

AGENDA

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

WEDNESDAY, MAY 19, 2021 – 6:30 PM

- ❖ *In accordance with California Governor Gavin Newsom's Executive Order (EO) N-29-20 relating to the convening of public meetings in response to the COVID-19 pandemic, the Paradise Irrigation District will be closing the Board of Directors Meeting to members of the public and non-essential District staff. The following options are available for members of the public to participate in the meeting:*

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 4:00 p.m. on the day of the meeting.

1. OPENING:

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

2. PUBLIC PARTICIPATION:

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 5 minutes per agenda item.

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

- a. Approval of Meeting Agenda Order
- b. Approval of Minutes: Regular Meeting of April 21, 2021

(Pages 5-11)

4. INFORMATIONAL UPDATE FROM CONSULTANT - Aptim Environmental & Infrastructure regarding Public Assistance and Disaster Recovery Management Services in support of the recovery efforts.

5. TREASURER'S UPDATE (Ross Gilb):

- a. **Treasurer's Report:** Review and acceptance of the Treasurer's Report for the period ending April 30, 2021. *Action may be taken.*

(Pages 12-21)

- b. **Expense Approval Report:** Approval of General Fund Check Numbers 56157 through 56260 for the month of April 2021 totaling \$883,521.57, exclusive of voided check numbers 56175 and 56258, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of May 2021. *Action may be taken.*

(Pages 22-30)

6. DISTRICT MANAGER AND STAFF / ENGINEERING REPORT UPDATES: Verbal and written report updates from staff and engineering consultant. *Information item only.*

- a. Customer Service Staff Report
- b. Transmission & Distribution Staff Report
- c. Water Treatment Plant Staff Report
- d. Water Supply Recovery Program Update: Progress update provided by Water Works Engineers
- e. District Engineering Report provided by Water Works Engineers

(Pages 31-48)

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

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

- a. Community Relations Committee (Directors Brian Shaw & Marc Sulik - Chairperson)
- b. Ad Hoc Customer Recovery Support Committee (Directors Brian Shaw & Shelby Boston – Chairperson)
- c. Finance Committee (Directors Marc Sulik & Alan Hinman – Chairperson)

8. **UNFINISHED BUSINESS** (Continued from April 21, 2021 board meeting):

(Pages 49-50)

- a. **Revision to Policy & Procedures, Chapter 7.7.3 Discontinued Service** (Mickey Rich): Consider authorizing proposed revisions to the current Discontinued Service Policy under PID Policy & Procedures Chapter 7.7.3. *Action may be taken.*

9. **NEW BUSINESS:**

(Page 51)

- a. **Contract for Construction Services - Meter Installation & Service Lateral Phase 2 Project** (Water Works Engineers): Consideration to authorize award of the Meter Installation & Service Lateral Phase 2 Project to the lowest responsible bidder and authorize the District Manager to execute the agreement on behalf of the District. *Action may be taken.*

(Pages 52-114)

- b. **Reservoir B Replacement Project – CEQA** (Water Works Engineers): Adopt Resolution No. 2021-05 an Initial Study/Mitigated Negative Declaration in accordance with the California Environmental Quality Act for the Reservoir B Replacement Project. *Action may be taken*

(Page 115)

- c. **Account Credit Authorization for Backflow Device Purchase** (Mickey Rich): Approval to authorize the issuance of customer account credits ranging from \$380.85 to \$791.37 for a not-to-exceed dollar amount of \$1,006,326.00 for purchase of backflow prevention devices. *Action may be taken.*

(Pages 116-118)

- d. **Annual Auditing Services** (Ross Gilb): Consider award of auditing services for fiscal years ending June 30, 2021, 2022, and 2023 and authorize the District Manager to execute a professional services agreement subject to legal review. *Action may be taken.*

(Page 119)

- e. **Confirmation of Wise Water Use Regulations** (Mickey Rich): Authorize approval of the Paradise Irrigation District Wise Water Use Regulations as presented. *Action may be taken.*

(Pages 120-130)

- f. **Meetings of the Board of Directors – Regularly Scheduled Monthly Meeting** (Director Sulik / Manager Lando): Discussion regarding a suggestion from Director Sulik to consider a revision to the regular meeting schedule and providing direction to staff to prepare a resolution and policy amendment if a revision is desired. *Action may be taken to provide direction to staff.*

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

11. **CLOSED SESSION:**

- a. **CONFERENCE WITH LABOR NEGOTIATORS** (Government Code section 54957.6):
PID Labor Negotiator Representative: Tom Lando, Interim District Manager
Employee Organization: Management Unit represented by Teamsters Local 137
- b. **CONFERENCE WITH LABOR NEGOTIATORS:** Conference with PID Labor Negotiator Representative Tom Lando regarding Unrepresented Position, Finance & Accounting Manager (California Government Code section 54957.6).
- c. **PUBLIC EMPLOYEE PERFORMANCE EVALUATION** (Government Code Section 54957(b). All District employees.

RETURN TO OPEN SESSION:

12. **Announcement from Closed Session:**

13. **Finance and Accounting Manager** (Manager Tom Lando): Consider Employment Agreement for Finance & Accounting Manager. *Action may be taken.*

14. **ADJOURNMENT OF MEETING**

CONSENT CALENDAR
REGULAR MEETING
PARADISE IRRIGATION DISTRICT
BOARD OF DIRECTORS

WEDNESDAY, MAY 19, 2021 – 6:30 PM

- A. APPROVAL OF MEETING AGENDA ORDER
- B. APPROVAL OF MINUTES: Regular Meeting of April 21, 2021

MINUTES

REGULAR MEETING BOARD OF DIRECTORS PARADISE IRRIGATION DISTRICT APRIL 21, 2021

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

OPENING

BOARD MEMBERS PRESENT: Directors Alan Hinman, Marc Sulik, Brian Shaw, Vice-President Dan Hansen, and President Shelby Boston

ROLL CALL

BOARD MEMBERS ABSENT: None

STAFF PRESENT: District Manager Tom Lando, Assistant District Manager Mickey Rich, Finance & Accounting Manager Ross Gilb, Accounting Technician Miranda Hillskemper, and Secretary Georgeanna Borrayo

ALSO PRESENT: Consultants Sami Kader and Colleen Boak with Water Works Engineers. Participating remotely via Zoom: PID Legal Counsel Emily LaMoe and Director Tom Cuquet, JPIA Executive Committee.

President Boston announced the Board will adjourn to closed session to discuss agenda item 3.a. and 3.b. Following an opportunity for public comment, the Board adjourned to closed session at 6:32 p.m. to discuss the following:

CLOSED SESSION:

3.a. CONFERENCE WITH LABOR NEGOTIATORS: Conference with Labor Negotiator Emily LaMoe regarding Unrepresented Position, District Manager (California Government Code § 54957.6).

