

Santa Clara Valley Water District. This agency provides water supply and flood control services for a major portion of Silicon Valley. With an annual budget running in the hundreds of millions of dollars, it impacts numerous aspects of the economic, residential, and environmental aspects of life in the area. Rauch Communication Consultants conducted the initial strategic planning workshops of the Board of Directors and senior management, which defined the future direction of the district.

Golden Empire Transit District Restore Management Credibility and Rebuild Staff Morale. Rauch Communication Consultants worked closely with the Board and management staff of this Bakersfield agency to analyze district issues and concerns and then prepare a set of findings and recommendations to revitalize the agency, restore management credibility, and rebuild staff morale and effectiveness.

Joshua Basin Water District Strategic Plan and Manager Performance Evaluation. The Board had been unhappy with its General Manager and was internally divided and unable to provide clear direction to the Manager. We worked with the Board and management to develop a strategic plan and an oversight and evaluation process for the Manager. Over time, the Board and new management set a clear new direction and moved forward.

Desert Healthcare District Governance Improvements and Board / Manager Roles and Relationship Improvements. Mr. Rauch has worked closely with the Board and CEO to improve Board governance and clarify and improve Board / CEO roles and relationship issues. This has been undertaken through several workshops, policy updates, and training.

San Mateo County Harbor District. This District lacked Board consensus and included some divisive Board issues that have required skilled facilitating to navigate. The project included extensive interviews among stakeholders and two community forums that were advertised in a variety of local newspapers through signs, posters, and email announcements.

San Joaquin River Exchange Contractors Water Association. We helped them develop two strategic plans that tackle the very complex issues facing the Contractors. This helped them

manage the 2011-2016 drought more effectively than many of their other agricultural neighbors. We also facilitated the resolution of several complex issues that had challenged the members for many years.

Kern County Water Agency. This agency supplies all the imported water in Kern County, an agricultural area with a rapidly growing urban center. The Agency imports over one million acre feet of water per year. Rauch Communication Consultants planned and conducted the development of its strategic plan, working closely with the Board, senior management, numerous member districts as well as a major city and the county. Over 57 different agencies and key individuals were interviewed along the way. The plan was unanimously adopted.

Las Virgenes Municipal Water District. Worked with the Board and staff to annually update and incrementally restructure the existing strategic plan as well as facilitate the annual development of updated action plans. Las Virgenes Municipal Water District provides both water and wastewater services, with wastewater issues predominating in the planning process: expanding recycled water use, maintaining a strong environmental focus, meeting NPDES and discharge challenges, and more.

National Water Resources Association, Strategic Plan. This Washington-based national organization brings information about federal policy to its membership and provides lobbying before Congress on their behalf. Rauch Communication Consultants planned and conducted the process leading to the development of their strategic plan.

San Diego County Water Authority Water Storage Plan. Facilitated monthly discussion meetings with over 20 water agencies and the Water Authority in developing a countywide water storage plan. Relationships among the players were difficult initially, but we successfully reached a consensus on a plan.

Castaic Lake Water Agency. This agency's plan, covering the whole of a rapidly developing area in Los Angeles County, involves the development of a multi-phase resources plan. The Agency is a large water importer serving the area. Rauch Communication Consultants conducted the annual strategic planning retreats of the Board of Directors.

Arvin Edison Water Storage District. This large and successful agricultural District is well known for its complex, sophisticated, and wide-ranging, In-lieu, banking, exchange, and other water management programs that involve upwards of 400,000 acre-feet of water per year in some years. Despite their successes, as a result of strategic planning, they made a substantial structural reorganization, committing their General Manager 100% full time to only focusing on developing long-term future water supplies in response to perceived long-term threats. The rest of the management team was reconfigured to accommodate the changes.

Novato Sanitary District. This agency had aging treatment facilities under regulatory mandates to make upgrades to the collection system with significant capacity and I&I problems. The consultant helped the District develop a strategy for a major upgrade of its collection system, a complete rebuild of its treatment plant, and a transition to operating the treatment under contract to a private corporation under intense public scrutiny. RCC also facilitated the development of a formal strategic plan and an update several years later. The organization currently enjoys extremely high service quality, low rates, and customer satisfaction.

Costa Mesa Sanitary District. Worked closely with the Board of Directors and staff to create an initial strategic plan and annual updates. The most recent strategic plan led to a series of dramatic changes in direction that took several years to complete.

Rancho Murieta Community Services District. Worked closely with the Board of Directors and staff to create a new mission statement, vision, objectives, goals, and set of action items as part of the complete Strategic Plan for this Community Services District that provides sanitary, water, security, roads, and other services.

EXPERIENCE HELPING DISTRICTS RESOLVE COMPLEX CHALLENGES

Friant Water Authority Organizational Redesign and Strategic Plan. The Authority delivers about one million acre-feet of water each year. RCC worked with this large Board of 23 and staff that were divided into many camps and subgroups and became nearly paralyzed with dissension. The workshop was complex, with as many as 50 or 75 people participating (directors, managers, agency staff, attorneys, etc.) Members were threatening to leave the organization, and about half of them eventually did. We helped them to rebuild the group from the ground up with a new governance structure, helped them to plan and organize to hire a new CEO, and developed a strategic plan. The organization is now flourishing and all of the members have returned.

San Luis Delta Mendota Water Authority Strategic Plan, Change Cost Allocation, and Hire New CEO. The strategic planning process included four workshops for the large Board of over 20 members, as well as review, comment, and approval of portions of the plan at several Board meetings. **Special Cost Allocation Process.** One important side topic taken up was how Authority costs are allocated to its members. Because of the complexity and importance of this issue, an ad hoc Activity Budget Cost Allocation Group was formed to explore the issue and recommend changes to the Board. The consultant worked with staff to plan and facilitate four meetings of the ad hoc group, which developed several changes that were later approved by the Board. These changes spread costs more equitably across the membership and provided more clarity about costs. **Executive Director Recruitment.** The strategic planning process was scheduled to kick off in spring 2018. However, the resignation of the then Interim Executive Director and / General Counsel moved the Board to start by focusing on recruiting a new Executive Director. The first workshop was completed in time to provide information to support the recruitment process. The consultant supported the hiring of an executive recruitment firm by helping the Authority develop a list of possible firms, draft the request for proposals, interview recruiters, develop an initial list of potential candidates for the recruiter, and edit the recruitment brochure to reflect the organization's vision and the position's requirements.

RCC facilitated a second strategic planning process four years later.

EXPERIENCE IN BRINGING TOGETHER PARTIES TOGETHER:

Rauch Communication Consultants is skilled at bringing together parties with different interests and perspectives, working with them to resolve difficult situations, and assisting in the resolution of conflicts. Some examples of our experience follow:

- **Three Valleys Water District Regional Water Supply Plan.** Assisted agency to begin building consensus on regional conjunctive use plan with numerous member agencies. Involves, strategizing, planning, communicating, and facilitating both internally with the Board and externally with member agencies and the press.

- **Cambria Citizens Committee Leading to Majority Election on Key Issue.** Facilitated a lengthy series of public meetings of a committee of 25 stakeholders on a contentious community issue that had previously resulted in election losses for the local water agency. Developed consensus on the project and provided supportive outreach for which the District won a majority election victory.
- **Conjunctive Use Working Group.** Worked with dozens of water agencies and stakeholders about the use of vacant storage space in the Central and West Coast Basin of Los Angeles County. They did not reach full agreement but identified many potential joint projects that have been used over time. Funded by the State Department of Water Resources.
- **Monterey Regional Water Pollution Control Agency and Marina Water District.** Helped to resolve issues surrounding a joint project to develop a recycled water marketing distribution program, along with related issues. Several workshops were conducted with representatives from both Boards, legal counsels, and general managers.
- **San Diego County Water Authority Water Storage Plan.** Facilitated monthly discussion meetings with over 20 water agencies and the Water Authority in developing a countywide water storage plan. Relationships among the players were difficult initially, but we successfully reached a consensus on a plan.
- **Big Bear Municipal Water District and San Bernardino Valley Municipal Water District Legal Dispute.** Facilitated a solution to a long-simmering water dispute following years of court fights in a single Board-to-Board meeting.

EXPERIENCED TRAINER

- **(1991 to 2011). Special District Board Management Institute.** Mr. Rauch served as a regular speaker at the Institute certificate program from about 1992 to 2011. During much of that time, he was part of the leadership team that developed the curriculum and recruited speakers.
- **(2013 to Now). Special District Leadership Foundation.** Mr. Rauch is a regular speaker for CSDA and is on the Board of the Special District Leadership Foundation. He is the principal author of the Special District Leadership Foundation certificate course on Setting Direction (strategic planning), as well as Governance Foundations.
- **1992-2021. Regular Presenter at Statewide Association Conferences.** Mr. Rauch has been invited as a speaker to other statewide associations over the years.

Partial Client List Showing Our Special District and Local Government Experience

ASSOCIATIONS, JPAs, STATE, FEDERAL AND OTHERS

Association of California Water Agencies (ACWA)
California Special Districts Association (CSDA)
California Association of Sanitation Agencies (CASA)
California Department of Water Resources
Special Districts Institute
California Sanitation Risk Management Board
California Association of Public Cemeteries
Friant Water Management Board
WaterReuse Association
California Mosquito and Vector Control Association
American Desalting Association
Association of Groundwater Agencies
San Luis Delta-Mendota Water Management Board
San Joaquin River Exchange Contractors Water Management Board
North Bay Water Reuse Management Board
Faculty Association of Community Colleges
National Water Resource Association
Water Education Foundation
Pacific Coast Association of Port Authorities

Sewer Management Board Mid-Coastside
Mission Research Corporation
Stone Creek Company
Suburban Water Systems
Boyle Engineering
Dokken Engineering
EI Solutions
McCormick, Kidman, and Behrens
Pennfield and Smith
Redwine and Sherill
White House Office of Policy Development
National Water Resource Association
North Bay Watershed Management Board
San Gabriel Valley Water Association
San Gabriel Basin WQA
Santa Barbara Special District Association
Cachuma Operations Maintenance Board
Cachuma Conservation Release Board
California Sign Association

LOCAL GOVERNMENT AGENCIES

ALAMEDA COUNTY

Hayward Area Recreation & Park
Livermore Area Recreation & Park

BUTTE COUNTY

Oroville-Wyandotte Irrigation District

CALAVERAS COUNTY

Calaveras County Water District

CONTRA COSTA COUNTY

Diablo Water District
Contra Costa Water District
Stege Sanitary District
Dublin San Ramon Service District

EL DORADO COUNTY

South Lake Tahoe PUD

IMPERIAL COUNTY

Imperial Irrigation District

KERN COUNTY

Arvin Edison Water Storage District
Indian Wells Valley Airport District
Indian Wells Valley Water District
Kern County Water Agency
West Kern Water District
North of the River Municipal Water District (Bakersfield)
Oildale Mutual Water Company
North Kern Water Storage District
Golden Empire Transit District
Terra Bella Irrigation District
Friant Water Users Management Board
Cawelo Water District
Arvin Community Services District

North Bakersfield Recreation and Park District
Inyokern Community Services District
Shafter Park and Recreation District

LASSEN COUNTY

Lassen Municipal Utility District

LOS ANGELES COUNTY

Los Angeles County Park and Rec
Castaic Lake Water Agency
Central Basin MWD
Pico Water District
Upper San Gabriel Valley MWD
West Basin MWD
San Gabriel Valley MWD
Water Replenishment Dst. of So. Cal.
San Gabriel County Water District
Main San Gabriel Basin Management Board
California Domestic Water Company
Pasadena Historical Museum
Three Valleys MWD
Newhall County Water District
Las Virgenes Municipal Water District
Conjunctive Use Working Group (?)
Palmdale Water District
City of Sierra Madre
City of Arcadia
City of El Monte
City of La Puente
East Pasadena Water Company
Foothill Municipal Water District
Valley County Water District

MARIN COUNTY

Las Gallinas Valley Sanitary District

North Marin Water District
Sausalito-Marín City Sanitation Dst.
Tamalpais CSD
Sanitary District #5 (Tiburon)
Novato Sanitary District
Ross Valley Sanitary District
San Rafael Sanitation District
City of San Rafael
Central Marin Sanitary Agency
County of Marin
Novato Disposal Services, Inc.
San Quentin Village and Murray Park

MERCED COUNTY

Central California Irrigation District

MONO COUNTY (and MADERA)

Mammoth Community Water District

MONTEREY COUNTY

Marina Coast Water District
Monterey Peninsula Water Management District
Monterey Regional Water Pollution Control Agency
Pebble Beach CSD

NAPA COUNTY

Napa County
Napa Sanitation District

NEVADA COUNTY

Northstar CSD
Truckee-Donner Public Utility District
Tahoe Truckee Unified School District

ORANGE COUNTY

Municipal Water District of Orange County
 Mesa Consolidated Water District
 Los Alamitos County Water District
 South Coast Water District
 Serrano Irrigation District
 El Toro Water District
 Orange County Water District
 Costa Mesa Sanitary District
 Capistrano Beach County Water District
 Coastal Municipal Water District
 Midway City Sanitary District
 Tri-Cities Municipal Water District
 Yorba Linda Water District
 Placentia Library District
 Laguna Beach County Water District
 Emerald Bay Service District
 Moulton Niguel Water District
 Orange County Vector Control

PLACER COUNTY

San Juan Water District
 North Tahoe Public Utility District
 Squaw Valley Public Services District

PLUMAS COUNTY

East Plumas Health Care District

RIVERSIDE COUNTY

Coachella Valley Mosquito & Vector Control District
 Mission Springs Water District
 29 Palms Municipal Water District
 Rancho California Water District
 South Mesa Water Company
 Elsinore Valley MWD
 Santa Rosa CSD
 Beaumont Cherry Valley Water District
 Santa Ana Watershed Project Management Board
 Desert Healthcare District

SACRAMENTO COUNTY

County of Sacramento Public Works Agcy.
 Sacramento Regional County Sanitation District
 Fair Oaks Water District
 Arcade Water District
 Sacramento Metropolitan Water Management Board
 Carmichael Water District
 Rio Linda Water District
 Northridge Water District
 Rancho Murrieta Community Services District
 Cordova Recreation and Park District

SAN BERNARDINO COUNTY

Big Bear Municipal Water District
 Monte Vista Water District
 Big Bear Airport District
 Yucaipa Valley Water District
 Bear Valley Community Hospital District
 Bear Valley Community Services District
 City of Big Bear Water and Power Department
 Joshua Basin Water District
 Inland Empire Utility Agency
 East Valley Water District
 Big Bear Area Regional Wastewater Agency
 Victor Valley Water District
 Cucamonga County Water District
 San Antonio Water Company
 Chino Basin Management Board
 ITI Desert Water District
 San Bernardino Valley Water Conservation District
 Big Bear City CSD
 City of Big Bear Lake
 Hi-Desert Water District
 West San Bernardino County Water District

SAN DIEGO COUNTY

San Diego County Water Management Board
 Padre Dam Municipal Water District
 Rincon del Diablo MWD
 Vallecitos Water District
 Helix Water District
 Leucadia Wastewater District
 North County Fire Protection District
 North County Cemetery District
 Olivenhain Municipal Water District
 Santa Fe Irrigation District
 Otay Water District
 Fallbrook Public Utility District
 Rainbow Water District
 Vista Irrigation District

SAN FRANCISCO COUNTY

Golden Gate Bridge, Highway, & Trans. District

SAN JOAQUIN COUNTY

Ripon Fire Department

SAN LUIS OBISPO

Templeton CSD
 Port San Luis Harbor District
 San Simeon CSD
 Cambria Community Services District
 Nipomo Community Services District

SAN MATEO COUNTY

East Palo Alto Sanitary District
 San Mateo County Harbor District
 Montara Water & Sanitation District
 Sewer Management Board Mid-Coastside

SANTA BARBARA COUNTY

City of Santa Barbara
 Goleta Sanitary District
 Montecito Sanitary District
 Carpinteria Sanitary District
 Santa Maria Public Airport District
 Goleta Water District
 Montecito Water District
 Cachuma Project Management Board
 Goleta West Sanitary District
 Mosquito and Vector Management District
 Isla Vista Recreation and Park District
 Lompoc Hospital District
 Santa Barbara County Vector Control District
 Carpinteria Valley Water District
 Santa Ynez Community Services District
 La Cumbre Mutual Water Company

SANTA CLARA

Santa Clara Valley Water District
 West Valley Sanitation District

SANTA CRUZ COUNTY

Scotts Valley Water District
 Pajaro Valley Water Management Agency (Watsonville)
 Central Fire Protection District
 Santa Cruz FPD
 Soquel Creek Water District

SOLANO COUNTY

Rural North Vacaville Water District

SONOMA COUNTY**TULARE COUNTY**

Friant Water User Management Board
 Visalia Public Cemetery District

VENTURA COUNTY

Camrosa County Water District
 Rancho Simi Rec. & Park District
 Casitas Municipal Water District
 Conejo Recreation and Park District
 Ojai Valley Sanitary District
 Calleguas Municipal Water District
 Meiners Oak County Water District
 Marina Coast Water District
 Camarillo Health Care District

Insurance

Professional Liability Insurance. \$1,000,000 for Each Occurrence, \$300,000 For Damage to Rented Premises (Each Occurrence), \$10,000 Medical Expenses (Any One Person), \$1,000,000 Personal and Adv Injury, \$2,000,000 General Aggregate, and \$2,000,000 Products-Comp/OP AGG.