CONFERENCE
WITH LABOR
NEGOTIATOR
(Government Code
Section 54957.6)
(Item 3.a. & 3.b.)

3.b. CONFERENCE WITH LABOR NEGOTIATORS: Conference with Labor Negotiator Tom Lando regarding Unrepresented Position, Assistant District Manager (California Government Code § 54976.6).

President Boston reconvened the regular meeting at 7:26 p.m. and announced direction has been given to labor negotiators regarding agenda items 3.a. & 3.b. above.

CLOSED SESSION
ANNOUNCEMENT
(Item 4)

President Boston provided a Reflection expressing appreciation to staff in honor of Administrative Professionals Day and commented on the Alliance for Workforce Development (AFWD) write-up and the AFWD workers who have assisted PID with the recovery efforts.

REFLECTION

There were no public comments received pertaining to matters not scheduled on the agenda.

PUBLIC
PARTICIPATION

Board members reviewed consent calendar items as follows:

5.a. Approval of Meeting Agenda Order

5.b. Approval of Minutes: Special meeting of March 11, 2021, March 12, 2021, March 30, 2021, April 12, 2021, and the regularly scheduled meeting of March 17, 2021.

APPROVAL OF
CONSENT
CALENDAR
(Item 5.a. to 5.c.)

CONTINUED –
APPROVAL OF
CONSENT
CALENDAR

5.c. Acceptance of Department of Water Resources Invoice: Annual Dam Fees for FY 2021/2022 for Magalia & Paradise Dams.

It was moved by Director Sulik and seconded by Director Hansen to approve the consent calendar as presented.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston
NOES: None
ABSENT: None

Motion passes 5-0

PRESENTATION:
ACWA JPIA RATE
STABILIZATION
FUND
(Item 6.)

Director Tom Cuquet, JPIA Executive Committee Vice-Chairman, highlighted the refund check issued to Paradise Irrigation District under the Association of California Water Agencies Joint Powers Insurance Authority (ACWA JPIA) Rate Stabilization Fund. The program adjustments are Retrospective Premium Adjustments for the pooled programs - Liability, Property and Workers' Compensation. **Informational item only; no Board action taken.**

ACCEPTANCE OF
TREASURER'S
REPORT FOR
PERIOD ENDING
MARCH 31, 2021
(Item 7.a.)

Board members reviewed a written Treasurer's Report from Finance & Accounting Manager Ross Gilb for the period ending March 31, 2021 highlighting the District's cash position, debt service analysis, operational overview, and recovery funding.

It was moved by Director Shaw and seconded by Director Hinman to accept the Treasurer's Report for the period ending March 31, 2021.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston
NOES: None
ABSENT: None

Motion passes 5-0

EXPENSE
APPROVAL
REPORT
(Item 7.b.)

Board members reviewed accounts payable expense reports for the month of March 2021. It was moved by Director Shaw and seconded by Director Hansen to approve General Fund check numbers 56027 through 56156 for the month of March 2021 totaling \$1,345,499.58, exclusive of voided check numbers 56048, 56049, and 56121, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of April 2021.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston
NOES: None
ABSENT: None

Motion passes 5-0

QUARTERLY
INVESTMENT
REPORT
THROUGH THE
PERIOD ENDING
MARCH 31, 2021
ACCEPTED
(Item 7.c.)

Finance & Accounting Manager Ross Gilb highlighted cash and investment information as of March 31, 2021, reporting the District has \$12,426,362 in cash and investments. Total year-to-date investment earnings for the fiscal year ending June 30, 2021 is \$73,655. Manager Gilb explained that investments of the District must be made within the requirements of the California Investment Code and also meet compliance with all aspects of Paradise Irrigation District's investment policy.

It was moved by Director Hinman and seconded by Director Sulik to accept the Investment Report through the period January 1 through March 31, 2021.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston
NOES: None
ABSENT: None

Motion passes 5-0

Board members received staff report updates from Customer Service, Field Operations, and the Water Treatment Plant. District Manager Tom Lando provided additional updates reporting: 1) Earlier today the Governor released a state of emergency proclamation for drought and 2) Discussion with the Butte Local Agency Formation Commission about completing a Municipal Services Review update.

DISTRICT
MANAGER AND
STAFF/ENGINEER-
ING REPORT
UPDATES
(Item 8)

Engineering Consultants Sami Kader and Colleen Boak with Water Works Engineers highlighted information presented in reports included in the Board Packet regarding the Water Supply Recovery Program and status of engineering support services to the Paradise Irrigation District. Water Works commented on an additional summary timeline of the grant application process for the Reservoir B Replacement Project. On April 14, the District was informed that Senators LaMalfa and Feinstein staffs would be meeting with FEMA representatives on April 15 to discuss the project and communicate support in accelerating FEMA's timeline in favor of approval as soon as possible.

An overview of information highlighted under the Engineering Services update includes a Leak Detection Executive Summary. Nearly 173 miles of transmission and distribution water mains were surveyed by Utility Services Associates. Based on findings, overall current water loss in the PID system is approximately 23%. Industry standard is between 5-10%. Pre-fire, the District's previous water loss findings were in this range. Discussion with staff will occur over the next month regarding what this represents in quantity of work and cost. **Informational updates only; no Board action taken.**

There is no information to report this evening for open session.

LEGAL REPORT
(Item 9)

Administration & Personnel Committee: Directors Hinman and Hansen indicated there is no information to report this evening.

COMMITTEE
REPORTS
(Item 10.a. & b.)

Ad Hoc Customer Recovery Support Committee: Directors Boston and Shaw reported items reviewed at the committee meeting are on the agenda for discussion this evening. Appreciation was expressed to members of the community who regularly participate and provide input.

Staff provided background information regarding the Disconnect Policy, reporting directly after the 2018 Camp Fire, the Board voted to temporarily amend the disconnect policy to include a maximum cost to reconnect of \$500.00 based on labor, equipment, and material cost to reconnect which would expire December 31, 2020. The Board extended the policy through March 31, 2021.

UNFINISHED
BUSINESS:

The Board approved a recent change to the disconnect policy on March 17, 2021 to not retain capacity for disconnected accounts which would mean a customer returning to the District would be subject to the same costs, policies, and procedures as a new connect. Staff emphasized the March 17th amendment has not been implemented.

RECONSIDER
REVISION TO
POLICY &
PROCEDURES,
CHAPTER 7.7.3
DISCONTINUED
SERVICE
(Item 11.a.)

At a special meeting of the Board of Directors on March 30, 2021 the disconnect policy was revisited for further discussion. The Board unanimously voted to extend the existing policy for an additional 90 days and refer this item back to the Ad Hoc Customer Recovery Support Committee for further review and consideration of options.