Automobile Liability. \$1,000,000 Combined Single Limit.

Workers Compensation and Employers' Liability. \$1,000,000 E.L Each Accident, \$1,000,000 E.L. Disease – Each Employee, \$1,000,000 E.L. Disease – Policy Limit.

Professional Liability: \$1,000,000 Aggregate, \$1,000,000 Each Act, \$1,000,000 Each Judgement.



PARADISE IRRIGATION DISTRICT

TO: Board of Directors

FROM: Tom Lando, District Manager

DATE: 12/11/23

RE: Disaster Recovery Management Services Agreement – Amendment 7
12/20/2023 Board of Directors Meeting

Following is a letter from Consultant Sami Kader, Water Works Engineers, which outlines information regarding consideration of Amendment 7 to allow for continuation of the services being provided under the original Agreement through December 31, 2025.

The recommended form of motion for consideration is:

“I move to authorize approval of Amendment 7 and direct Staff to increase Water Works Engineers contract not-to-exceed amount by \$6,999,279 to a total contract to date of \$17,769,703 for disaster recovery engineering services being provided under the original Agreement dated March 14, 2019.”



WATERWORKS

E N G I N E E R S

November 15, 2023

Thomas Lando
Interim District Manager
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: Disaster Recovery Management Services Agreement – Amendment 7

Dear Mr. Lando:

In March 2019, Water Works Engineers was contracted on a time and materials contract, not to exceed \$1M, to perform Recovery Engineering services. As anticipated at the time of the Agreement, the exact definition of those services has changed over time.

- Amendment 1, issued in October 2019, extended our services through May 2020.
- Amendment 2, issued in May 2020 extended our services through October 2020.
- Amendment 3, issued in October 2020 extended our services through March 2021. Adjusting for changes in needed level of effort, we were able to continue services through June 2021
- Amendment 4, issued in June 2021 extended our services through December 2022
- Amendment 5, issued in April 2022 increased the level of service being provided in 2022
- Amendment 6, issued in October 2022 extended our services through December 2023

Through these amendments, Water Works Engineers has remained on budget and provided the needed Recovery program engineering services within the agreed-to budgets within the agreed-to timelines. Each amendment extended ENGINEER's services to accommodate ongoing development of the Recovery program.

This Amendment 7 is to allow for continuation of the services being provided under the original Agreement through **December of 2025** as follows:

1. Continued Program Management and GIS maintenance for the Recovery Program for 24 months (January 2024 – December 2025)
2. Contract Management (CM) and Inspection of the first phase of the Mains Replacement Project with full time CM and Inspection staff.
3. Contract Management (CM) and Inspection for the remainder of the Meter Installation and Service Lateral Replacement Project (MISLR) Phase 3 with full time CM, Inspection and Engineering Support staff.

The original contract budget and budget amendments are summarized below:

Sub task	Title	Original Contract Budget	Amend. 1 Budget	Amend. 2 Budget	Amend. 3 Budget	Amend. 4 Budget	Amend. 5 Budget	Amend. 6 Budget	Amend. 7 Budget	Total Project Budget
	<i>Date</i>	<i>March 2019</i>	<i>October 2019</i>	<i>May 2020</i>	<i>October 2020</i>	<i>June 2021</i>	<i>April 2022</i>	<i>October 2022</i>	<i>October 2023</i>	
	<i>Duration</i>	<i>6 mo.</i>	<i>8 mo.</i>	<i>6 mo.</i>	<i>8 mo.</i>	<i>18 mo.</i>	<i>Increased staffing</i>	<i>12 mo.</i>	<i>24 mo.</i>	
1	Program Management	\$435,000	\$215,000	\$185,000	\$185,000	\$493,275	\$0	\$427,528	\$870,072	\$2,810,875
2	Recovery Planning	\$155,000	\$0	- \$14,000 ¹	\$0	\$0	\$0	\$0	\$0	\$141,000
3	Testing and Recovery of Existing Distribution System	\$410,000	\$410,000	\$105,000	\$105,000	\$88,020	\$0	\$0	\$0	\$1,118,020
4	Permanent Work Assistance	\$0	\$375,000	\$554,000	\$480,000	\$1,679,731	\$749,986	\$2,634,483	\$0	\$6,473,200
5	Reservoir B Replacement Project	\$0	\$0	\$20,000	\$80,000	\$659,612	\$0	\$337,789	\$0	\$1,097,401
6	MISLR Ph-3 Construction Management 2024/2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,898,504	\$3,898,504
7	Mains Ph-1 Construction Management 2024/2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,230,703	\$2,230,703
	Project Total	\$1,000,000	\$1,000,000	\$850,000	\$850,000	\$2,920,638	\$749,986	\$3,399,800	\$6,999,279	\$17,769,703

1. This subtask under-ran previous project budget and the budget was reduced to reflect that under-run.

Regarding program management budget (Subtask 1, for this Amendment 7), this proposed budget will continue to provide, for the next 24 months, the same level of program management effort that has been provided over the last 4 years, 7 months.

The attached Amendment and attachments detail the scope and fee basis for this request. Thank you for your consideration of this Amendment 7. 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, Program Manager

AMENDMENT 7

TO THE AGREEMENT BETWEEN PARADISE IRRIGATION DISTRICT AND WATER WORKS ENGINEERS REGARDING DISASTER RECOVERY MANAGEMENT SERVICES FOR RSTORATION OF WATER SERVICES FOLLOWING THE 2018 CAMP FIRE DISASTER

This Amendment is made and entered into this 20th day of December 2023 by 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”.

RECITALS

Whereas, on March 14th, 2019, parties entered into an Agreement for Program Management Services for the Water System Recovery Project (“Agreement”)

Whereas, on September 27th, 2019, parties Amended that Agreement with Amendment 1

Whereas, on May 15th, 2020, parties Amended that Agreement with Amendment 2

Whereas, on September 16th, 2020, parties Amended that Agreement with Amendment 3

Whereas, on June 16th, 2021, parties Amended that Agreement with Amendment 4

Whereas, on April 20th, 2022, parties Amended that Agreement with Amendment 5

Whereas, on October 19th, 2022, parties Amended that Agreement with Amendment 6

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 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 Exhibit A, Exhibit A – Amendment 1, Exhibit A – Amendment 2, Exhibit A - Amendment 3, Exhibit A - Amendment 4, Exhibit A – Amendment 5, Exhibit A – Amendment 6, and Exhibit A – Amendment 7. Consultant shall supervise and direct the work to the best of Consultant’s ability and give all attention for such proper supervision and direction.

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

AMENDMENT 7

Paradise Irrigation District and Water Works Engineers
Program Management Services for Water System Recovery Project

Payment: Consultant will be paid on a time and materials basis in an amount “not to exceed” \$17,769,703 for the Project and work to be performed in Exhibit A, Exhibit A – Amendment 1, Exhibit A – Amendment 2, Exhibit A – Amendment 3, Exhibit A – Amendment 4, Exhibit A – Amendment 5, Exhibit A – Amendment 6 and Exhibit A – Amendment 7. 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 IX of the Agreement. Progress payments shall be made monthly for work completed based upon the billing rates contained in the Schedule of Rates/Fees attached hereto as Exhibit B, Exhibit B – Amendment 1, Exhibit B – Amendment 2, Exhibit B – Amendment 3, Exhibit B - Amendment 4, Exhibit B - Amendment 5, Exhibit B - Amendment 6 and Exhibit B – Amendment 7.

Except as modified herein, the provisions of the March 14, 2019 Agreement shall apply.
IN WITNESS WHEREOF the parties execute this Agreement on the day and year first herein above written.

ATTEST:

Printed Name and Title

Signature

Sami Kader, Principal

TAXPAYER ID 20-3148271

Business Type:

Corporation ☐ Yes ☐ No

Other: LLC

(Complete W-9 enclosed)

ATTEST:

Georgeanna Borrayo, District Secretary

PARADISE IRRIGATION DISTRICT

Thomas Lando, District Manager

Attachments:
Exhibit A – Amendment 7: Consultant’s Scope of Work
Exhibit B – Amendment 7: Consultant’s Schedule of Fees

AMENDMENT 7
Paradise Irrigation District and Water Works Engineers
Program Management Services for Water System Recovery Project

EXHIBIT A – AMENDMENT 7

Scope of Work to be performed by the Consultant

(see attached)

AMENDMENT 7

**Paradise Irrigation District and Water Works Engineers
Program Management Services for Water System Recovery Project**

EXHIBIT A – AMENDMENT 7:

SCOPE OF WORK

The following services will be provided by ENGINEER for this project under this Amendment:

REASON FOR AMENDMENT 7

In March 2019, Water Works Engineers (ENGINEER) was contracted on a time and materials contract, not to exceed \$1M, to perform Recovery Engineering services. As anticipated at the time of the Agreement, the exact definition of those services has changed over time. In response to these changes, the original Agreement has been Amended over time as follows:

- Amendment 1, issued in October 2019, extended ENGINEER's services through May 2020.
- Amendment 2, issued in May 2020 extended ENGINEER's services through October 2020.
- Amendment 3, issued in October 2020 extended ENGINEER's services through March 2021. Adjusting for changes in needed level of effort, we were able to continue services through June 2021
- Amendment 4, issued in June 2021 extended ENGINEER's services through December 2022
- Amendment 5, issued in April 2022 increased the level of service being provided in 2022
- Amendment 6, issued in October 2022 extended our services through December 2023

Through these amendments, Water Works Engineers has remained on budget and provided the needed Recovery program engineering services within the agreed-to budgets within the agreed-to timelines. Each amendment extended ENGINEER's services to accommodate ongoing development of the Recovery program.

This Amendment 7 is to allow for continuation of the services being provided under the original Agreement and subsequent Amendments through December of 2025, unless terminated earlier as follows:

SUBTASK 1 – PROGRAM MANAGEMENT

Under this subtask, ENGINEER will provide the following services:

SUBTASK 1.1 – PROJECT MANAGEMENT THROUGH DECEMBER 2025

Continued overall project management is anticipated to be needed at similar level of effort as the last 4 years, 7 months. The overall recovery program will continue at the same rate.

1.1.1 Meetings through December 2025

ENGINEER will attend planning meetings, meetings with regulators, Board of Directors meetings and public meetings as required to support PID in the recovery process and manage the various contractors and service providers required to accomplish the work. Assumes an average of 1 on-site meeting/week for 24 months (104 meetings) with 2 people in attendance.

1.1.2 Communication through December 2025

ENGINEER will work with CLIENT to provide support in communicating the recovery plan to all project stakeholders and to the public. This will include producing communication materials, leading public information workshops, providing input on District website updates, etc.

1.1.3 Scheduling through December 2025

ENGINEER will maintain the overall project schedule and track all Program activities.

1.1.4 Cost Tracking through December 2025

ENGINEER will track actual costs for Program Management and compare them to budgets, updating CLIENT on a monthly basis.

1.1.5 Oversight of Recovery Program Management Team through December 2025

ENGINEER will provide oversight of all members of the Recovery Program Management Team, including ENGINEER staff and subconsultants to coordinate and orchestrate all project activities.

1.1.6 Documentation and Reporting through December 2025

ENGINEER will keep and maintain all records and documentation required by FEMA and CalOES. A monthly report of activities will be provided with each invoice.

SUBTASK 1.2 – GIS MAINTENANCE

ENGINEER will continue to engage Websoft Developers (Websoft) to continue to host and maintain the GIS system for use in planning, executing and communicating progress on the Recovery Plan. The GIS system will continue to be hosted by Websoft Developers and all project stakeholders will have access. The GIS system will be expanded to incorporate data collected during all ongoing construction projects so that PID is left with a complete record of all work completed in the Recovery Project.

ENGINEER will support training and familiarization of District staff with the GIS platform, maintenance functions, field data gathering, and asset location in an effort to support the District's goal of self-performance of these functions in the future. This shall include a combination of in person field meetings and training, as well as administrative meetings. This task assumes biweekly meetings in Paradise attended by 2 employees (104 meetings).

ENGINEER will provide technical support for the update of District's current GIS mapping to include data gathered over the course of construction of all Recovery Projects including those in this Amendment. Technical support will include data entry, collaborative data development with District staff, linework updates and transfer of GIS system mastery to District staff.

SUBTASK 6 – METER INSTALLATION AND SERVICE LATERAL REPLACEMENT PHASE 3 CONSTRUCTION MANAGEMENT 2024/25

ENGINEER will provide project management assistance in the replacement of damaged infrastructure with the following permanent work assistance task:

MISLR 3 IMPLEMENTATION - CONSTRUCTION MANAGEMENT

ENGINEER will provide construction contract management and inspection services for the remainder of the anticipated duration for the Meter Installation and Service Lateral Replacement (MISLR) Phase 3 Project Contractor. Includes: Development of replacement location lists, coordination with PID staff, weekly construction meeting leadership, daily inspection of service lateral replacements, meter installations, and backflow installations, documentation of all installations, tracking of Contractor unit

production for all unit price items, schedule tracking, processing of payment applications, handling field questions from Contractor.

We expect work to continue work on the MISLR 3 project through the end of 2025. This scope is for services provided through that period of time. Due to the somewhat different nature of this project (combined crews doing service lateral, meter and backflow installation complete at each location with more grouped locations), we have estimated that the contractor for this project will use 4 crews (requiring 4 full time field engineers/inspectors) and a field services lead engineer at 50% time for the entire 24 months. Engineering support for planning, tracking, documenting and coordinating the work is anticipated to be one full-time engineer for the 24-month period. Construction Contract Management from the Project Construction Manager is also anticipated at 50% time for the 24-months.

SUBTASK 7 – MAIN REPLACEMENT PROJECT PHASE 1 CONSTRUCTION MANAGEMENT 2024/25

ENGINEER will provide project management assistance in the replacement of damaged infrastructure with the following permanent work assistance tasks:

MAINS PHASE 1 IMPLEMENTATION - CONSTRUCTION MANAGEMENT

ENGINEER will provide construction management and inspection services for the expected 20-month duration of the Phase 1 of the main replacement project, anticipated to begin construction in March of 2024. This project will address the most critical mains requiring replacement following damage sustained during the Camp Fire or upsizing made necessary due to codes and standards requirements for reconstruction of residences following the Camp Fire which must meet current codes for fire sprinkler systems supported by the water distribution system capacity to provide water for those systems. Phase 1 of the Main Replacement Project is approximately 25,000 linear feet of main replacement, expected to begin construction in early 2024 and continue through late 2025.