Staff reported that based on customer feedback and information that many residents are still uncertain about their rebuilding plans, the Ad Hoc Customer Recovery Support Committee has evaluated additional alternatives. The committee recommends a new policy which would allow customers who disconnected service due to the 2018 Camp Fire, to reconnect service for a flat fee of \$750.00.

CONTINUED:
CHAPTER 7.7.3
DISCONTINUED
SERVICE

Board members provided direction to staff to bring this item back to the board at the May meeting with the recommended proposed policy amendment, as well as a draft letter to property owners communicating new information regarding the discontinued service policy that will affect future water service for properties not currently receiving water.

NEW BUSINESS:

PART-TIME
FINANCE &
ACCOUNTING
ADVISOR
(Item 12.a.)

Staff reported Ross Gilb has served as the Finance and Accounting Manager for the District and has submitted his resignation from full-time employment with the District effective April 7, 2021. It is recommended the Board approve an Employment Agreement with Ross Gilb as Part-Time Finance and Accounting Advisor to provide assistance on a limited, part-time basis while the District searches for and hires a replacement Finance & Accounting Manager.

It was moved by Director Shaw and seconded by Director Hinman to authorize approval of the Part-Time Finance and Accounting Advisor Employment Agreement with Ross Gilb on a limited, part-time basis.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

EMPLOYMENT
AGREEMENT WITH
TOM LANDO
APPROVED FOR
THE POSITION OF
DISTRICT
MANAGER
(Item 12.b.)

President Boston announced the Board will consider terms and conditions of an employment agreement with Tom Lando. The Board of Directors is recommending approval of the District Manager's agreement with an annual salary of \$162,000, payable in installments at the same time as the other employees of the District are paid and subject to customary withholding. District Manager will receive holidays and sick leave offered to other District employees and fifteen (15) days of vacation leave annually. The District shall provide employee with \$500 as a monthly automobile allowance for use of own automobile.

Following an opportunity for questions and comments by members of the Board and the public, it was moved by President Boston and seconded by Director Sulik to approve the Employment Agreement with Tom Lando for the position of District Manager with the terms as stipulated above.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

EMPLOYMENT
AGREEMENT WITH
MICKEY RICH
APPROVED FOR
THE POSITION OF
ASSISTANT
DISTRICT
MANAGER
(Item 12.c.)

District Manager Tom Lando indicated it is his recommendation the Board of Directors appoint Mickey Rich as Assistant District Manager and modify the agreement to amend the monthly automobile allowance from \$500 to \$300.

President Boston reported the Board will consider terms and conditions of an employment agreement with Mickey Rich. The Board of Directors is recommending approval of the Assistant District Manager's agreement with a salary of \$100,000 per annum, payable in installments at the same time as the other employees of the District are paid and subject to customary withholding. The Assistant District Manager will receive the same benefits as provided to the District's management employees which includes holidays, sick leave, vacation leave, retirement benefits and payments, and health insurance, vision insurance, dental insurance, disability insurance, and life insurance. The District shall provide employee with \$300 as a monthly automobile allowance for use of own automobile.

Following an opportunity for questions and comments by members of the Board and the public, it was moved by President Boston and seconded by Director Shaw to approve the Employment Agreement with Mickey Rich for the position of Assistant District Manager with the recommended change to \$300 as a monthly automobile allowance.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

Consultant Colleen Boak with Water Works Engineers reported PID received five proposals in response to the Request for Proposals circulated on February 25, 2021 for construction services to assist the District with the installation of a new subsurface water main along Almond Street in Paradise, as well as reestablishing services to adjacent properties.

It was moved by Director Hinman and seconded by Director Shaw to accept the bid from Santos Excavating, Inc. for a not-to-exceed cost of \$595,640.00 and authorize the District Manager to execute the construction agreement for the District. Additionally, authorize a 10% (60,000) contingency budget for the project at the discretion of the District Manager.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

Staff reported the District is required to have an engineer perform an annual evaluation of the safety of the dams and report their findings to the State Department of Safety of Dams (DSOD).

It was moved by Director Shaw and seconded by Director Sulik to authorize acceptance of the proposal from Genterra Consultants, Inc. to perform Dam Safety Field Evaluations at Magalia Dam and Paradise Dam for the calendar years 2021 through 2023 for a cost not-to-exceed \$77,103.00.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

Staff indicated the Butte Local Agency Formation Commission (LAFCO) is holding an election for a Special District Regular "Non-Enterprise" Member and a Special District Alternate "Enterprise/Non-Enterprise" Member. In order for the election to be valid, a quorum of 21 districts must complete and return their ballots.

It was moved by Director Sulik and seconded by Director Hinman to nominate Al McGreehan for the Special District Regular "Non-Enterprise" Member position and Bruce Wristen for the Special District Alternate "Enterprise/Non-Enterprise" Member position and authorize certification and submittal of the 2021 Election Ballot to Butte LAFCO.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

CONTINUED –
EMPLOYMENT
AGREEMENT WITH
MICKEY RICH
APPROVED FOR
THE POSITION OF
ASSISTANT
DISTRICT MANAGER

PID ALMOND
STREET MAIN
REPLACEMENT
PROJECT
AWARD OF
CONSTRUCTION
CONTRACT TO
SANTOS
EXCAVATING, INC.
(Item 12.c.)

ANNUAL DAM
SURVEILLANCE –
CALENDAR YEARS
2021 THROUGH
2023
(Item 12.d.)

BUTTE LAFCO –
2021 ELECTION
BALLOT
(Item 12.e.)

RESOLUTION NO.
2021-04 ADOPTED
DECLARING 2008
FORD RANGER
TRUCK (UNIT NO.
182) AS SURPLUS
PROPERTY
(Item 12.g.)

Staff reported on March 5, 2021, a vehicle incident occurred resulting in damage to the District's 2008 Ford Ranger Extended Cab truck, VIN No. 1FTYR14D48BP01749 (Unit No. 182). ACWA Joint Powers Insurance Authority has deemed the vehicle a total loss.

It was moved by Director Shaw and seconded by Director Hansen to adopt Resolution No. 2021-04 declaring the 2008 Ford Ranger Extended Cab Truck (Unit No. 182) damaged and no longer necessary for District purposes and authorize disposal of property in the most cost effective and practical manner.

AYES: Directors Hinman, Hansen, Sulik, Shaw, and Boston

NOES: None

ABSENT: None

Motion passes 5-0

DIRECTORS'
COMMENTS

Director Hansen: Acknowledged staff members for stepping in to fill some new roles and thanked Ross Gilb and Water Works Engineers for their service.

Director Sulik: Expressed appreciation to office staff for their work and keeping a positive attitude.