This scope includes: Support for PID in directing contractor work according to District priorities, coordination with PID staff, weekly construction meeting leadership, daily inspection of main replacement and service lateral installations, documentation of all contractor work and installations, tracking of Contractor unit production for all unit price items, schedule tracking, processing of payment applications, handling field questions from Contractor. Assumes one Field Engineer/Inspector full time, a field services lead engineer at 50% time, and a Construction Manager 50% time.

PROJECT SCHEDULE

Work on all subtasks will run from January 2024 through December 2025. Specific scheduling of ENGINEER's resources will be coordinated with each construction contractor and their schedule with ongoing modifications to accommodate changes in contractor means and methods.

EXHIBIT B – AMENDMENT 7

Compensation is based on the following schedule of rates and fees

(see attached)

AMENDMENT 7

**Paradise Irrigation District and Water Works Engineers
Program Management Services for Water System Recovery Project**

EXHIBIT B – AMENDMENT 7: FEE

ENGINEERING FEE

Payment for Subtasks 1 through 7 will be on a Time and Expense basis and invoiced in accordance with the Hourly Wage Rates in the following table.

Classification	Title	Hourly
AA	Administrative	\$118.25
T1	CADD Tech 1	\$98.54
T2	CADD Tech 2	\$133.32
T3	CADD Tech 3	\$163.46
I1	Field Inspector	\$158.82
I2	Senior Inspector	\$176.21
I3	Supervising Inspector	\$197.08
E1	Staff Engineer	\$147.23
E2	Associate Engineer	\$179.69
E3	Project / Structural Engineer	\$202.87
E4	Senior Project Engineer / Manager	\$235.33
E5	Principal Engineer	\$272.43

Notes:

1. A markup of 10% will be applied to all project related Direct Costs and Expenses.
2. Rate effective through December 31, 2024. A 3% increase will be added for any services performed in each year thereafter.

Amendment 7 Fee shall not exceed \$6,999,279. Total Contract Fee (Original contract and Amendments 1-6) shall not exceed \$17,769,703. A summary of project fees by phase and a detailed breakdown of the Amendment 7 fee is presented in the tables below.

The original contract budget and budget amendments are summarized below:

Sub task	Title	Original Contract Budget	Amend. 1 Budget	Amend. 2 Budget	Amend. 3 Budget	Amend. 4 Budget	Amend. 5 Budget	Amend. 6 Budget	Amend. 7 Budget	Total Project Budget
	<i>Date</i>	<i>March 2019</i>	<i>October 2019</i>	<i>May 2020</i>	<i>October 2020</i>	<i>June 2021</i>	<i>April 2022</i>	<i>October 2022</i>	<i>October 2023</i>	
	<i>Duration</i>	<i>6 mo.</i>	<i>8 mo.</i>	<i>6 mo.</i>	<i>8 mo.</i>	<i>18 mo.</i>	<i>Increased staffing</i>	<i>12 mo.</i>	<i>24 mo.</i>	
1	Program Management	\$435,000	\$215,000	\$185,000	\$185,000	\$493,275	\$0	\$427,528	\$870,072	\$2,810,875
2	Recovery Planning	\$155,000	\$0	-\$14,000 ¹	\$0	\$0	\$0	\$0	\$0	\$141,000
3	Testing and Recovery of Existing Distribution System	\$410,000	\$410,000	\$105,000	\$105,000	\$88,020	\$0	\$0	\$0	\$1,118,020
4	Permanent Work Assistance	\$0	\$375,000	\$554,000	\$480,000	\$1,679,731	\$749,986	\$2,634,483	\$0	\$6,473,200
5	Reservoir B Replacement Project	\$0	\$0	\$20,000	\$80,000	\$659,612	\$0	\$337,789	\$0	\$1,097,401
6	MISLR Ph-3 Construction Management 2024/2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,898,504	\$3,898,504
7	Mains Ph-1 Construction Management 2024/2025	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,230,703	\$2,230,703
	Project Total	\$1,000,000	\$1,000,000	\$850,000	\$850,000	\$2,920,638	\$749,986	\$3,399,800	\$6,999,279	\$17,769,703

1. This subtask under-ran previous project budget and the budget was reduced to reflect that under-run.



PARADISE IRRIGATION DISTRICT

6332 Clark Road * Paradise, California 95969 * Phone 530-877-4971 * Fax 530-876-0483

TO: Board of Directors

**FROM: Tom Lando, District Manager
Bill Taylor, Assistant Engineer**

DATE: December 11, 2023

RE: Field Evaluations of the Dams and Surveying of Dams for years 2024 through 2026 - Proposal Attached

As part of being a dam owner we are required to have an engineering firm conduct an annual evaluation of the safety of the dams and report their findings to the State Department of Safety of Dams (DSOD). Our current contract with Genterra Consultants, Inc. ends this year. The District distributed a Request for Proposals (RFP) for the services to be performed for a 3 year period. Of the firms the RFP was sent to, three replied with a proposal.

This proposal includes being physically present when DSOD performs their annual inspections of the dams, evaluation of all the monitoring data taken from the dams over the year, conducting a survey of the dams each year to check for horizontal and vertical movement of the dam, and submittal of an annual report to the District and DSOD of their findings. They are also on call for any situations that may arise during the term to offer their expertise (earthquake, damage to dams or pertinent structures, etc.).

The proposals received were as follows:

GEI Consultants	\$ 82,930.00
Genterra Consultants, Inc.	133,589.00
Slate Geotechnical Consultants	217,222.00

It is my recommendation to contract with GEI Consultants for the 3 year Dam Surveillance as per the proposal. Although I am not aware of the District having worked with GEI in the past, they are very much involved with dams throughout the State and are well known.

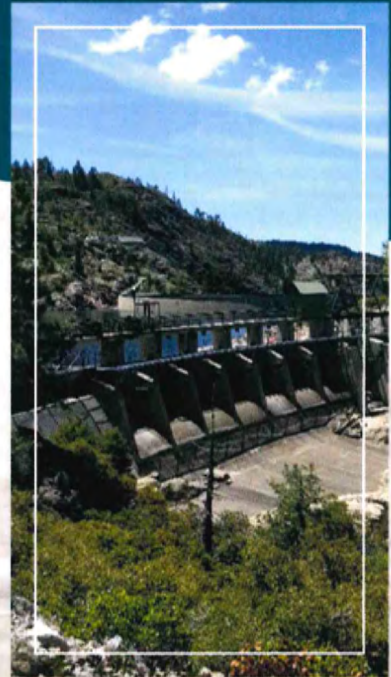
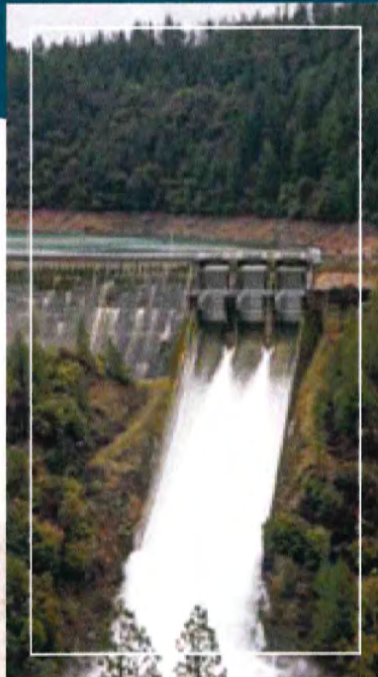
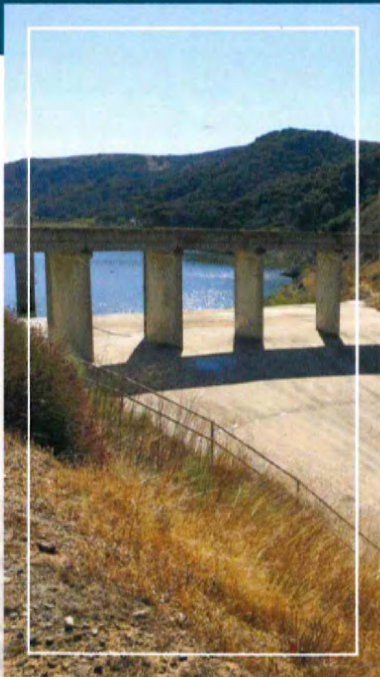
The recommended form of motion would be:

"I move to authorize the District Manager to enter into an agreement with GEI Consultants to perform dam surveillance services as described in their proposal for the years 2024 through 2026 for a cost not to exceed \$82,930.00."

6 82,930

Dam Serveillance Services

Proposal prepared for: Paradise Irrigation District
December 8, 2023



December 8, 2023

Consulting
Engineers and
Scientists

To: Paradise Irrigation District (District)
Attn: Bill Taylor, Assistant District Engineer
6332 Clark Road, Paradise, CA 95969-4146
btaylor@paradiseirrigation.com
From: Enrico Rufini, GEI
CC: Bill Rettberg, GEI

Subject: Proposal to Provide Dam Surveillance Services

Dear Mr. Taylor:

GEI Consultants, Inc. (GEI) is pleased to present this proposal to provide dam surveillance engineering services at Magalia and Paradise Dams in Butte County, California.

We understand the Paradise Irrigation District (District) submits annual surveillance reports for each dam to the California Department of Water Resources Division of Safety of Dams (DSOD). GEI is uniquely experienced and qualified to undertake these services based on its past and current work preparing surveillance and monitoring plans and reports. This proposal covers engineering services for the three-year period covering calendar years 2024, 2025, and 2026. The team proposed for this opportunity is currently providing the same type of services at three dams for the Northern California Power Agency. Excerpts from these reports and references can be provided upon request. Members of this team also annually compile approximately 80 Dam Safety Surveillance and Monitoring Reports (DSSMRs) for other owners.

Background and Project Approach Summary

The District secures source water from Little Butte Creek, which is stored in impoundments created by Magalia Dam and Paradise Dam. Paradise Dam, constructed in 1956 and raised in 1976, impounds Paradise Lake, which has a storage capacity of 11,497 acre-feet. Magalia Dam, constructed in 1917, impounds Magalia Reservoir which has a design capacity of 2,574 acre-feet. Since 1997 the water level behind Magalia Dam has been kept 25 feet below the design level to reduce the risk of potential dam failure due to liquefaction of the embankment in the event of a major earthquake. The current storage in Magalia Reservoir is 796 acre-feet. The District monitors a total of 48 piezometers and 10 seepage weirs on the two dams. Horizontal and vertical surveys are conducted annually at each dam.

The 2024, 2025, and 2026 annual surveillance reports for the two DSOD-jurisdictional dams (Magalia and Paradise dams) will be prepared with the format used in previous submissions. The report preparation will be completed by an experienced team of professionals who have familiarity with the preparation process and regulatory requirements.

GEI acknowledges the willingness to enter into an agreement for professional services similar to the example provided in the Request for Proposal (RFP); any minor changes, revision, and updates will be mutually agreed upon before GEI begins providing engineering services.

The proposal and task structure described below covers the required engineering services for the two DSOD-jurisdictional dams.

Scope of Work

The scope of work is to provide the services as described in the following tasks:

Task 1. Preparation of the Annual Surveillance Reports to DSOD

The annual surveillance reports (Magalia and Paradise Dams) will comply with all state relevant requirements and guidelines. This task will be composed of the following subtasks:

Subtask 1a. Review and Analysis of Surveillance Data

GEI will review and analyze the surveillance data. The data will be provided by the District either on a secured internet website location or transmitted electronically via email or other means of secured file transfer following the notice-to-proceed (NTP). The data include:

- Periodic piezometer readings (48 in total).
- Periodic seepage weir flow readings (10 in total), and
- Reservoir levels at the time of readings.

After the review of the data, GEI will notify the District of any condition requiring additional monitoring or remedial action by the District.

Subtask 1b. Conduct Annual Onsite Inspection at Each Dam

This subtask consists of reviewing the pertinent documentation in preparation for the site visits, i.e., previous DSOD inspection reports, and the annual site visits at each dam in conjunction with the DSOD annual inspection. The site visits among others will include:

- Visual inspection of the reservoirs and abutments to observe areas of instability.
- Visual inspection of the dams to observe signs of cracking, settlement, rodent activity, erosion, bulging, wet spots or seeps, and piping; to assess the maintenance of the dams.
- Examination of the surface condition of the existing instrumentation; and
- Visual inspection of appurtenant structures (i.e., spillways, inlet and outlet works, and pipelines) to observe the condition of concrete structures and mechanical equipment, including gates and valves, and to note if inlets are kept clear of debris.

Subtask 1c. Conduct Horizontal and Vertical Alignment Surveys of Each Dam

GEI will hire a registered survey subconsultant to conduct an alignment survey of each dam using the existing monuments on the dams to collect movement information on each dam. The information obtained from the survey will be compared to past surveys for analysis of the movement of each dam. The information will be included in the annual written report.

Subtask 1d. Prepare Written Annual Surveillance Reports

GEI will prepare a written annual surveillance report for each dam to be submitted to DSOD using the current format of the reports. The reports will summarize the results of the onsite visual inspections as well as the significance of the measurements recorded during the previous 12-month period. Conclusions and recommendations related to the performance, operation and maintenance of the dam will be included. The reports will be in sufficient detail to meet the requirements of DSOD's "Statutes and Regulations Pertaining to Supervision of Dams and Reservoirs," which incorporates Parts I and 2 of Division 3 of the Water Code (Statutes), Subchapter I of Chapter 2, Title 23 of the California Administrative Code. GEI will consider and incorporate all significant safety, operational and maintenance issues previously reported so that continuity of those issues is maintained.

Task 2. Provide Other Assistance to the District

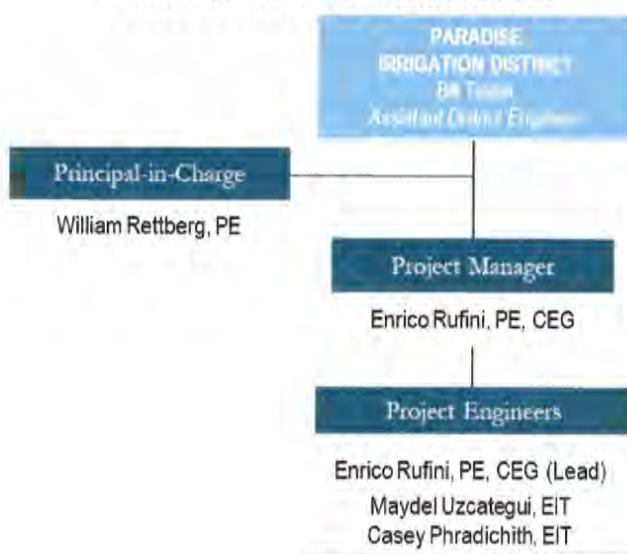
This task includes providing assistance to the District on an as-requested basis with any unusual event or operating condition that may impact the safe operating performance of the dams. The cost for this effort will be estimated on a case by case basis and will be based on the attached fee schedule.

Proposed Personnel

Based on our understanding of these services, GEI's proposed project team includes the key personnel shown in **Figure 1** on the following page. Resumes for key staff are provided for reference in **Attachment A**. Resumes for additional GEI team members can be provided upon request.

GEI's Principal-in-Charge, Bill Rettberg, P.E., will provide project oversight while Project Manager, Enrico Rufini, P.E., C.E.G., will perform the site visits and will keep GEI's team members and District participants in the project focused on the key elements of the annual surveillance report preparation. Enrico Rufini will serve as the Lead Engineer and direct the report preparation with assistance from Maydel Uzcategui, E.I.T. and Casey Phradichith, E.I.T. These staff engineers have experience preparing annual surveillance reports for other dam owners in accordance with DSOD guidelines. Mr. Rettberg will provide Senior Technical Review and Mr. Rufini will provide quality assurance/quality control (QA/QC) for the report preparation process.