Director Hinman: Commented the Board of Directors is appreciative of PID staff and commended Miranda Hillskemper on her customer service update to the Board.

CLOSED SESSION
DISCUSSION
(Items 14.a. – 14.e.)

President Boston announced the Board will adjourn to closed session to discuss agenda items 14.a. through 14.e. As there were no questions or comments, the Board adjourned to closed session at 9:10 p.m. to discuss the following:

- a. REAL PROPERTY NEGOTIATIONS (California Government Code section 54956.8)
Property subject to negotiations: Paradise Irrigation District Water Assets
District Negotiator: Tom Lando, District Manager
Other Party: PERENFRA.MISYSTEMS LLC
Under Negotiation: District negotiators will be given direction regarding potential interest in real property negotiations relating to an indication of interest to enter into a partnership agreement relating to interests in real property.

Closed Session Announcement: Direction has been given to the District Negotiator.

- b. REAL PROPERTY NEGOTIATIONS (California Government Code section 54956.8)
Property subject to negotiations: PG&E Miocene Canal
District Negotiators: Tom Lando, District Manager
Other Party: Pacific Gas & Electric Company
Under Negotiation: District negotiators will be given direction regarding price and terms relating to potential interest in real estate negotiations for the purchase of real property or interests in real property.

Closed Session Announcement: Direction has been given to the District Negotiator.

- c. REAL PROPERTY NEGOTIATIONS (California Government Code section 54956.8)
Property subject to negotiations: Proposed Tuscan Ridge Water and Sewer Systems
District Negotiators: Tom Lando, District Manager
Other Party: Mo West
Under Negotiation: District negotiators will be given direction regarding potential interest in negotiations relating to the proposed Tuscan Ridge Water and Sewer Systems infrastructure.

Closed Session Announcement: Direction has been given to the District Negotiator.

- d. CONFERENCE WITH LABOR NEGOTIATORS (Government Code section 54957.6):
PID Labor Negotiator Representative: Tom Lando, Interim District Manager
Employee Organization: Management Unit represented by Teamsters Local 137

CONTINUED –
CLOSED SESSION
DISCUSSION

Closed Session Announcement: Direction has been given to the District's Labor Negotiator.

- e. CONFERENCE WITH LABOR NEGOTIATORS: Conference with PID Labor Negotiator Representative Tom Lando regarding Unrepresented Position, Finance & Accounting Manager (California Government Code section 54957.6).

Closed Session Announcement: Direction has been given to the District's Labor Negotiator.

President Boston reconvened the regular meeting at 9:25 p.m. and provided closed session announcement information regarding agenda items 14.a. through 14.e. as listed in italicized print under each closed session item above.

CLOSED SESSION
ANNOUNCEMENT

There being no further business, it was moved by President Boston to adjourn the meeting. The regular meeting of the PID Board of Directors was adjourned at 9:26 p.m.

ADJOURNMENT
OF MEETING

Georgeanna Borrayo, Secretary

Shelby Boston, President



Paradise Irrigation District

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

Treasurer's Report – April 2021

1. **Cash Position** – At 04/30/2021 the District's total cash position was \$11,847,175.
2. **Debt Service Analysis**
 - a. Through 04/30/2021 the District has incurred all budgeted debt service payments for the fiscal year ending 06/30/21 in the amount of \$936,174.
 - b. The District's total outstanding debt is \$4,781,145.
 - i. IBank \$1,035,645
 - ii. Capital One \$1,665,000
 - iii. BB&T \$1,979,500

Operational Overview and Highlights – FY 2020/21

3. **Revenues**
 - a. Through 04/30/21 the District has processed approximately 1,996 customer requests to permanently disconnect services. Approximately 200 previously disconnected customers have returned to sealed or active service during April 2021.
 - b. Through 04/30/21 the District has returned approximately 2,600 customers to the active service rate through the current billing cycle based on clearing of the water quality advisory for the related property during the upcoming billing cycle.
 - c. The District is collecting fees for Interim Water Supply installation. Through 04/30/21, the District has processed 574 requests during the current fiscal year for Interim Water Supply and has collected \$295,314 in related fees.
 - d. The District is collecting service fees for Residential Fire Flow testing. Through 04/30/21, the District has processed 360 requests during the current fiscal year for Residential Fire Flow testing and has collected \$49,969 in related fees.
4. **Expenses**
 - a. Total operational and recovery related expenditures are within revised budgeted expectations for the fiscal year ending 06/30/21.



Paradise Irrigation District

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5. Recovery Funding

- a. The District continues to work with the State of California, FEMA, and insurance to fund the recovery of the District distribution system.

1. FEMA Updates

- a. **Funds Received:** Through 04/30/21, the District has received a total of \$2,390,485 in FEMA/CalOES reimbursements primarily relating to costs incurred for emergency response efforts, water sampling, recovery project management, and donated resources from the date of the Camp Fire through 11/12/19.
- b. **B Reservoir:** On 01/21/21, the District received an initial request for information (RFI) from FEMA relating to the project version requested by the District to include the District's hazard mitigation efforts to replace the polymer lined reservoir with two steel tanks. The requested information was submitted to CalOES as of 03/02/21.

The District received an additional RFI on 04/05/21. Answers to questions posed in the RFI were submitted the following day on 04/06/21. The District coordinated with APTIM, Water Works Engineers, FEMA, CalOES and staff members from Representative LaMalfa's and Senator Feinstein's offices to expedite the decision process regarding a determination on the appeal.

On 05/03/21 the District received a response from FEMA in regards to the version request, which denied the District's request to include hazard mitigation efforts. The District is coordinating with APTIM and CalOES to determine the appropriate funding path forward.

- c. **Mainline Repair/Replacement:** In response to FEMA's determination memo regarding mainline leak repair, the District submitted an appeal letter to CalOES for review and approval on 01/08/21, which has since been reviewed and approved by CalOES, and forwarded to FEMA on behalf of PID. The District is still awaiting a final determination in regard to this appeal. In the meantime, the District has completed the leak detection program and has provided the final report on the results to support the appeal letter.
- d. **428 Determination Appeal:** On 05/07/21, the District received a determination from FEMA which denied the District's appeal to have the water mainline, service laterals, and water meter replacement projects included in the Stafford Act's Section 428 Public Assistance process. The District is coordinating with APTIM and CalOES to determine the appropriate funding path forward.

2. Insurance Meter Replacement Claim

- a. The District received an initial analysis from insurance regarding the claim that was submitted. The substantiated amount based on this analysis varied from the amount of the District's submitted claim. Additional coordination is currently underway to resolve the variance.
The District has received \$2,381,669 in reimbursements related to the claim as of 04/30/21. Further reimbursement requests have been finalized totaling \$3,059,741, which are expected to be received during the coming month.

3. Additional Supplemental Appropriations for Disaster Relief (ASADRA)

- a. The District submitted the application package by the due date of January 31, 2021. This included the Almond Street Pipeline replacement project and the local share of currently obligated FEMA permanent work projects, including the service lateral replacement, main line repair/replacement, meter replacement and B Reservoir projects. The total funding request included in the application is \$7,039,562.
- b. The District is working with the Water Board to resolve questions and provide additional supporting documentation relating to initial review of the application package.

Paradise Irrigation District
April 30, 2021
Financial Summary

	2018/19 Actual	2019/20 Budget Update	2019/20 Actual	2020/21 Budget	2020/21 Budget Update	2020/21 Actual
<u>REVENUES:</u>						
Water Sales	5,365,105	2,301,554	2,311,794	2,759,004	2,534,844	2,296,900
Outside Water Sales	68,689	100,000	105,338	100,000	100,000	118,909
Other	652,634	1,019,240	1,060,600	646,160	616,160	609,191
Interest	12,760	60,000	93,111	60,000	60,000	85,927
Taxes - 1%	286,826	300,000	380,185	250,000	250,000	354,959
FMV Gain/Loss - Securities	1,031	-	(427)	-	-	(319)
Grant Rev	-	25,500	25,500	-	25,000	293,977
Inc-Save-A-Can/Buy-A-Fish	747	-	-	-	-	-
Inc-Capacity Fees	35,008	13,000	16,252	-	150,000	154,613
Revenue - PFD	73,308	50,000	54,372	50,000	50,000	51,635
Total Revenue	6,496,107	3,869,294	4,046,725	3,865,164	3,786,004	3,965,793
<u>EXPENDITURES:</u>						
Operating	4,990,364	6,051,705	5,260,887	6,170,790	6,140,640	4,572,478
Pipeline	290,729	-	-	-	-	-
Debt Service	609,108	841,723	841,723	841,845	936,174	936,174
PFD	8,414	-	34,043	-	-	57,704
Total Expenditures	5,898,615	6,893,427	6,136,653	7,012,635	7,076,814	5,566,356
Increase/(Decrease) in Cash before Recovery, Debt Proceeds, and Capital Improvements	597,493	(3,024,133)	(2,089,927)	(3,147,471)	(3,290,810)	(1,600,563)
Debt Proceeds	-	-	76,922	-	-	-
Increase/(Decrease) in Cash before Recovery and Capital Improvements	597,493	(3,024,133)	(2,013,005)	(3,147,471)	(3,290,810)	(1,600,563)
FEMA Reimbursements	1,217,402	2,625,000	159,961	3,386,630	3,386,630	2,390,485
Insurance Proceeds	1,350,000	4,080,000	4,084,707	5,000,000	5,000,000	2,381,669
State Funding	-	7,374,000	7,374,330	7,374,000	7,374,000	7,374,330
PGE Locating Reimbursements	-	150,000	-	300,000	300,000	59,627
Cash Available for Recovery/Capital Projects	2,567,402	14,229,000	11,618,998	16,060,630	16,060,630	12,206,111
Cash Available for Recovery/Capital Projects	3,164,895	11,204,867	9,605,993	12,913,159	12,769,820	10,605,548
Major Capital/Recovery Projects	(2,378,529)	(6,450,000)	(6,414,054)	(10,531,148)	(10,620,272)	(5,604,256)
Minor Capital Projects	-	-	-	(649,541)	(649,541)	(389,853)
Increase/(Decrease) in Cash	786,365	4,754,867	3,191,938	1,732,470	1,500,007	4,611,439
Beginning Cash Balance	3,257,432	4,043,797	4,043,797	7,235,736	7,235,736	7,235,736
Ending Cash Balance	4,043,797	8,798,664	7,235,736	8,968,205	8,735,743	11,847,175

Paradise Irrigation District

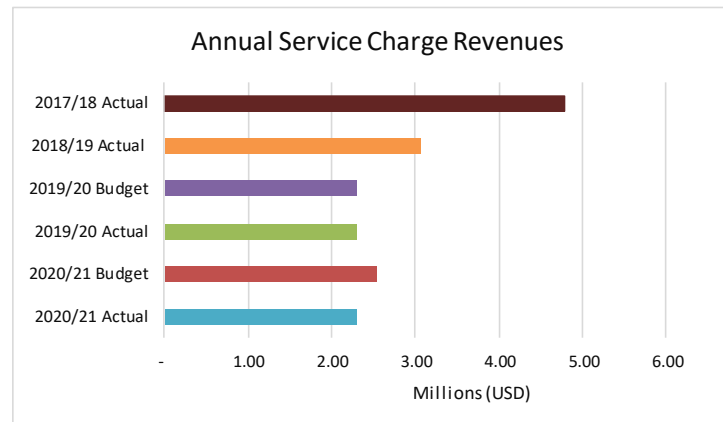
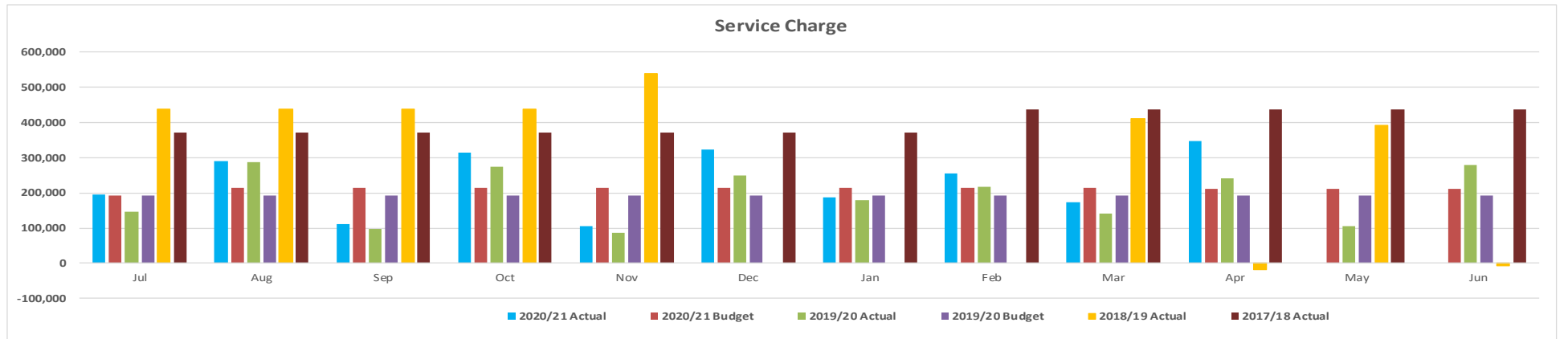
April 30, 2021