FIGURE 1. PROJECT TEAM ORGANIZATION



Deliverables

Deliverables will include two DSOD reports:

1. Initial Draft Reports – A draft report for each dam will be provided in MSWord for the main body of the reports, and in pdf files for the compiled appendices.
2. Final Draft Reports – A final draft report for each dam will be provided to the District as electronic files (MSWord for Main Body of Report, pdf file of appendices) for proof-reading to verify they are ready for publication.
3. Final Reports – A final report for each dam will be provided to the District as electronic files (MSWord for Main Body of Report, MS Excel for compiled instrumentation data and plots, and Adobe pdf file of complete report).
 - Prepare 3 hardcopies and 2 electronic copies of the DSOD Reports (Magalia Dam DSOD Dam No. 73-0 and Paradise Dam DSOD Dam No. 73-2)
 - Distribution:
 - 2 hard copies and 1 electronic copy to DSOD.
 - 1 hard copy and 1 electronic copy to the District.

Schedule

Due to many unknowns, the schedule for the site visits, surveys, and report preparation will be discussed and coordinated with the District and all efforts will be aimed to fulfill any state regulatory requirements. In principle, within 4 to 6 weeks from the site visits and the surveys, the surveillance reports will be drafted for the District review. After the District review, the reports will be finalized within 2 to 4 weeks.

Cost Estimate

The estimated budget to complete the services is shown in the attached spreadsheet found in **Attachment B** and is summarized in the table below. The total estimated cost for the above services (including the annual monument survey) is \$26,285 for the year 2024, \$27,625 for 2025 and \$29,020 for 2026. Cost for additional services under Task 2 are provided in **Attachment C**, with the 2024 fee schedule.

Task	2024	2025	2026	Total Cost
Task 1 – Annual surveillance reports to DSOD				
Task 1a – Review and Analysis of Surveillance Data	\$3,576	\$3,754	\$3,943	
Task 1b – Onsite Inspection (2 dams)	\$7,632	\$8,014	\$8,414	
Task 1c – Horizontal and Vertical Surveys (2 dams)	\$3,550	\$3,750	\$3,950	
Task 1c – GEI Site Supervision	\$3,578	\$3,757	\$3,945	
Task 1d – Prepare Written Surveillance Reports	\$7,416	\$7,787	\$8,176	
Task 2 – Provide Other Assistance to the District		See Attachment C		
Total	\$26,285	\$27,625	\$29,020	\$82,930

GEI will not exceed the total budget of \$82,930 without prior approval from the District.

Closing

GEI appreciates the opportunity to assist the District and to provide its experience to fulfill the needs on these critical dam instrumentation and monitoring reports. Please contact our proposed Project Manager, Enrico Rufini, at 925.393.3197 or erufini@geiconsultants.com if there are questions about the proposal.

Sincerely,

GEI Consultants, Inc.



Enrico Rufini, P.E., C.E.G.
Project Manager



Bill Rettberg, P.E.
Principal-in-Charge

Attachments: A – GEI Team Member Resumes
B – Cost Estimate
C – GEI 2024 Fee Schedule

A – GEI Team Member Resumes

William Rettberg, P.E.

Vice President, Senior Principal Engineer

William Rettberg is a senior principal and vice president with GEI. He has served as a branch manager and director of GEI. Mr. Rettberg has performed complete engineering and project management services from planning and investigation through design and construction management on numerous projects throughout the United States and overseas. He has over 50 years of engineering and management experience, which includes a wide range of water resources and environmental projects. Mr. Rettberg's project experience also includes working with Federal Energy Regulatory Commission (FERC) Part 12D Dam Safety Inspections, dam rehabilitation, hydroelectric projects, pipelines and penstocks, water supply, flood control levees, tunnels, tailing dams, waste impoundments, permitting and licensing, stormwater drainage and special projects. Importantly, he has performed numerous FERC Part 12D inspections on numerous dams, spillways, intakes/outlets, penstocks, and powerhouses. His experience on conducting Potential Failure Mode Analysis (PFMA) workshops as a facilitator spans over 20 years since this process was initiated in 2002 as a beta-test.

PROJECT EXPERIENCE

FERC Part 12, SEED Dam Safety Inspections, and Dam Rehabilitation Projects. During the past 25 years, inspected over 200 significant and high hazard dams throughout the U.S. for power companies, water districts, and other dam owners. Served as the lead inspector and as a FERC-approved Independent Consultant (IC) for over 75 hydroelectric dams in California, Nebraska, and Colorado. Also served as a FERC-approved Independent Facilitator for over 75+ Potential Failure Mode Analysis (PMFA) reviews and workshops. Has also inspected over 20 dams in Illinois, South Dakota, California, Oregon, and Nevada under the Safety Evaluation of Existing Dams (SEED) program for the U.S. Fish and Wildlife Service (USFWS). Types of dams inspected include earthfill, rockfill, concrete gravity, concrete arch, concrete faced rockfill, and masonry. Also managed many critical dam safety rehabilitation projects.

Dam Safety Surveillance and Monitoring Plans (DSSMPs), Northern CA. Project Manager for DSSMPs for dams within the Sierra Nevada and Northern Cascades mountains of California for Sacramento Municipal Utility District (SMUD), El Dorado Irrigation District (EID), and confidential utility company. The reports were compiled to assist the federal regulating agency FERC in reviewing and evaluating the safety and performance of the dams.

El Dorado Forebay Dam Modifications Project, El Dorado Irrigation District, near Placerville, CA. Project manager for investigations, feasibility analyses, and final design of modifications for seismic, spillway, and other operational features. Dam is an off-channel impoundment that provide domestic water supply and as a forebay to a 22 Mw hydroelectric powerhouse on the South Fork of



EDUCATION

M.S. Civil Engineering, University of Colorado

B.S., Civil Engineering, University of Illinois

EXPERIENCE IN THE INDUSTRY

51 years

EXPERIENCE WITH GEI

24 years

REGISTRATIONS AND LICENSES

Professional Engineer, CA No. C55145

the American River west of Sacramento. Modifications include a stability buttress, raising the embankment 10 feet, spillway improvements, and new intake to the domestic water supply system.

FERC Part 12 Safety Inspections, Confidential Client, Northern & Central CA. Independent Consultant, and IF for PFMA workshops for FERC Part 12D inspections on over 100 hydroelectric power facilities in California during the past 20 years. These hydropower facilities include a wide variety of dam types including concrete arch, rockfill and earthfill embankments, rubble/masonry, roller compacted concrete, and concrete gravity dams, with heights ranging from 12 to 315 feet. Inspections of powerhouses with powerhouses up to over 1,000 Mw, spillways, and ancillary facilities have also been conducted.

New Exchequer and McSwain Dams, FERC Part 12D Safety Inspections, Merced Irrigation District, Merced River, CA. Independent Consultant for FERC Part12D inspection of this 492-foot-high New Exchequer dam, the highest concrete faced rockfill dam in the U.S. that impounds a one-million-acre-foot reservoir, Lake McClure. McSwain Dam is a smaller embankment dam that forms a re-regulation reservoir.

Don Pedro Dam, FERC Part 12D Dam Safety Inspection, Turlock Irrigation District, Tuolumne River, CA. Independent Consultant for FERC Part12D inspection of this 585-foot earthfill and rockfill dam that impounds a two-million-acre-foot reservoir.

New Bullards Bar, Our House, and Log Cabin Dams, FERC Part 12D Safety Inspections, Yuba County Water Agency, Yuba County, CA. Independent Consultant for FERC Part12D inspection of this 640-foot-high concrete arch dam that impounds a one-million-acre-foot reservoir on the North Fork Yuba River. The dam is the highest concrete arch dam in the U.S. Our House and Log Cabin Dams are smaller curved gravity dams on separate streams to divert water into New Bullards Bar Reservoir.

FERC Part 12D Dam Safety Inspection, Oroville-Thermalito Powerplant Complex, Oroville, CA. Co-Independent Consultant responsible for data review, field inspections, PFMA audit, and preparation of five FERC P12 Safety Reports for CA Department of Water Resources' Oroville, Thermalito Diversion, Thermalito Forebay, Thermalito Afterbay, and Fish Barrier dam. The PMFA audit session was an intense one-day activity, that the Board and the DWR/FERC/and DSOD believed was valuable to revisiting the original PFMs and clarifying and reclassifying some of the PFMs. At 770 feet high, Oroville Dam is the highest embankment dam in the United States.

FERC Part 12D Dam Safety Inspection, William E. Warne Power Complex, California Department of Water Resources, Various Locations, CA. Co-Independent Consultant for five-year safety inspection for five critical dams and reservoirs located on the California State Water Project West and East Branch water delivery systems. Dams inspected included: Quail Lake, Pyramid, Elderberry, Cedar Springs, and Devil Canyon 2nd Afterbay. Participated in PMFA workshops for all dams, prepared STIDs, and Part 12D safety inspection reports. Pyramid Dam is 400 feet high.

Pardee and Camanche Dams, FERC Part 12 Safety Inspections, East Bay Municipal Utility District (EBMUD), Northern CA. Independent Consultant for five-year safety inspection, including PFMA for the Lower Mokelumne River Project, FERC Project No. 2916-CA developed by EBMUD. The project consists of Pardee Dam and Reservoir and Camanche Dam and Reservoir. The Pardee Main Dam is a 1337-foot-long concrete gravity structure that rises 345 feet above the Mokelumne riverbed. A 23.6 megawatt (MW) hydroelectric power plant at the base of Pardee Main Dam generates approximately 110 million kilowatt-hours (kW) of electric energy annually. The downstream Camanche Dam and Reservoir includes the Main Dam and six dikes. These structures are all zoned, compacted, earthfill embankments.

FERC Part 12 Dam Safety Inspections, Sacramento Municipal Utility District (SMUD), Northern CA. Independent Consultant for FERC Part 12 Dam Safety Inspections of SMUD's Upper American River Project, involving Loon Lake Main and Auxiliary Dam, Union Valley Dam, Junction Dam, Ice House Main and Auxiliary Dam, Brush Creek Dam, and Slab Creek Dam. The structures consist of embankment and concrete arch dams.

Enrico G. Rufini, P.E., P.G., C.E.G.

Senior Engineer/Engineering Geologist

Enrico Rufini is a geotechnical engineer and senior engineering geologist. He specializes in heavy civil construction, dams and embankments, water-systems infrastructure and environmental mitigation with experience acquired on projects throughout California and abroad. He has conducted and managed geotechnical investigations and engineering geologist studies to support design, feasibility, site characterization, and geologic hazard assessments for residential and commercial projects, prepared written reports, and recommendations for mitigating hazards and foundation design. His range of project services includes construction inspection for compliance with specifications as well as conceptual engineering, field investigation for feasibility studies, sub-surface exploration, laboratory testing, engineering analysis, and instrumentation installation.

PROJECT EXPERIENCE

Dam Safety Surveillance and Monitoring Plans and Reports, Confidential Client, Oakland, CA. Dam Safety Surveillance and Monitoring Plans and Reports (DSSMPs and DSSMRs). Compiled hundreds of reports for dams within the Sierra Nevada geomorphic province of California for the client, Sacramento Municipal Utility District (SMUD), and El Dorado Irrigation District (EID); the reports were compiled to assist the federal regulating agency FERC (Federal Energy Regulatory Commission) in reviewing and evaluating the safety and performance of the dams.

Atmospheric River Control Spillway at New Bullards Bar Dam, Yuba County Water Agency, Marysville, CA. Field and Project Geologist during investigations to support the final design of the New Bullards Bar Reservoir Secondary Spillway Project. The proposed secondary spillway structure will consist of an approach channel, an intake structure, a conveyance tunnel, and a downstream spillway outlet structure. Logged 5 rock-coring borings ranging in depth from 50 to 200 feet. Bedrock consists of Jurassic-age metamorphic rocks of the Smartville ophiolite which consists primarily of amphibolites, amphibolite schist, meta-andesite, and minor felsic rock materials.

Hell Hole Dam Core Raise Project, Placer County Water Agency, Foresthill, CA. The project consisted of raising both the core and the downstream fine filter of the dam to El. 4651 feet, and the crest to El. 4652 feet. Participated in both years of construction (summer of 2019 and 2020) as the geologist of record for the portion of the construction involving the left abutment and right abutment excavations which exposed the original foundation of the dam and the bedrock. The project involves performing field reconnaissance and mapping at the left and right abutment areas.

Supplemental Subsurface Exploration and Stability Evaluation for Embankment Dam, Confidential Client, Merced County, CA. Merced Falls Dam consists of a concrete gravity and an embankment sections. The dam is 36.5 feet high and the total crest length is 1,658 feet. Supervised the geophysical investigation to provide depth to



EDUCATION

M.S., Geotechnical Engineering,
University of California, Berkeley
B.S., Geology, University of Perugia, Italy

EXPERIENCE IN THE INDUSTRY
30 years

EXPERIENCE WITH GEI
15 years

REGISTRATIONS AND LICENSES
Professional Engineer, CA No. 67714
Professional Geologist, CA No. 6665
Certified Engineering Geologist, CA No.
2228

PROFESSIONAL ASSOCIATIONS
American Society of Civil Engineers,
Member
Association of Environmental and
Engineering Geologists, Member

bedrock and information regarding the presence of alluvial material in the embankment section of the dam foundations. Updated the stability analysis of the embankment section with a revised downstream slope geometry and with a range of soil parameter strengths providing a sensitivity analysis of the Factor of Safety. Performed the field investigation by drilling four sonic boreholes and installing three piezometers. Collaborated in the engineering analyses for the dam stability, liquefaction, and seismic deformation. Addressed the dam safety concerns identified by the Federal Energy Regulatory Commission (FERC).

Forebay Dam Modifications, El Dorado Irrigation District, Placerville, CA. Provided services for the dynamic stability review, alternatives and preliminary feasibility analysis, and geotechnical data report for a homogeneous, compacted, earthfill embankment dam which is constructed on weathered phyllites and meta-sandstones rocks of Paleozoic age. The dam is 91 feet high and is 836 feet long. For the dynamic stability review, directed the field exploration and laboratory testing, collaborating in the engineering analyses for the dam stability, liquefaction potential, and seismic vulnerability. The alternatives and preliminary feasibility analysis examined, at a preliminary level, the scope, order of magnitude of costs, schedule, and feasibility of alternatives for the repair, strengthening or raising of the existing dam that would enhance adequate water storage and reservoir operation in a safe manner that also addressed the dam safety concerns identified by DSOD and FERC. Coordinated the efforts of the preliminary designs for appurtenance structure repairs and strengthening and evaluated the four embankment modification design alternatives and stability analyses to meet project objectives. Also, drafted the geotechnical data report including geologic reconnaissance of the site, coordination of a supplemental exploration of the site subsurface conditions by drilling of geotechnical test borings, excavation of test pits, laboratory testing of selected soil samples, seismic refraction survey, and installation and pump testing of two temporary monitoring wells. The data report presented available surface and subsurface information in support of the engineering analysis and design of dam upgrades.

Lauer Dam Rehabilitation Project – Rockfill Borrow Investigation, Bureau of Indian Affairs, Alturas, CA. Lauer Dam, located in Modoc County in northeastern California on an unnamed tributary of the North Fork Pit River, was constructed in 1895, and is in poor condition with several dam safety deficiencies related to slope stability, piping of embankment and foundation materials, and spillway capacity. GEI was retained to develop final designs for the embankment rehabilitation. Performed the field investigation by rock core drilling four (4) boreholes with depth ranging from 25 to 40 feet.

New Bullards Bar Dam Secondary Spillway Project, Yuba County Water Agency, Marysville, CA. Field and Project Geologist during investigations to support the final design of the New Bullards Bar Reservoir Secondary Spillway Project. The proposed secondary spillway structure will consist of an approach channel, an intake structure, a conveyance tunnel, and a downstream spillway outlet structure. Logged 5 rock-coring borings ranging in depth from 50 to 200 feet. Bedrock consists of Jurassic-age metamorphic rocks of the Smartville ophiolite which consists primarily of amphibolites, amphibolite schist, meta-andesite, and minor felsic rock materials.