Revenue Summary

	FY 2017/18 Actual	FY 2018/19 Actual	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate	FY 2020/21 Estimate Update	FY 2021/21 Actual
<u>General Fund/Operating</u>							
Water - Service	4,871,781	3,755,354	2,295,054	2,303,549	2,534,844	2,534,844	2,296,804
Water - Consumption	3,070,573	1,587,485	-	(918)	224,160	-	(44)
Water - Fees & Adjustments	49,298	22,266	6,500	9,164	-	-	140
Outside Water Sales	115,728	68,689	100,000	105,338	100,000	100,000	118,909
Meter Revenue	15,225	265,156	861,300	868,678	510,300	510,300	341,452
Recreation & Boating Permits	39,789	22,778	10,000	17,508	-	-	165
Backflow Check	10,960	20,527	4,000	560	80,000	-	-
Rents	15,740	9,392	15,180	15,496	24,180	24,180	17,386
Revenue - Surplus Property	17,481	273,233	-	-	-	-	-
Escrow Fees	-	-	5,000	-	-	-	-
Annexation	546	-	-	-	-	-	-
Custom Work/PFD Reimbursement	200,000	15,125	123,760	83,973	31,680	81,680	74,179
Misc	30,602	46,424	-	74,386	-	-	176,009
Total Operating Income	8,437,722	6,086,428	3,420,794	3,477,732	3,505,164	3,251,004	3,025,000
<u>Special Revenue Fund</u>							
Capital Improvement Program							
Taxes - 1%	271,960	286,826	300,000	380,185	250,000	250,000	354,959
\$1 Surcharge for Capital Projects	-	-	-	-	-	-	-
Interest	11,326	12,760	60,000	93,111	60,000	60,000	85,927
FMV Gain/Loss - Securities	(514)	1,031	-	(427)	-	-	(319)
Inc-Capacity Fees	39,414	35,008	13,000	16,252	-	150,000	154,613
Grant	-	-	25,500	25,500	-	25,000	293,977
Inc-Save-A-Can/Buy-A-Fish	8,351	747	-	-	-	-	-
Total Capital Improvement	330,538	336,371	398,500	514,621	310,000	485,000	889,157
<u>Debt Service Fund</u>							
Inc-Assessment Res (PID Share)	1,756	-	-	-	-	-	-
Total Debt Service	1,756	-	-	-	-	-	-
<u>Recovery Proceeds</u>							
State Backfill Funding	-	-	7,374,000	7,374,330	7,374,000	7,374,000	7,374,330
FEMA Reimbursements	-	1,217,402	2,625,000	159,961	3,386,630	3,386,630	2,390,485
Insurance Proceeds	-	1,350,000	4,080,000	4,084,707	5,000,000	5,000,000	2,381,669
PGE Locating Reimbursements	-	-	150,000	-	300,000	300,000	59,627
Total Recovery Proceeds	-	2,567,402	14,229,000	11,618,998	16,060,630	16,060,630	12,206,111
<u>PFD</u>							
Revenue - PFD	124,037	73,308	50,000	54,372	50,000	50,000	51,635
PFD - Interest Income	-	-	-	-	-	-	-
Total PFD	124,037	73,308	50,000	54,372	50,000	50,000	51,635
Total Revenue	8,894,053	9,063,509	18,098,294	15,665,723	19,925,794	19,846,634	16,171,903

Paradise Irrigation District
April 30, 2021
Water Revenue

	Service Charge												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Year to Date Totals
2020/21 Actual	193,719.64	290,783.01	109,841.02	315,358.63	106,350.15	321,169.01	185,907.59	254,983.03	172,960.84	345,731.05	-	-	2,296,803.97
2020/21 Budget	191,230.75	214,130.75	213,915.75	213,700.75	213,485.75	213,270.75	213,055.75	212,840.75	212,625.75	212,410.75	212,195.75	211,980.75	2,534,844.00
2019/20 Actual	146,492.90	286,941.77	98,612.10	272,780.57	87,685.57	248,388.56	179,279.03	216,404.86	141,753.78	240,074.79	106,832.43	278,302.58	2,303,548.94
2019/20 Budget	191,260.00	191,259.00	191,258.00	191,257.00	191,256.00	191,255.00	191,254.00	191,253.00	191,252.00	191,251.00	191,250.00	191,249.00	2,295,054.00
2018/19 Actual	436,392.90	436,643.38	436,273.95	436,719.47	537,251.36	-	-	-	410,683.57	(17,049.96)	391,672.04	(7,797.98)	3,060,788.73
2017/18 Actual	370,414.10	371,213.98	370,772.40	371,237.20	370,130.18	371,681.00	371,421.01	436,336.33	436,122.75	436,034.97	435,797.15	435,718.87	4,776,879.94



Paradise Irrigation District
April 30, 2021
Operational Expense Summary

	FY 2017/18 Actual	FY 2018/19 Actual	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate	FY 2020/21 Estimate Update	FY 2020/21 Actual
Operational Summary							
Salary and Benefits	3,583,708	3,834,620	3,878,437	3,501,763	3,974,990	3,934,990	2,965,034
Materials and Supplies	641,180	568,531	1,112,100	960,611	1,043,400	1,043,400	743,459
Outside Services	442,291	216,443	612,120	412,974	597,150	657,000	479,012
Utilities	290,220	241,473	286,739	248,384	276,500	276,500	243,885
Insurance	111,642	107,607	144,909	137,155	241,750	191,750	127,967
Board	23,471	21,691	17,400	-	37,000	37,000	13,122
Total Operating Expense	5,092,511	4,990,364	6,051,705	5,260,887	6,170,790	6,140,640	4,572,478