Nacimiento and San Antonio Reservoir Studies, Monterey County Water Resources Agency, Monterey, CA. Participated in quality of engineering geologist at the Potential Failure Mode Analysis (PFMA) Workshop for Nacimiento Dam. The PFMA process was used to identify, evaluate, and categorize potential failure modes for the dam embankment, foundation, abutments, low-level outlet, power plant, and other appurtenances. The dam is located on the Nacimiento River, about 13 miles northwest of the City of Paso Robles. It is a zoned earthfill embankment with maximum height of about 210 feet from the streambed to the crest, crest length of 1,630 feet and crest width of 30 feet at crest elevation 825 feet.

Amethyst Basin Geotechnical Investigation, San Bernardino County Flood Control District, Victorville, CA. Field geologist during the geotechnical investigation to construct Amethyst Basin in the City of Victorville, along Oro Grande Wash that discharges into the Mojave River. The main purpose of the basin is to provide flood control protection; the secondary purpose is to recharge the groundwater for water supply purposes. The geotechnical work plan included borings, test pits, and infiltration tests. As a field geologist, logged 11 hollow-stem auger borings with depth ranging from 45 to 90 feet below ground surface to obtain information on subsurface stratigraphy, and obtain samples for laboratory testing.

B – Cost Estimate

Attachment B
Labor and Direct Cost Estimate
2024 Dam Safety Instrumentation Reports

Task No.	Description	Labor Estimates								Total Estimate for 2024 GEI Labor Fee			Suvey Sub Fee Pre-Markup	Suvey Sub Markup (15%)	Total 2024 Fee
		Rettberg		Rufini		Uzcategui / Phradachith		Admin							
		Principle-in-Charge		Engineering Lead		Engineering Support		Report Preparation		Hrs	Labor	Total			
		Hrs	\$356	Hrs	\$318	Hrs	\$199	Hrs	\$132						
1a	Review and Analysis of Surveillance Data	2	\$712	4	\$1,272	8	\$1,592			14	\$3,576	\$3,576			\$3,576
1b	Onsite Inspection (2 dams)			24	\$7,632					24	\$7,632	\$7,632			\$7,632
1c	Horizontal and Vertical Surveys (2 dams)			10	\$3,180	2	\$398			12	\$3,578	\$3,578	\$3,550	\$533	\$7,661
1d	Prepare Written Surveillance Reports	4	\$1,424	8	\$2,544	16	\$3,184	2	\$264	30	\$7,416	\$7,416			\$7,416
2	Provide Other Assistance to the District														
	HOURS Subtotal Task 1	6		46		26		2		80		80			
	Total Task 1 (2024)		\$2,136		\$14,628		\$5,174		\$264		\$22,202	\$22,202	\$3,550	\$533	\$26,285

Notes

1. 2024 Rates for On-Call Dam Safety Engineering Services
2. GEI rates for 2025 and 2026 are increased to 5% annually.
3. RAR (survey subcontractor) rates are \$3,750 for 2025 and \$3,950 for 2026.

Total Estimate for 2025	\$27,625
Total Estimate for 2026	\$29,020

TOTAL - 3YRS - \$82,930

C – GEI 2024 Fee Schedule

FEE SCHEDULE

<u>Personnel Category</u>	<u>Hourly Billing Rate</u> <u>\$ per hour</u>
Staff Professional – Grade 1	\$ 147
Staff Professional – Grade 2	\$ 162
Project Professional – Grade 3	\$ 177
Project Professional – Grade 4	\$ 199
Senior Professional – Grade 5	\$ 235
Senior Professional – Grade 6	\$ 267
Senior Professional – Grade 7	\$ 318
Senior Consultant – Grade 8	\$ 356
Senior Consultant – Grade 9	\$ 434
Senior Principal – Grade 10	\$ 434

Senior Drafter and Designer	\$ 177
Drafter / Designer and Senior Technician	\$ 162
Field Professional	\$ 133
Technician, Word Processor, Administrative Staff	\$ 132
Office Aide	\$ 103

These rates are billed for both regular and overtime hours in all categories.

Rates will increase up to 5% annually, at GEI's option, for all contracts that extend beyond twelve (12) months after the date of the contract. Rates for Deposition and Testimony are increased 1.5 times.

OTHER PROJECT COSTS

Subconsultants, Subcontractors and Other Project Expenses - All costs for subconsultants, subcontractors and other project expenses will be billed at cost plus a 15% service charge. Examples of such expenses ordinarily charged to projects are subcontractors; subconsultants: chemical laboratory charges; rented or leased field and laboratory equipment; outside printing and reproduction; communications and mailing charges; reproduction expenses; shipping costs for samples and equipment; disposal of samples; rental vehicles; fares for travel on public carriers; special fees for insurance certificates, permits, licenses, etc.; fees for restoration of paving or land due to field exploration, etc.; state and local sales and use taxes and state taxes on GEI fees. The 15% service charge will not apply to GEI-owned equipment and vehicles or in-house reproduction expenses.

Field and Laboratory Equipment Billing Rates – GEI-owned field and laboratory equipment such as pumps, sampling equipment, monitoring instrumentation, field density equipment, portable gas chromatographs, etc. will be billed at a daily, weekly, or monthly rate, as needed for the project. Expendable supplies are billed at a unit rate.

Transportation and Subsistence - Automobile expenses for GEI or employee owned cars will be charged at the rate per mile set by the Internal Revenue Service for tax purposes plus tolls and parking charges or at a day rate negotiated for each project. When required for a project, four-wheel drive vehicles owned by GEI or the employees will be billed at a daily rate appropriate for those vehicles. Per diem living costs for personnel on assignment away from their home office will be negotiated for each project.

PAYMENT TERMS

Invoices will be submitted monthly or upon completion of a specified scope of service, as described in the accompanying contract (proposal, project, or agreement document that is signed and dated by GEI and CLIENT).

Payment is due upon receipt of the invoice. Interest will accrue at the rate of 1% of the invoice amount per month, for amounts that remain unpaid more than 30 days after the invoice date. All payments will be made by either check or electronic transfer to the address specified by GEI and will include reference to GEI's invoice number.



PARADISE IRRIGATION DISTRICT

6332 Clark Road * Paradise, California 95969 * Phone 530-877-4971 * Fax 530-876-0483

TO: Board of Directors

**FROM: Tom Lando, District Manager
Bill Taylor, Assistant Engineer**

DATE: December 11, 2023

RE: Proposal to Prepare Plan and Schedule, Develop Recommendations for Maintenance and Repair, and Perform Additional Assessments (Phase IIA) Paradise Dam, DSOD Dam No. 73-000, Paradise, California (Butte County) – Letter from DSOD & Proposal Attached

August 24, 2023, Department of Water Resources, Department of Safety of Dams (DSOD) issued a reply letter to our Phase I Spillway Condition Assessment Report for Paradise Dam that was prepared by Genterra Consultants and submitted to DSOD on May 9, 2018.

In the reply letter from DSOD, they concur with Genterra's recommendations and request repairs, maintenance, and further Assessments (Phase IIA) take place.

Due to the fact that Genterra Consultants prepared a bid proposal and was awarded the contract to perform the Phase I Assessment, and is familiar with what will be needed for the next portion, the District requested Genterra submit a proposal for the next portion of the spillway project.

Genterra has been working with the District off and on for several years now. They are well respected by DSOD and have been very beneficial to have working for us on the latest dam projects (spillway evaluation and repair). Due to Genterra's knowledge of our dams, their experience working with DSOD, and our current workload, we are recommending to sole source their proposals for this work.

The recommended form of motion would be:

"I move to authorize acceptance of the proposal from Genterra Consultants, Inc. to perform the services described in the Proposal to Prepare Plan and Schedule, Develop Recommendations for Maintenance and Repair, and Perform Additional Assessment Tasks Phase IIA-1 to 5 for a Total Cost of \$ 111,634.00."

November 30, 2023

P2792

Mr. Bill Taylor
Paradise Irrigation District
6332 Clark Road
Paradise, CA 95969-4146

Subject: Proposal to Prepare Plan and Schedule, Develop Recommendations for Maintenance and Repair, and Perform Additional Assessments (Phase IIA)
Paradise Dam, DSOD Dam No. 73-000, Paradise, California (Butte County)

Dear Mr. Taylor,

GENTERRA Consultants, Inc. (GENTERRA) is pleased to present to the Paradise Irrigation District (PID) this draft proposal with our scope of work for preparing the plan and schedule for implementing the items requested by the State of California Division of Safety of Dams (DSOD) for the spillway of Paradise Dam. This proposal is submitted pursuant to the request of PID for a proposal with the required scope of work to cover items needed to comply with the request from the State of California Division of Safety of Dams (DSOD) in their letter dated August 24, 2023. As required by the DSOD, a plan and schedule to implement the spillway repair recommendations, assessments, inspections, and analyses should be submitted to the DSOD as soon as possible to avoid a reminder request from the DSOD. Also, in the plan and schedule, DSOD's comments should be addressed.

GENTERRA will commit a qualified and experienced team of professionals and support personnel to this project. The Project Manager/Senior Principal Engineer for our services on both of the PID dams is Joseph J. Kulikowski, P.E., G.E. Mr. Kulikowski has more than 50 years of experience in civil and geotechnical engineering, with most of that time involved with the design and evaluation of dams. He spent almost seven years early in his career as an engineer with the DSOD performing design review, construction review, and inspection and monitoring review of dams. Since then, he has been a Principal with consulting firms specializing in dams in California and other states. He has extensive experience in coordination and review with DSOD representatives. Mr. Kulikowski is a Registered Civil Engineer and a Registered Geotechnical Engineer in the State of California. He is a Fellow in the American Society of Civil Engineers and is a member of the U.S. Society on Dams (USSD), the Association of State Dam Safety Officials (ASDSO) and the Society of American Military Engineers (SAME). He has been Project Manager and Principal-In-Charge on work being performed during the past 28 years by GENTERRA for many other water districts and flood control districts and for the U.S. Army Corps of Engineers, the Natural Resources Conservation Service and the U.S. Department of Justice.

Other qualified GENTERRA personnel assigned to this project include Dr. Soma Balachandran, Ph.D., P.E., G.E., Vice President and Principal Engineer, Douglas A. Harriman, P.E., Vice President and Principal Engineer, Mike Wolff, P.G., C.E.G., Associate Geologist, Andrew R. Blystra, P.E., Associate Civil Engineer, Chuck Hutton, P.E., Associate Structural Engineer, Mike Knarr, P.E., S.E., Associate Structural Engineer, Shuyu Liu, P.E., Senior Project Engineer, Scott T. Anderson, P.E., Senior Project Engineer and J. William Kulikowski, Supervisory Technician, as well as other support personnel with experience in dam design including spillway and remedial

design for dams and spillways. They have all been key project team members on projects for clients mentioned above.

BACKGROUND

GENTERRA has been providing consulting engineering services on Paradise Dam and Reservoir for the PID since 1999. As one of our projects, GENTERRA had performed a Phase I Spillway Condition Assessment for Paradise Dam in 2018 and submitted a draft report to the DSOD for review and comment. In that report, a total of 22 recommendations were prioritized as either Level A, Level B or Level C designating our opinion of the relative importance and urgency for each of these recommendations, with a rating of Level A being the most important. Based on those recommendations and the requests from the DSOD, we plan to develop the plan and schedule for for implementation of the spillway repair recommendations, assessments, inspections, and analyses as discussed below under Proposed Scope of Work.

PROPOSED SCOPE OF WORK

GENTERRA proposes to perform the following tasks to provide the services that would be required for implementing risk-reduction measures and long-term repair of the spillway at Paradise Dam. We are referring to the proposed work as Phase IIA. Please note that no destructive testing or investigation techniques were permitted by DSOD to be performed in the Phase I Spillway Condition Assessment, so Phase IIA will be our first effort at obtaining specific current physical information on the properties of natural and man-made materials in the spillway.

Please note that this proposal covers the scope of work and associated cost for Tasks IIA-1 through II-5 ONLY. The other remaining tasks, Tasks IIA-6 through IIA-12, are briefly described below with anticipated maximum ballpark cost estimates so that PID can utilize this information for planning and budget allocation purposes for the coming years.

Task IIA-1: Prepare Plan and Schedule for Maintenance, Repair and Additional Work

In Task IIA-1, GENTERRA will prepare a plan and schedule to implement the spillway repair recommendations, assessments, inspections, and analyses. This plan and schedule will also address DSOD's comments provided in the DSOD letter dated August 24, 2023. This is the first submittal expected by the DSOD and it should be submitted to them as soon as possible. The plan and schedule to be prepared under this Task IIA-1 will consist of developing a plan and schedule for the several items that were requested by the DSOD:

- Develop plan and schedule to perform a site visit and visual observations to understand the present conditions of items that need to be addressed in accordance with the DSOD letter dated August 24, 2023. The site visit and visual observation task is further discussed below under Task IIA-2;
- Develop plan and schedule for preparation of recommendations for maintenance and immediate repairs. The task related to developing recommendations for maintenance and immediate repair is further discussed below under Task IIA-3;

- Develop plan and schedule for preparation of recommendations to prevent backflow into weep holes and drains. The task related to developing recommendations to prevent backflow into weep holes and drains is further discussed below under Task IIA-4;
- Develop plan and schedule for video inspections of weep holes and spillway drain system. The task related to performing video inspections of weep holes and spillway drain system is further discussed below under Task IIA-5;
- Develop plan and schedule for performing concrete coring of chute slab and walls and lab testing on concrete cores. The task related to performing concrete coring of chute slab and walls and lab testing on concrete cores is further discussed below under Task IIA-6;
- Develop plan and schedule for installation of piezometers adjacent to the left and right spillway walls. The task related to installation of piezometers adjacent to the left and right spillway walls is further discussed below under Task IIA-7;
- Develop plan and schedule for performing hydraulic analysis of spillway. The task related to performing hydraulic analysis of spillway is further discussed below under Task IIA-8;
- Develop plan and schedule for performing stability evaluation of spillway structure. The task related to performing stability evaluation of spillway structure is further discussed below under Task IIA-9;
- Develop plan and schedule for performing erodibility analysis of the slopes and plunge pool area immediately downstream of the flip bucket located at the end of the spillway chute. The task related to performing erodibility analysis is further discussed below under Task IIA-10;
- Develop plan and schedule to perform design of armoring related to the slopes and plunge pool area immediately downstream of the flip bucket. The task related to performing design of armoring is further discussed below under Task IIA-11; and,
- Develop plan and schedule to develop recommendations for surface runoff management. The task related to developing recommendations for surface runoff management is further discussed below under Task IIA-12.

Task IIA-2: Site Visit and Visual Observations Visual Observations

In this task, GENTERRA and PID representatives will perform a site visit and visual observations to observe the existing conditions of the spillway structure and adjacent areas. This field evaluation will enable the project team to identify the overall existing conditions of the spillway structure, the areas around the spillway structure, the plunge pool area, and the spillway channel. Information collected from this site visit and visual observations will be utilized to complete the remaining tasks discussed below in this proposal.

Task IIA-3: Develop Recommendations for Maintenance and Immediate Repairs

In this task, PID and GENTERRA will have discussions with DSOD to further discuss and explain the proposed locations and scope of the proposed repairs.

GENTERRA will prepare sketches and procedures for cleaning and repairing of contraction joints, especially for contraction joints where seepage has been emerging into the spillway chute.

GENTERRA will also write procedures to seal all joints constructed without waterstops as a maintenance alternative. If joint sealing is determined to be a feasible alternative by GENTERRA, then GENTERRA will submit the procedures and joint sealing product details to PID and DSOD for review and approval. If seals are applied to seal all joints, then seals would need to be maintained as part of ongoing, regular spillway maintenance. Please note that the as-built drawings indicate that waterstops were generally not included at the transverse slab joints except for the first joint downstream of the ogee weir structure.

In the areas with potential voids, filling of voids would be done first, followed by filling and sealing of the cracks.

Please note that, as part of the cleaning that will be needed prior to sealing existing joints, all existing soil materials and accumulated debris over the spillway slab and joints will need to be removed. Also, any delaminated pieces of the spillway slab will also need to be removed. An acceptable cleaning procedure will be selected based on discussions with PID and the DSOD.

In this task, GENTERRA will also develop procedures for repairing broken, cracked, spalled, or otherwise damaged concrete in the spillway chute slab and walls.

Task IIA-4: Develop Recommendations to Prevent Backflow into Weep Holes & Drains

Based on GENTERRA's and DSOD's review, the drain outfalls and weep holes within the chute are susceptible to backflow during spilling events, especially due to the low heights of these features above the spillway chute slab.

In this task, GENTERRA will develop recommendations for risk-reduction measures for implementation by PID to address the potential for backflow through drains and weep holes.

GENTERRA's recommendations will be submitted for review and approval by PID and the DSOD before implementation by PID.

Task IIA-5: Video Inspections of Weep Holes & Drains

In this task, GENTERRA will perform video inspections of all weep holes and accessible portions of the spillway drain system using a wireless borescope inspection camera and/or a portable pipeline inspection camera.

Prior to starting the proposed video inspections, GENTERRA will request PID to perform a careful cleaning of weep holes and drains.

GENTERRA will prepare a report with findings of video inspections of weep holes and drains, together with recommendations for any needed cleaning of weep holes and drains.

The estimated cost for Tasks IIA-1 through IIA-5 are shown on a spreadsheet attached to this proposal. We are only requesting approval for the scope and cost for Tasks IIA-1 through IIA-5 at this time, because the extent and costs for Tasks IIA-6 through IIA-12 are dependent on the results of Tasks IIA-1 through IIA-5 and the DSOD comments or approval of the approach to be presented in the Plan and Schedule submittal and approval of the Work Plans to be submitted related to Tasks IIA-6 and IIA-7.

Tasks IIA-6 through IIA-12 are briefly described below with anticipated maximum ballpark cost estimates so that PID can utilize this information for planning and budget allocation purposes for the coming years. The scope of work and associated costs related to Tasks IIA-6 through IIA-12 will be developed later and should be reviewed and approved by PID later under a separate authorization after completion of initial Tasks IIA-1 through IIA-5.

Task IIA-6: Concrete Coring of Chute Slab and Walls and Lab Testing

In this task, GENTERRA will perform concrete coring of chute slab and walls and lab testing on concrete cores. In order to develop ballpark cost estimates, it is assumed that ten (10) cores will be collected from the spillway chute slab and 12 cores will be collected from spillway walls at the locations as selected by GENTERRA and approved by PID and the DSOD.

Prior to performing this work, a Work Plan describing the proposed work, together with an alteration application, will be submitted to the DSOD for review and approval.

GENTERRA plans to utilize subcontractors under our coordination and observation to perform the coring and concrete lab testing.

The results of the coring program will be used to confirm the Phase I GPR survey results.

The anticipated maximum ballpark cost estimate for concrete coring of chute slab and walls, and lab testing is about \$140,000.

Task IIA-7: Installation of Piezometers

In this task, GENTERRA will install six (6) piezometers to observe groundwater levels on adjacent areas behind the spillway walls. Three (3) piezometers will be installed behind the left spillway wall and another three (3) piezometers will be installed behind the right spillway wall.

Prior to performing this work, a Work Plan describing the proposed work as well as an alteration application will be submitted to the DSOD for review and approval. The DSOD may ask for more piezometers than what is proposed here.

GENTERRA plans to utilize a drilling subcontractor to install proposed piezometers.

The anticipated maximum ballpark cost estimate for installing six (6) piezometers is about \$100,000.

Task IIA-8: Hydraulic Analysis of Spillway

In this task, a hydraulic analysis of the spillway will be conducted to determine flow depths, stream power, and cavitation potential. The analysis will include four spillway discharge values at 25% and 100% of the design discharge. It is proposed to use the computational fluid dynamics (CFD) software FLOW-3D. The program uses numerical methods to track the location of surfaces and to apply the proper dynamic boundary conditions at those surfaces. A 3-D analysis is required for evaluating turbulent and complex flow conditions throughout the spillway and exit channel. The results of the CFD analyses will be used as input parameters for Tasks IIA-10 and IIA-11. The results will also be used to determine if modifications to the spillway are required.

The anticipated maximum ballpark cost estimate for performing hydraulic analysis of spillway is about \$75,000 for two spillway discharge cases (25% and 100% of the design discharge). The DSOD may ask for 50% and 75% of the design discharge analysis as well, in that case the cost will be around \$100,000.

Task IIA-9: Stability Evaluation of Spillway

In this task, GENTERRA will perform a stability evaluation of the spillway using piezometric information to be collected from proposed piezometers discussed in Tasks IIA-7. As requested by the DSOD, stability evaluation of the spillway is needed due to the potential for drain system backflow, lack of anchors on walls and floor slabs, and persistent seepage at joints.

Please note that at least one year of piezometric data is needed to perform the proposed stability evaluation. So, this task will not commence until one (1) year after completion of the installation of the proposed piezometers.

GENTERRA will prepare a report with the results of the stability evaluation and necessary mitigation design recommendations for consideration by PID and DSOD to improve the stability of the spillway structure.

The anticipated maximum ballpark cost estimate for performing stability evaluation is about \$75,000.

Task IIA-10: Erodibility Analysis

In this task, the erodibility analysis of the spillway rock slope and plunge pool will be conducted using the Erodibility Index Method. Inputs for this analysis include rock joint spacing, joint orientation, joint condition, rock lithology, and rock strength parameters obtained from the geological investigation. Stream power is an input obtained from the FLOW-3D output. Analyses will be made using the results of the four flow conditions analyzed in Task IIA-8.

The anticipated maximum ballpark cost estimate for performing the erodibility analysis is about \$50,000.

Task IIA-11: Design of Armoring

In this task, using the results of Task IIA-10, alternatives for armoring the rock slope and plunge pool will be evaluated. Armoring alternatives will include, but not necessarily be limited to, buttressing, surface protection, and reinforcement. Based on the results of the alternatives analysis, the most cost-effective alternative consistent with site conditions will be selected for design. Dynamic loading conditions from the Task IIA-8 results will be used in the design. Drainage provisions will be included in the design.

In this task, GENTERRA will also prepare plans, specifications, and engineer's cost estimate for use by PID to get bids from potential contractors. Plans and specifications will be submitted to the DSOD for review and approval before it is used by PID to get bids from contractors.

The anticipated maximum ballpark cost estimate for design of armoring is about \$45,000.

Task IIA-12: Design of Surface Runoff Management System

Surface runoff from the hillside behind the left wall of the spillway is entering the spillway. This task includes conducting a hydrologic investigation to determine a design runoff to be diverted from the spillway. Alternatives for diverting the runoff away from the spillway will be studied. Alternatives may include, but not necessarily be limited to, ditches, berms, pipes, or combinations thereof. If possible, the runoff will be diverted into the reservoir. If required, erosion control measures will be included in the design. In this task, GENTERRA will also prepare plans, specifications, and engineer's cost estimate for use by PID to get bids from contractors. Plans and specifications will be submitted to the DSOD for review and approval before they are used by PID to get bids from contractors.

The anticipated maximum ballpark cost estimate for design of design of surface runoff management system is about \$40,000.

COST ESTIMATE

We are ONLY submitting the detailed cost estimates for Tasks IIA-1 through IIA-5, and we are only requesting approval for the scope and cost for Tasks IIA-1 through IIA-5 at this time because the extent and costs for Tasks IIA-6 through IIA-12 are dependent on the results of Tasks IIA-1 through IIA-5, as well as the DSOD comments or approval of the approach to be presented in the Plan and Schedule submittal. We will also need to get PID and the DSOD review and approval of the Work Plans that will need to be submitted for Tasks IIA-6 and IIA-7 before those tasks can be done.

The services in Tasks IIA-1 through IIA-5 related to the spillway of Paradise Dam will be performed on a time-and-materials basis in accordance with our 2023 Professional Fee Schedule.

We need approval from PID soon to proceed with Tasks IIA-1 through IIA-5 so that we can complete the plan and schedule and get PID review comments and approval for submittal to

DSOD before DSOD sends a reminder to PID to submit the Plan and Schedule to implement the spillway repair recommendations, assessments, inspections, and analyses.

GENTERRA personnel will be provided from our Sacramento and Irvine offices. All travel time and expenses will be determined from our Sacramento office location.

AUTHORIZATION

After we receive notification of your agreement with this scope of work and budget, we will prepare our Work Authorization and Agreement form for your review and signature, or we will review and execute a Purchase Order and/or Consulting Agreement.

This proposal has been prepared at our own expense using our professional experience and judgement and should not be shared with anyone outside of PID and the DSOD without our prior knowledge and approval.

Thank you for this opportunity to provide PID with our continued services. We appreciate working with PID to maintain the safety of these important facilities. Please contact me by email at joekul@genterra.com or by phone at (949) 753-8766 if you have any questions or wish to discuss any aspect of this proposal.

Sincerely,
GENTERRA Consultants, Inc.



Joseph J. Kulikowski, P.E., G.E.
President/Senior Principal Engineer

Enclosures: Cost Estimate Spreadsheet for Tasks IIA-1 through IIA-5
2023 Professional Fee Schedule



GENTERRA CONSULTANTS, INC.
2023 PROFESSIONAL FEE SCHEDULE
ENGINEERING AND GEOTECHNICAL CONSULTING SERVICES

FEES FOR PROFESSIONAL, TECHNICAL AND SUPPORT STAFF

GENTERRA Consultants, Inc. charges our clients for professional, technical and support services for time directly related to a project. Charges are not made for ordinary secretarial services, office management, accounting, maintenance, or other activities not directly related to a project. Current personnel classifications and rates are summarized below:

<u>PERSONNEL CLASSIFICATION</u>	<u>RATE (\$ PER HOUR)</u>
Office Assistant ⁽¹⁾ (OFC ASST).....	75
Word Processor/Typist ⁽¹⁾ (WORD PROC).....	95
Draftsperson/Technical Illustrator ⁽¹⁾ (TI)	115
Field/Laboratory Technician ⁽¹⁾ (TECH)	125
Senior Field/Laboratory Technician ⁽¹⁾ and CAD Designer ⁽¹⁾ (SR TECH/CAD)	155
Supervisory Technician/Field Operations Manager ⁽¹⁾ (SUPV TECH)	180
Staff Engineer/Geologist/Scientist ⁽¹⁾ (STAFF).....	190
Senior Staff Engineer/Geologist/Scientist ⁽¹⁾ (SR STAFF)	205
Project Engineer/Geologist/Scientist (PROJECT).....	230
Senior Project Engineer/Geologist/Scientist (SR PROJECT).....	255
Associate (ASSOC)	275
Senior Associate (SR ASSOC)	285
Principal (PRINC).....	310
Senior Principal (SR PRINC)	345

⁽¹⁾ Overtime will be charged at 1.25 times the above listed rates for these personnel classifications. Prevailing wage rates will be applied for field personnel when required based on published rates for the project location. Overtime is defined as time charged to a project in excess of eight (8) hours per day and time worked on weekends and holidays.

Contract technical personnel, if used on a project, may be charged at the hourly rates listed above. Travel time will be charged at regular hourly rates.

Charges for services related to court appearances and for expert witness testimony will be 175% of regular hourly rates, with a minimum daily charge of four (4) hours, plus expenses. Preparation for testimony for all expert and support personnel will be charged at regular hourly rates.

PROJECT-RELATED EXPENSES

Expenses directly related to a project will be billed as follows:

Subcontractors (drilling, trenching, surveying, testing, etc.), travel-related expenses (hotels, meals, vehicle rentals, air travel, etc.) and other project expenses (e.g., aerial photographs, outside reprographics, equipment rental, overnight shipping, project-related expendable supplies, etc.) will be charged at cost plus 15 percent.

Nuclear density gauges used on projects will each be charged at the rate of \$100.00 per day. A water level indicator used for wells and piezometers will be charged at the rate of \$55.00 per day.

Video inspection equipment rates will be provided in advance of use on each project. The video inspection equipment consists of a Well-Vu camera model #WV-C500FE with a digital video command console model #WV-DVCC15.

Geophysical Survey Refraction Microtremor (ReMi) equipment rates will be provided in advance of use on each project.

Rates for other special field equipment will be provided in advance of use on each project.

In-house photocopy/ reproduction will be billed at \$0.15 per page for black-and-white copies and \$1.50 per page for color copies and color digital photographs, unless shown otherwise in cost proposal.

Mileage for project-related travel will be billed at the 2023 Federal Approved Mileage Rate of \$0.655 per mile. Field vehicles used for site investigations and during construction are billed at \$25.00 per hour plus mileage charges.

Charges for laboratory soils testing are shown on a separate fee schedule.

CHANGES TO FEE SCHEDULE

This fee schedule applies to services rendered in the current year and/or until a new fee schedule is issued. GENTERRA Consultants, Inc. (GENTERRA) reviews and revises our fee schedule periodically. Unless other arrangements have been made, charges for services (including continuing projects initiated in the prior year) will be based on the most recently published fee schedule.

INVOICES

Invoices will be issued monthly, or at other specified intervals for some projects, and will be payable upon receipt unless other arrangements have been agreed upon. Interest of one percent per month (but not exceeding the maximum rate allowed by law) will be payable on accounts not paid within 30 days unless prior agreement is made for other terms. Any attorney's fees or other costs incurred in collecting any delinquent account shall be paid by the client.

A retainer of 50 percent is generally required for projects in which the cost of field studies and/or equipment account for more than 50 percent of the total fee. In projects involving expert witness in litigation cases or forensics, we will require a retainer to be established at the time of authorization.

CONDITIONS

GENTERRA warrants that its services are performed, within the limits prescribed by our clients, in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. No other warranty, either express or implied, is included or intended in GENTERRA's proposals, contracts or reports.

DISCLOSURE

On projects involving site investigations and/or evaluations of prior geotechnical reports by others, Client agrees to provide all information in Client's possession pertinent to actual or possible presence of hazardous materials and utilities on the site and agrees to compensate GENTERRA for all costs associated with the unanticipated discovery of hazardous materials or damage to utilities not previously identified by the Client.



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: December 12, 2023

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Contract Amendment CPS-HR – Time Extension Compensation Study
12/20/2023 Board of Directors Meeting

Attached is the proposed amendment to our contract with CPS-HR for our Classification and Total Compensation Study. The amendment only extends our timeline to May of 2023. There is no change in cost.

The recommended form of motion would be:

"I move to approve the first amendment to the agreement between CPS HR and Paradise Irrigation District for the Classification and Total Compensation Study."



First Amendment to AGREEMENT

THIS FIRST AMENDMENT (this “Amendment”) is made by and between Cooperative Personnel Services dba **CPS HR Consulting**, (“CPS HR”) located at 2450 Del Paso Road, Ste 220, Sacramento, California, 95834 and the **Paradise Irrigation District**, an irrigation district formed and existing under Division 11 of the California Water Code (“Client”) with offices at 6332 Clark Road, Paradise, CA 95969.

Whereas, CPS HR and Client have entered into the Agreement (as defined below); and

Whereas, CPS HR and Client desire to modify the Agreement on the terms and conditions set forth herein;

Now, therefore, CPS HR and Client agree as follows:

1. **Definitions:** The following definitions shall apply to this Amendment:
 - (a) **Agreement.** The term “Agreement” shall mean the Agreement dated **February 1, 2023** by and between CPS HR and Client.
 - (b) **Other Terms.** Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Agreement.
2. **Modifications to the Agreement.** The Agreement is hereby modified to update the schedule of services as follows:

II. SCHEDULE

PROJECT TIMELINE

Upon receipt of the approved project parameters, CPS HR will begin the process of data collection. Below are the next set of study phases and the anticipated task completion dates. Projected completion dates are subject to change and are contingent upon data and/or requested documents received by CPS HR by December 7, 2023, labor market agencies and other related factors. Any alteration to task completion dates may delay the study timeline or final deliverables and will be discussed as deadlines approach. After the data collection and analysis phases are completed, a review and finalization phase will be conducted after Paradise irrigation District provides feedback and/or approves the job matches and data collection results.