	FY 2017/18 Actual	FY 2018/19 Actual	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate	FY 2020/21 Estimate Update	FY 2020/21 Actual
Source of Supply							
Salary and Benefits	-	3,568	-	-	-	-	-
Materials and Supplies	55,247	29,461	26,500	-	30,000	30,000	2,589
Outside Services	9,138	3,926	177,070	77,476	173,000	173,000	145,231
Utilities	5,229	5,294	3,100	344	-	-	-
Insurance	492	-	-	-	-	-	-
Total Source and Supply	70,106	42,249	206,670	77,819	203,000	203,000	147,820
Security & Recreation							
Salary and Benefits	173,017	143,483	45,000	40,777	-	-	-
Materials and Supplies	1,494	554	4,200	-	-	-	-
Outside Services	1,427	1,925	4,350	36	-	-	-
Utilities	6,314	3,890	2,700	1,724	-	-	-
Insurance	1,530	-	1,565	1,500	-	-	-
Total Security & Recreation	183,781	149,851	57,815	44,036	-	-	-
Water Treatment							
Salary and Benefits	932,485	1,006,757	941,949	912,991	933,541	933,541	837,461
Materials and Supplies	183,223	196,599	231,900	180,761	251,100	251,100	160,137
Outside Services	23,262	29,931	71,250	45,341	69,000	69,000	38,154
Utilities	146,929	117,886	153,300	128,510	149,300	149,300	123,944
Insurance	12,168	-	17,740	17,000	25,500	25,500	17,500
Total Water Treatment	1,298,068	1,351,173	1,416,139	1,284,603	1,428,441	1,428,441	1,177,196
Transmission & Distribution							
Salary and Benefits	1,103,566	1,117,209	1,689,933	1,324,018	1,615,118	1,615,118	1,081,815
Materials and Supplies	191,972	168,200	614,500	595,674	541,500	541,500	440,890
Outside Services	21,988	18,567	34,900	35,038	34,750	51,750	43,082
Utilities	64,252	64,467	80,600	60,227	71,200	71,200	61,272
Insurance	9,876	-	26,778	26,000	45,000	45,000	31,000
Total Transmission and Distribution	1,391,655	1,368,444	2,446,712	2,040,957	2,307,568	2,324,568	1,658,060
Customer Service							
Salary and Benefits	453,206	467,799	341,606	272,357	331,826	331,826	218,610
Materials and Supplies	27	5,132	7,000	1,264	500	500	8
Outside Services	3,847	3,121	10,000	5,943	5,000	5,000	5,937
Insurance	3,687	-	11,936	11,500	18,750	18,750	12,900
Total Customer Service	460,766	476,051	370,542	291,064	356,076	356,076	237,455
Administration							
Salary and Benefits - Admin Staff	921,433	1,095,804	859,948	951,621	1,037,866	1,037,866	812,504
Salary and Benefits - Board	-	-	-	-	56,638	16,638	14,644
Materials and Supplies	209,216	168,585	228,000	182,912	220,300	220,300	139,835
Outside Services	382,630	158,974	314,550	249,141	315,400	358,250	246,607
Utilities	67,496	49,935	47,039	57,580	56,000	56,000	58,668
Insurance	83,889	107,607	86,890	81,155	152,500	102,500	66,567
Board Expenses	23,471	21,691	17,400	-	37,000	37,000	13,122
Total Administration	1,688,136	1,602,596	1,553,826	1,522,408	1,875,704	1,828,554	1,351,946

Paradise Irrigation District
April 30, 2021
Debt Service

Loan Name	FY 2016/17 Actual Total Payments	FY 2017/18 Actual Total Payments	FY 2018/19 Actual Total Payments	FY 2019/20 Estimated Total Payments	FY 2019/20 Actual Total Payments	FY 2020/21 Estimated Total Payments	FY 2020/21 Estimated Total Payments Update	FY 2020/21 Actual Total Payments
Davis Grunsky	182,743	-	-	-	-	-	-	-
2009 COP's	614,694	538,047	-	-	-	-	-	-
IBANK	130,276	130,240	130,202	-	-	-	-	-
2016 Private Placement (Refi)	243,426	244,874	148,325	246,002	246,002	246,258	340,587	340,587
2017 Private Placement (Refi)	-	75,192	330,580	595,721	595,721	595,587	595,587	595,587
New Debt	-	-	-	-	-	-	-	-
Total	1,171,139	988,353	609,108	841,723	841,723	841,845	936,174	936,174

Paradise Irrigation District
April 30, 2021
Recovery Related Expenditures

Recovery Expenditure Projection

- Supplies and services consist of construction costs associated with repair of the distribution system. FY 2020/21 estimates are based on costs incurred during the prior year and expected costs to be incurred based on the current recovery plan.
- Professional Services/Engineering costs consist of mutual aid reimbursements, professional services, engineering fees, mutual aid support, legal fees, and public assistance consulting fees. Year to date actual expenditures include approximately:
 - Recovery Related Legal Fees \$ 119,400
 - Mutual Aid \$ 30,000
 - Project Management Costs \$ 1,275,800
 - Public Assistance Consulting Fees \$ 182,300
 - Leak Detection Services \$ 65,800
 - PG&E Locating Services \$ 294,600
 - After Action Report \$ 42,900
- Water sampling costs are estimated based on the number of water samples expected to be completed during FY 2020/21.

	FY 2018/19 Actual	FY 2019/20 Estimate	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate	FY 2020/21 Estimate Update	FY 2020/21 Actual
<u>Materials and Supplies</u>							
Supplies and Services	714,209	750,000	2,500,000	2,222,142	8,531,148	7,990,272	3,497,004
<u>Outside Services</u>							
Professional Services/Engineering	1,309,242	2,425,000	3,450,000	3,790,370	1,500,000	2,480,000	2,010,797
Water Sampling	147,345	250,000	500,000	401,542	500,000	150,000	96,455
Totals	2,170,796	3,425,000	6,450,000	6,414,054	10,531,148	10,620,272	5,604,256

Paradise Irrigation District
April 30, 2021
Outstanding Contracts

Contracts	Project	Total Contract Price	Total Paid	Remaining
Wagner & Bonsignore	Water Rights Engineer	Open	100,436.61	Open
De Novo Planning Group	Water Rights Engineer	306,430.00	204,558.74	101,871.26
Genterra Consultants	Spillway Investigation	360,214.00	351,966.82	8,247.18
Genterra Consultants	Magalia Dam Piezometers Evaluation & Establishment of Threshold Limits	59,015.00	40,473.75	18,541.25
Genterra Consultants	Magalia Dam Interim Risk Reduction Measures & Long-term Repairs	114,558.00	53,749.29	60,808.71
Genterra Consultants	Fire Investigation and 19/20 Surveillance Reports	29,690.00	29,670.65	19.35
Genterra Consultants	2021 to 2023 Dam Surveillance	77,103.00	-	77,103.00
Water Works	NPDES Permit	158,906.00	108,086.95	50,819.05
Water Works	Project Management Services	3,700,000.00	3,433,614.58	266,385.42
Water Works	District Engineering Services	450,000.00	171,474.15	278,525.85
APTIM	Public Assistance Services	874,596.00	558,266.05	316,329.95
Firestorm	Arborist Services	26,880.00	10,210.00	16,670.00
Zenner USA	Meter Replacement Equipment	1,184,725.15	-	1,184,725.15
Sutton Enterprises	Service Lateral Replacement	4,532,452.50	4,434,418.90	98,033.60
Slate Geotechnical Consultants	Magalia Dam Engineering Study	395,319.00	60,641.55	334,677.45
Keith O'Brien	Safety and Operation Training Services	25,500.00	23,700.00	1,800.00
TOTAL OUTSTANDING OBLIGATIONS				<u>2,814,557.22</u>