Total Compensation Study Phases	Projected Completion Dates (Updated)
Project Parameters approval	November 2023
Review client documents; create benchmark summaries; finalize benefit elements	December 2023
Collection of salary and job matching data	December 2023
Collection of benefits data	December-January 2023
Provision of job matches for review and approval	February 2024
Client job matching review phase and approval of job matches	February 2024
Salary recommendations	March 2024
Send client final project report and deliverables	April 2024 (Estimated)

It is assumed that the Client will be responsive to the delivery of all draft deliverables and all subsequent revisions as defined in an agreed upon project timeline. Unanticipated revisions or delays to the project timeline could result in a need for an addendum to the contract related to contract end date, staff assignments, and/or pricing. Any addenda will be discussed in a timely manner with the Client.

3. **Effective Date.** Each of the modifications set forth in Section 2 shall be effective on and after December 8, 2023.
4. **Legal Effect.** Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, CPS HR and CLIENT have executed this Amendment as of the date below.

**Cooperative Personnel Services dba
CPS HR Consulting**

Paradise Irrigation District

By: Sandy MacDonald-Hopp
Authorized Signature

Name: Sandy MacDonald-Hopp

Title: Chief Financial Officer

By: _____
Authorized Signature

Name: _____

Title: _____



Paradise Irrigation District

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

"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." [Please consider how this agenda item relates to our mission](#)

TO: Board of Directors

FROM: Mark Cavalli, District Maintenance Person
Mickey Rich, Assistant District Manager

DATE: December 13, 2023

RE: PID Electronic Sign
12/20/2023 Board of Directors Meeting

Paradise Irrigation District is looking to upgrade the street-front sign that is currently located outside of the Main Office on Clark Road. Visual Impact signs has provided the attached mock-ups and quotes for different sized electronic signs that include an illuminated PID logo, and an almost endless possibility software system to display messages, important notices, updates, etc.

Visual Impact Signs	Cost
Option 1 (Largest size)	\$97,507.71
Option 2 (Medium size)	Price wasn't quoted, but will be in the middle of Options 1 & 2
Option 3 (Smallest size)	\$75,119.27

Price Includes: Fabrication and installation of electronic message board according to approved artwork, engineering fees and permit procurement and permit fees. Electrical is left blank on the quote because there is already power ran to the current sign.

The following motion is recommended:

"I move to approve the upgrade of PID's signage on Clark Road to electronic sign Option # _____ in an amount not to exceed \$ _____ by Visual Impact Signs."



326 B Street • Yuba City, CA 95991 • Ph (530) 755-9996 • Lic. No. 951979

Quotes good for 30 days from proposal date.

PROPOSAL AND SECURITY AGREEMENT

SUBMITTED TO:
Paradise Irrigation District
Mark Cavalli
6332 Clark Road
Paradise, CA 95969

Date: 9/7/2023

BY: Adel Mitchell-Miles

JOB LOCATION (if different):
Same

mcavalli@paradiseirrigation.com
530-519-6628

GENERAL DESCRIPTION:

		EACH	EXTENDED
Remove and dispose of existing sign. Sawcut / unbolt at base, leave concrete.	1	\$660.00	\$660.00
OPTION 1: Fabricate and install one double sided 50.4" x 151.2" electronic message board sign according to approved artwork. \$88,450	1	\$88,450.00	\$88,450.00
OPTION 2: \$94,850			
Electrical - TBD.			
Engineering Fees - Estimated engineering fee. Actual fees are determined by engineer and will be adjusted on final billing.	1	\$500.00	\$500.00
Permit Procurement - Permit drawings and permit submittal to City County. Includes submitting to planning & building departments. (Variances, additional city/county requirements and design changes to be billed separately as a change order.)	1	\$200.00	\$200.00
Permit Fees - Estimated permit fee. Actual fees are determined by City / County and will be adjusted on final billing.	1	\$1,850.00	\$1,850.00

- PRICE BASED ON DIMENSIONS NOTED. CHANGE ORDERS MAY APPLY IF DIMENSIONS VARY.
- LANDLORD APPROVAL IS THE RESPONSIBILITY OF THE PURCHASER
- ELECTRICAL SERVICE TO SIGN LOCATION(S) WILL BE CUSTOMERS RESPONSIBILITY
- REBAR IN CONCRETE WALLS CAUSING EXCESSIVE DRILLING TIME IS NOT INCLUDED
- CALICHE OR OTHER OBSTRUCTIONS IN GROUND CAUSING EXCESSIVE DRILLING TIME IS NOT INCLUDED
- OBSTRUCTIONS / INABILITY TO ACCESS ELECTRICAL WILL BE ADDRESSED AS A CHANGE ORDER.
- PERMIT FEES, ENGINEERING FEES, CERTIFIED INSPECTION FEES AND TIME TO OBTAIN ARE NOT INCLUDED IN CONTRACT AND WILL BE BILLED ACCORDINGLY
- CONTRACT PRICE IS SUBJECT TO CHANGE BASED UPON APPROVED ENGINEERING

Time is of the essence of this agreement. This proposal shall be deemed accepted within 30 days by Customer. Upon acceptance by signature below. Customer hereby purchases and Visual Impact Signs hereby sells the SIGN herein described. Payment in full is due upon project completion. Project completion is defined as the date on which the SIGN is installed and working properly. Accounts 30 days overdue shall incur interest at a rate of 1.17% per month (14% per annum) until paid in full. To secure payment of the purchase price herein and all other obligations of Customer to Visual Impact Signs arising from this or any other transaction, additions, accessories, replacements thereto, and proceeds, under the terms and conditions expressed herein and on the reverse side of this form.

Customer and Visual Impact Signs agree that regardless of the manner of affiliation, the SIGN shall remain personal property and not become part of the real estate. Conditional (installment) sale, lease or loan/lease terms and conditions shall be set forth in a written Addendum to this agreement and shall be effective as a modification of this agreement only if in writing signed by Visual Impact Signs and Customer. An oral agreement shall be binding. Visual Impact Signs hereby guarantees workmanship and materials for a period of one year from date of completion, except that work taking and lamps are guaranteed for a period of 90 days from completion. Customer hereby warrants and represents that he has read, understands and agrees to be bound by the terms and conditions set forth

..... \$ **\$91,660.00**

TAX \$5,847.71

TOTAL \$97,507.71

50% DEPOSIT \$48,753.85

BALANCE \$48,753.85
Due Upon Completion

OPTION 1 Breakdown

ACCEPTED FOR VISUAL IMPACT SIGNS (SECURED PARTY):

Adel Mitchell-Miles

Title: No. Cal. Sign Sales / Pres.

Signature:

Date: 9/7/2023

PURCHASE ACCEPTED (DEBTOR):

[Owner/Authorized Agent]

Title:

Signature:

Date:



326 B Street • Yuba City, CA 95991 • Ph (530) 755-9996 • Lic. No. 951979

Quotes good for 30 days from proposal date.

PROPOSAL AND SECURITY AGREEMENT

SUBMITTED TO:
Paradise Irrigation District
Mark Cavalli
6332 Clark Road
Paradise, CA 95969

Date 9/29/2023

BY: Adel Mitchell-Miles

JOB LOCATION (if different):
Same

mcavalli@paradisairrigation.com
530-519-6628

GENERAL DESCRIPTION:

Remove and dispose of existing sign. Sawcut / unbolt at base, leave concrete.

OPTION 1: Fabricate and install one double sided 50.4" x 151.2" electronic message board sign according to approved artwork.
\$88,450 *(Largest Option)*

OPTION 2: Fabricate and install one double sided 50.4" x 120.9" electronic message board sign according to approved artwork.
\$77,530

OPTION 3: Fabricate and install one double sided 50.4" x 100.8" electronic message board sign according to approved artwork.
\$67,575 *(Smallest option)*

Electrical - TBD.

Engineering Fees - Estimated engineering fee. Actual fees are determined by engineer and will be adjusted on final billing.

Permit Procurement - Permit drawings and permit submittal to City County. Includes submitting to planning & building departments. (Variances, additional city/county requirements and design changes to be billed separately as a change order.)

Permit Fees - Estimated permit fee. Actual fees are determined by City / County and will be adjusted on final billing.

EACH **EXTENDED**

1 \$660.00 \$660.00

1 \$67,575.00 \$67,575.00

1 \$500.00 \$500.00

1 \$200.00 \$200.00

1 \$1,850.00 \$1,850.00

- PRICE BASED ON DIMENSIONS NOTED. CHANGE ORDERS MAY APPLY IF DIMENSIONS VARY.
- LANDLORD APPROVAL IS THE RESPONSIBILITY OF THE PURCHASER
- ELECTRICAL SERVICE TO SIGN LOCATION(S) WILL BE CUSTOMERS RESPONSIBILITY
- REBAR IN CONCRETE WALLS CAUSING EXCESSIVE DRILLING TIME IS NOT INCLUDED
- CALICHE OR OTHER OBSTRUCTIONS IN GROUND CAUSING EXCESSIVE DRILLING TIME IS NOT INCLUDED
- OBSTRUCTIONS / INABILITY TO ACCESS ELECTRICAL WILL BE ADDRESSED AS A CHANGE ORDER.
- PERMIT FEES, ENGINEERING FEES, CERTIFIED INSPECTION FEES AND TIME TO OBTAIN ARE NOT INCLUDED IN CONTRACT AND WILL BE BILLED ACCORDINGLY
- CONTRACT PRICE IS SUBJECT TO CHANGE BASED UPON APPROVED ENGINEERING

... \$70,785.00

Time is of the essence of this agreement. This proposal shall be deemed revoked by Visual Impact Signs unless accepted within 30 days by Customer. Upon acceptance by signature below, Customer hereby purchases and Visual Impact Signs hereby sells the SIGN herein described. Payment in full is due upon project completion. Project completion is defined as the date on which the SIGN is installed and working properly. Accounts 30 days overdue shall accrue interest at a rate of 1 1/2% per month (18% per annum) until paid in full. To secure payment of the purchase price herein and all other obligations of Customer to Visual Impact Signs arising from this or any other transaction, additions, extensions, replacements thereto, and proceeds, under the terms and conditions expressed herein and on the reverse side of the form.

Customer and Visual Impact Signs agree that regardless of the manner of affiliation, the SIGN shall remain personal property and not become part of the real estate. Conditional (installment) sale, lease or lease/sale terms and conditions shall be set forth in a written Addendum to this agreement and shall be effective as a modification of this agreement only if in writing signed by Visual Impact Signs and Customer. No oral agreement shall be binding. Visual Impact Signs hereby guarantees workmanship and materials for a period of one year from date of completion, except that workmanship and lamps are guaranteed for a period of 90 days from completion. Customer hereby warrants and represents that he has read, understands and agrees to be bound by the terms and conditions set forth

TAX \$4,334.27

TOTAL \$75,119.27

50% DEPOSIT \$37,559.63

BALANCE \$37,559.63
Due Upon Completion

* OPTION 3 Breakdown

ACCEPTED FOR VISUAL IMPACT SIGNS (SECURED PARTY):

Adel Mitchell-Miles

Title: No.Cal. Sign Sales / Pres.

Signature:

Date: 9/29/2023

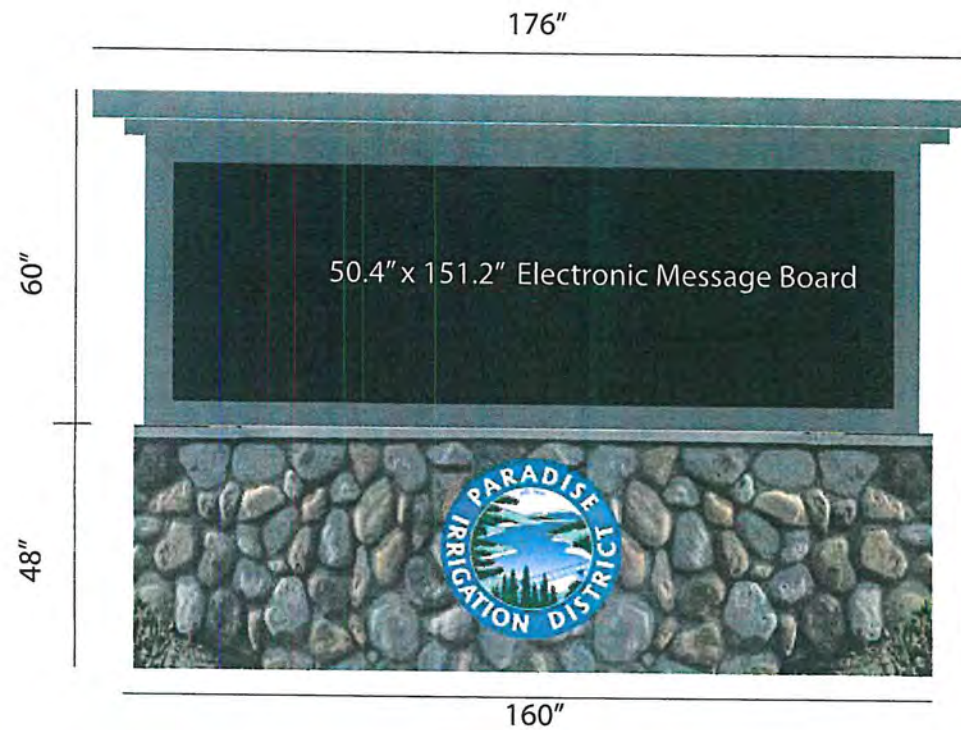
PURCHASE ACCEPTED (DEBTOR):

(Owner/Authorized Agent)

Title:

Signature:

Date:



OPTION 1
D/F Monument Sign

36" Logo, Internally Illuminated



EXISTING



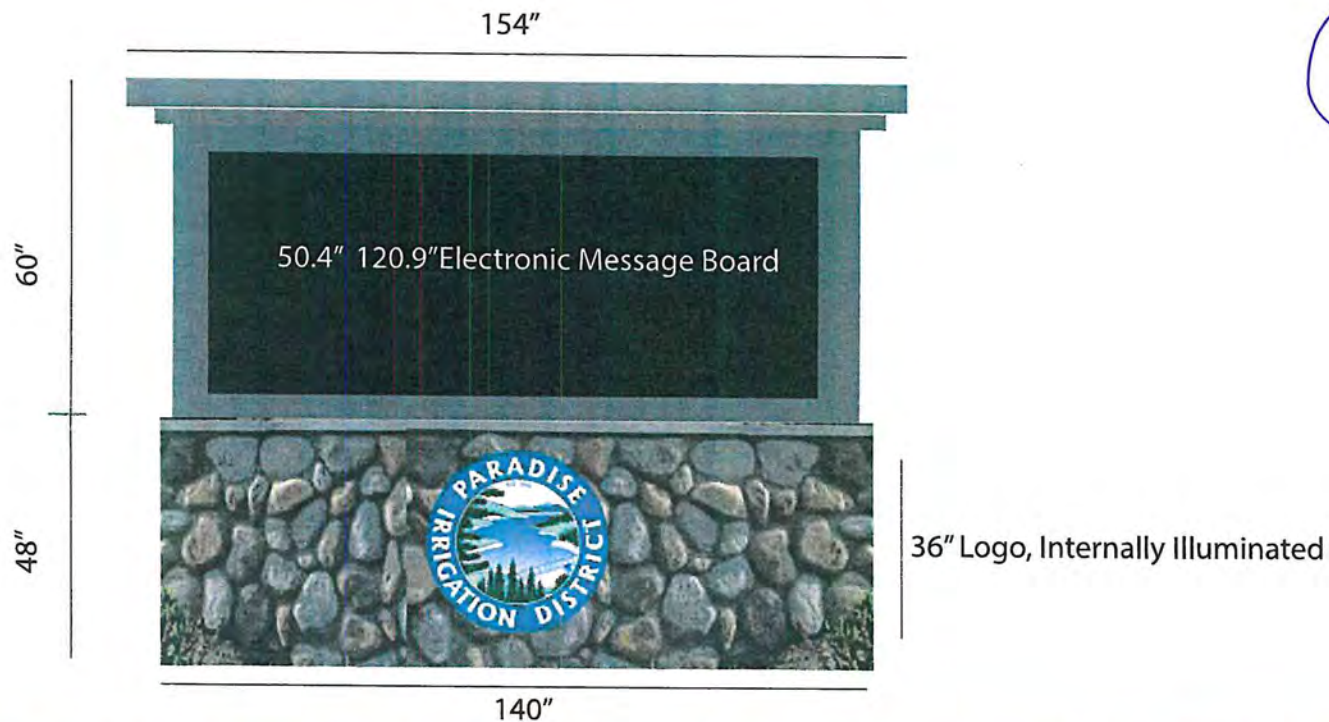
PROPOSED

All Rights Reserved • COPYRIGHT 2023 • Drawing is for illustrative purposes only, not to scale.

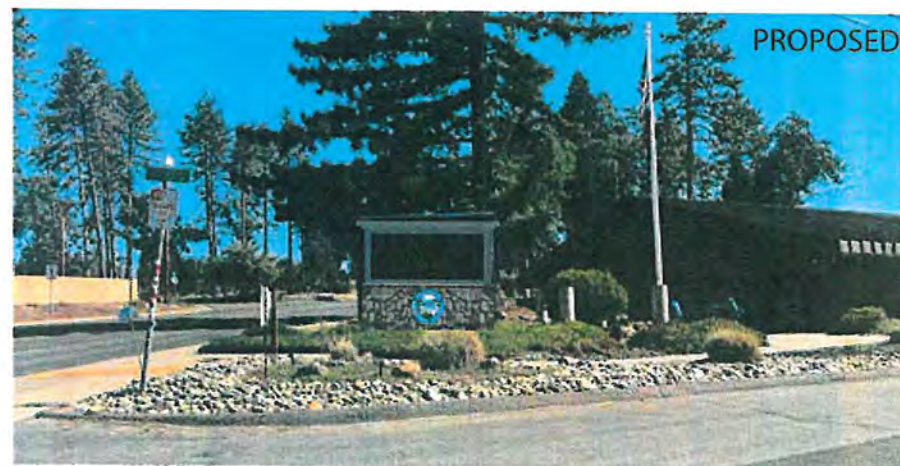
CUSTOMER	PROJECT DESCRIPTION	DATE	<input checked="" type="checkbox"/> PROOF <input type="checkbox"/> FINAL <input type="checkbox"/> PERMIT <input type="checkbox"/> PRODUCTION	<input type="checkbox"/> APPROVED AS IS <input type="checkbox"/> APPROVED WITH CHANGES NOTED <input type="checkbox"/> REVISE AND SEND NEW PROOF SIGNED: _____ DATE: _____
Paradise Irrigation Dist. 6332 Clark Road Paradise, CA 95969	Electronic Message Board	9.27.2023		



326 B STREET • YUBA CITY, CA 95991 • CCL #951979 • PH 530.755.9996 • FAX 530.671.1236



OPTION 2
D/F Monument Sign



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CUSTOMER

Paradise Irrigation Dist.
6332 Clark Road
Paradise, CA 95969

PROJECT DESCRIPTION

Electronic Message Board

DATE

9.27.2023

☒ PROOF

☐ FINAL

☐ PERMIT

☐ PRODUCTION

☐ APPROVED AS IS

☐ APPROVED WITH CHANGES NOTED

☐ REVISE AND SEND NEW PROOF

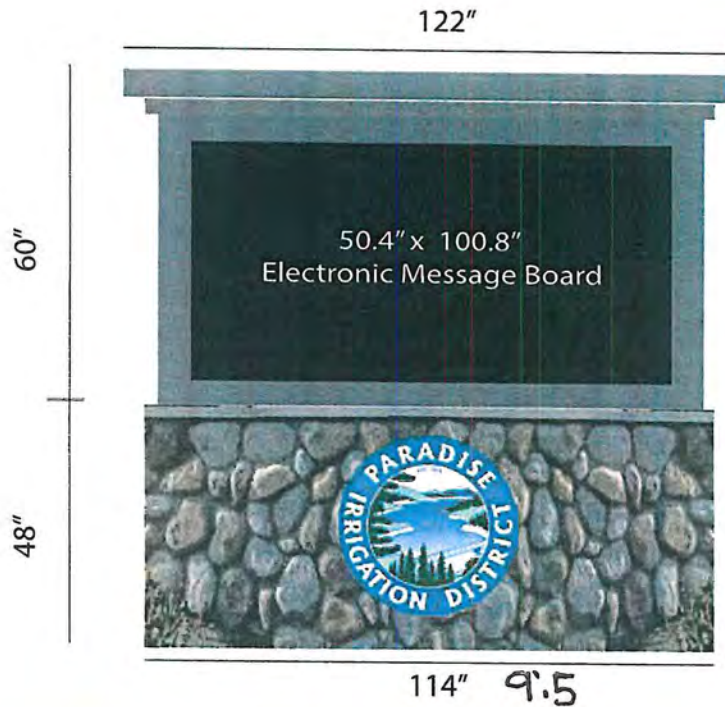
SIGNED: _____

DATE: _____



**Visual
Impact
SIGNS™**

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OPTION 3
D/F Monument Sign

36" Logo, Internally Illuminated



All Rights Reserved • COPYRIGHT 2023 • Drawing is for illustrative purposes only, not to scale.

CUSTOMER

Paradise Irrigation Dist.
6332 Clark Road
Paradise, CA 95969

PROJECT DESCRIPTION

Electronic Message Board

DATE

9.27.2023

☒ **PROOF**

☐ FINAL

☐ PERMIT

☐ PRODUCTION

☐ **APPROVED AS IS**

☐ APPROVED WITH CHANGES NOTED

☐ REVISE AND SEND NEW PROOF

SIGNED: _____

DATE: _____



**Visual
Impact
SIGNS™**

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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: December 12, 2023

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Disconnect Policy Discussion: Options for alternative payments
12/20/23 Board of Directors Meeting

As the Board is aware, we have received multiple correspondence from customers asking for relief from paying the minimum ready-to-serve fees. As an alternative to allowing customers to "disconnect" from the District, the board can offset some of these costs with non-rate revenue. Below are some alternatives as a starting point to the discussion.

Staff would like to discuss options for both low-income owners and other property owners in general.

Low Income Customers:
Provide a monthly bill reduction for customers offset with non-rate revenue.

Standard Customers:

Option: Defer payment to annual assessment by agreement.
(This plan will need more research and coordination with the county)



Paradise Irrigation District

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

DATE: December 15, 2023
TO: Board of Directors
FROM: Tom Lando, District Manager
Georgeanna Borrayo, Executive Assistant
SUBJECT: Director Vacancy – Division 4
12/20/2023 Board of Directors Meeting

Background – Filling Vacancies:

A list of events causing vacancy in office is set forth in Government Code section 1770. Among other events, a vacancy occurs upon the resignation of a board member. Director Marc Sulik has submitted his resignation as Director, Division 4 effective December 14, 2023.

The requirements for filling the vacancy are as follows:

- The District must notify the county elections official within 15 days of the date of vacancy, or by December 29, 2023.
- Director Sulik was reappointed in Lieu of Election and Oath of Office in November 2022 for a term of 4 years, commencing December 2, 2022 to December 4, 2026, and the vacancy occurred in the first half of his term of office. Government Code section 1780, subdivision (d)(2), provides that if the vacancy occurs in the first half of a term of office and at least 130 days prior to the next general district election (November 2024), the person appointed to fill the vacancy shall hold office until the next general election, and thereafter until the person who is elected at that election to fill the vacancy has been qualified. The individual elected in November 2024 would serve the remainder of Director Sulik's original term – until 2026.

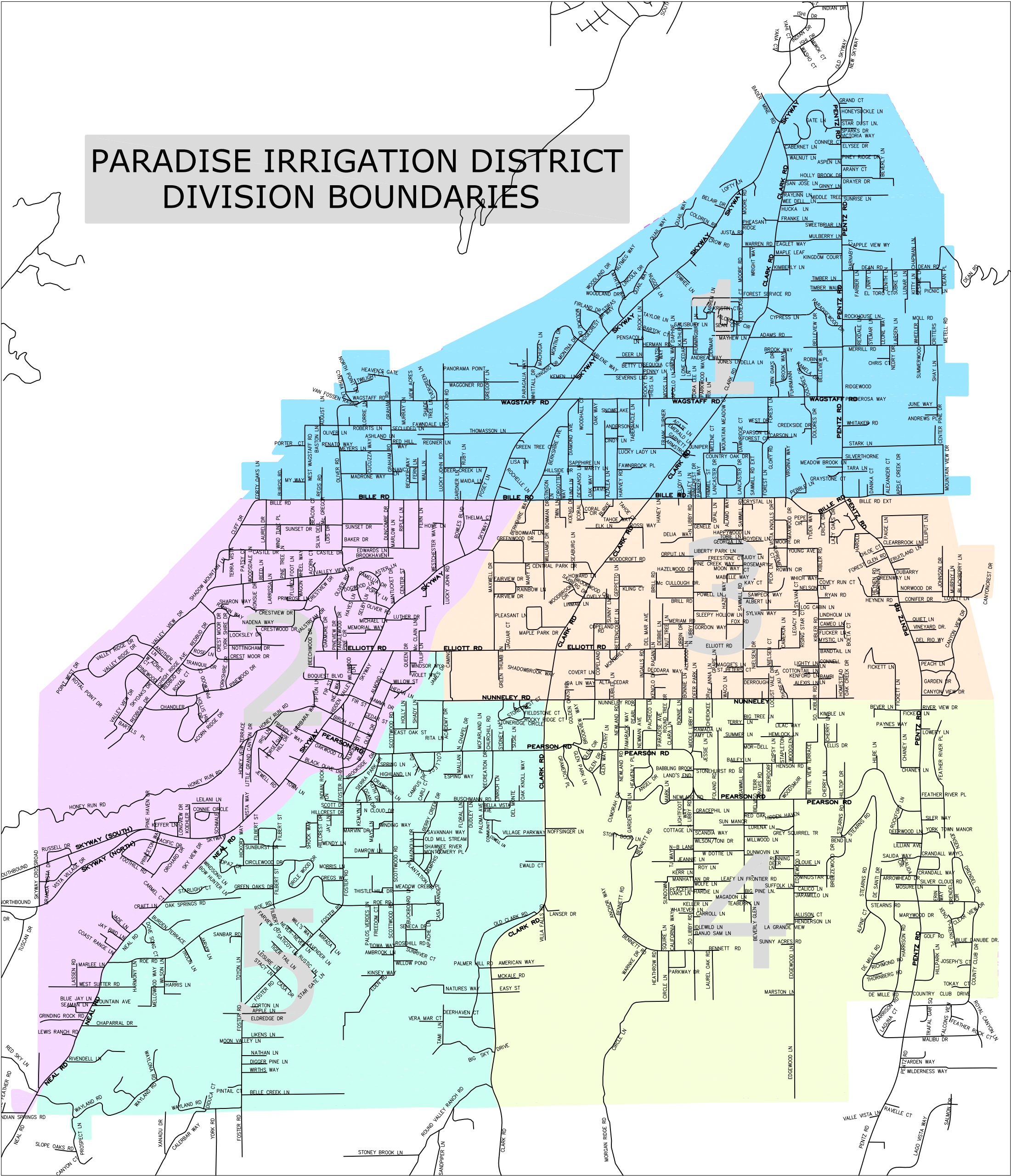
The remaining members of the district board can fill the vacancy by appointment or by calling an election within 60 days of the vacancy (**February 12, 2024**). If no action is taken for a period of 60 days immediately subsequent to a vacancy on such a board, the Board of Supervisors shall have the authority to fill the vacancy by appointment. Although rarely utilized, the law does provide for an alternative appointment in that the PID board may call for an election to fill the vacancy in lieu of appointment. The obligation to call an election becomes mandatory if the seat remains vacant for 90 days. (Gov. Code § 1780, subdivision (g)(1).)

- A notice of vacancy must be posted in three or more conspicuous locations at least 15 days before an appointment to fill the vacancy can be made.

If the Board desires to fill the vacancy by appointment and set a special meeting date, the recommended form of motion would be:

"I move to authorize staff to distribute a press release after the Board meeting announcing the District is seeking candidates to serve as an appointed director for the Division 4 director seat and authorize setting a special meeting date on _____, 2024 at _____ (time) to meet with qualified candidates who have expressed interest in the Division 4 Director vacancy."

PARADISE IRRIGATION DISTRICT DIVISION BOUNDARIES





Paradise Irrigation District

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

AGENDA

**ANNUAL MEETING OF THE
BOARD OF DIRECTORS
PARADISE IRRIGATION DISTRICT
PUBLIC FACILITIES FINANCING CORPORATION
6332 CLARK ROAD, PARADISE, CA 95969**

WEDNESDAY, DECEMBER 20, 2023

- ❖ *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.

#####

Members of the public may comment on Agenda items at the time the item is presented. Speakers may comment on items not listed on the Agenda under Public Participation. Comments should be limited to a maximum of three (3) minutes. State Law prohibits the PID Board of Directors from acting on items not listed on the agenda.

1. OPENING
 - a. Call to Order
 - b. Roll Call
2. APPROVAL OF MINUTES
 - a. Approval of Minutes: December 21, 2022 Annual Meeting of the Public Facilities Financing Corporation
3. PUBLIC PARTICIPATION
4. DISCUSSION: Public Facilities Financing Corporation – Organization, Purpose, and Use of Funds (Finance & Accounting Manager Brett Goodlin). *Information item only.*
5. ADJOURNMENT

MINUTES

ANNUAL MEETING OF THE BOARD OF DIRECTORS PARADISE IRRIGATION DISTRICT PUBLIC FACILITIES FINANCING CORPORATION DECEMBER 21, 2022

The annual meeting of the Board of Directors of the Paradise Irrigation District Public Facilities Financing Corporation was called to order at 9:59 a.m. by President Shelby Boston.

OPENING

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

ROLL CALL

BOARD MEMBERS
ABSENT: None

STAFF PRESENT: District Manager Tom Lando, Treasurer/Finance &
Accounting Manager Brett Goodlin, and Secretary
Georgeanna Borrayo

It was moved by Director Sulik and seconded by Director Hinman to approve the December 15, 2021 Minutes of the Annual Meeting of the Paradise Irrigation District Public Facilities Financing Corporation (PFFC) as presented.

APPROVAL OF
MINUTES
DEC. 15, 2021 PFFC
ANNUAL MEETING
(Item 2.a.)

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

Motion passes 3-0 with two abstaining votes

Staff reported no comments have been received.

PUBLIC
PARTICIPATION

Finance & Accounting Manager Brett Goodlin commented on the purpose and use of funds under the Paradise Irrigation District Public Facilities Financing Corporation (PFFC), indicating an annual meeting of the PFFC Board is held to remain in good standing throughout continuance of the Corporation. The Corporation was established for the purpose of providing a vehicle for the Board to pledge revenues to acquire debt to purchase assets by financing the acquisition, construction, and installation of public facilities for the use and benefit of the Corporation. The District does not currently have outstanding debt in which the Corporation has authorized a financing action.

PUBLIC FACILITIES
FINANCING
CORPORATION:
ORGANIZATION,
PURPOSE, & USE
OF FUNDS
(Item 4)

As there were no further questions or comments, it was moved by President Boston that the Board adjourn as the Public Facilities Financing Corporation (PFFC) and reconvene after a five-minute recess to continue the regularly scheduled meeting of the PID Board of Directors. The annual meeting of the PID Public Facilities Financing Corporation was adjourned at 10:04 a.m.

ADJOURNMENT

Georgeanna Borrayo, Secretary

Shelby Boston, President