Paradise Irrigation District
 April 30, 2021
 Monthly Investment Report of Transactions

	Beginning Balance 04/01/21	Interest Received	Gain / (Loss)	Transferred from Cash	Transferred to Cash	Ending Balance 04/30/21
LAIF						
Regular	\$ 11,197,873.94	11,975.21	-	-	-	\$ 11,209,849.15
DWR Reserve Fund	\$ 272,063.28	297.23	-	-		\$ 272,360.51



Paradise Irrigation District

Expense Approval Report

By Vendor Name

Payment Dates 4/1/2021 - 4/30/2021

Payment Date	Payment Number	Description (Item)	Amount
Vendor: 01016 - Access Information Protected			
04/16/2021	56206	Bulk Shredding	200.52
Vendor 01016 - Access Information Protected Total:			200.52
Vendor: 01022 - ACWA/JPIA			
04/13/2021	56180	Dental	1,793.39
04/13/2021	56180	Life	516.44
04/13/2021	56180	Medical	35,524.42
04/13/2021	56180	EAP	61.88
04/13/2021	56180	Vision	505.25
04/13/2021	56180	Workers Compensation 1/1/2021-03/31/2021	10,617.64
Vendor 01022 - ACWA/JPIA Total:			49,019.02
Vendor: 02957 - Aflac			
04/02/2021	DFT0004618	Montly Aflac Invoice	276.06
04/16/2021	DFT0004671	Montly Aflac Invoice	276.06
04/30/2021	DFT0004684	Montly Aflac Invoice	276.06
Vendor 02957 - Aflac Total:			828.18
Vendor: 03066 - Airgas USA, LLC			
04/16/2021	56207	Welding Supplies	595.02
Vendor 03066 - Airgas USA, LLC Total:			595.02
Vendor: 02840 - American Messaging			
04/13/2021	56181	Stand By Pager- Shop	40.64
Vendor 02840 - American Messaging Total:			40.64
Vendor: 03090 - APTIM Environmental & Infrastructure LLC			
04/23/2021	56235	Job#18-F1 Public Assistance	5,865.00
Vendor 03090 - APTIM Environmental & Infrastructure LLC Total:			5,865.00
Vendor: 01068 - Aramark Uniform Services			
04/02/2021	56157	Uniforms-Shop	492.01
04/02/2021	56157	Uniforms-TP	114.24
04/13/2021	56182	Uniforms-Shop	267.16
04/13/2021	56182	Uniforms- TP	114.24
04/16/2021	56208	Uniforms-Shop	259.57
04/16/2021	56208	Uniforms-TP	114.24
04/23/2021	56236	Uniforms-Shop	529.39
04/23/2021	56236	Uniforms- TP	114.24
Vendor 01068 - Aramark Uniform Services Total:			2,005.09
Vendor: 01074 - Asbury Enviromental Service			
04/02/2021	56158	Misc Supplies	55.00
04/13/2021	56183	Misc Supplies	160.00
Vendor 01074 - Asbury Enviromental Service Total:			215.00
Vendor: 01082 - AT&T			
04/05/2021	56177	B Res A Tank Alarm	33.34
04/05/2021	56177	B Res A Tank Alarm	33.34
04/13/2021	56184	Phone Lines- Shop/TP/Office	711.43
04/23/2021	56237	Phone Lines-Shop/TP/Office	720.95
04/23/2021	56237	B Res A Tank Alarm	33.34
04/23/2021	56237	B Res A Tank Alarm	33.34
Vendor 01082 - AT&T Total:			1,565.74
Vendor: 03071 - BC Laboratories, Inc.			
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	650.00

Expense Approval Report

Payment Dates: 4/1/2021 - 4/30/2021

Payment Date	Payment Number	Description (Item)	Amount
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	415.00
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	650.00
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	415.00
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	1,130.00
04/13/2021	56185	Job#18-F1 Surveillance Monitoring	487.50
04/13/2021	56185	Job#18-F1 Water Sampling	74.50
04/23/2021	56238	Job#18-F1 Surveillance Monitoring	350.00
04/23/2021	56238	Job#18-F1 Surveillance Monitoring	585.00
04/23/2021	56238	Job#18-F1 Surveillance Monitoring	520.00
04/23/2021	56238	Job#18-F1 Surveillance Monitoring	1,065.00
04/23/2021	56238	Job#18-F1 Surveillance Monitoring	415.00
Vendor 03071 - BC Laboratories, Inc. Total:			6,757.00
Vendor: 03098 - Berkeley Research Group, LLC			
04/16/2021	56209	Job#18-F1 Professional Services	38,179.50
Vendor 03098 - Berkeley Research Group, LLC Total:			38,179.50
Vendor: 03108 - Broad & Gusman			
04/02/2021	56159	Lobbyist Retainer	4,000.00
04/23/2021	56239	Lobbyist Retainer	4,000.00
Vendor 03108 - Broad & Gusman Total:			8,000.00
Vendor: 01220 - Butte County AQMD			
04/16/2021	56210	Permit to Op. Standby Generators	261.30
04/16/2021	56210	Permit to Op. Standby Generators	261.30
Vendor 01220 - Butte County AQMD Total:			522.60
Vendor: 02971 - Capital One Public Funding, LLC			
04/16/2021	56211	Interest Charges	21,368.60
04/16/2021	56211	2016 Private Placement Loan (Refiance)	101,000.00
Vendor 02971 - Capital One Public Funding, LLC Total:			122,368.60
Vendor: 01266 - Cedar Creek Publishing			
04/13/2021	56186	Customer Relations	3,359.45
Vendor 01266 - Cedar Creek Publishing Total:			3,359.45
Vendor: 03065 - Comcast Business			
04/16/2021	56212	Internet-Office	851.43
Vendor 03065 - Comcast Business Total:			851.43
Vendor: 01320 - Comcast			
04/13/2021	56187	Internet-Office	732.13
Vendor 01320 - Comcast Total:			732.13
Vendor: 02905 - COMP, Inc.			
04/13/2021	56188	Physicals/Pre-Employment	315.50
Vendor 02905 - COMP, Inc. Total:			315.50
Vendor: 03135 - Constant and Associates, Inc.			
04/02/2021	56160	Job#18-F1 After Action Report	24,000.00
04/02/2021	56160	Job#18-F1 After Action Report	18,850.00
Vendor 03135 - Constant and Associates, Inc. Total:			42,850.00

Expense Approval Report

Payment Dates: 4/1/2021 - 4/30/2021

Payment Date	Payment Number	Description (Item)	Amount
Vendor: 01415 - D.H. Slater & Son, Inc.			
04/16/2021	56213	Construction Meter Deposit Refund	1,000.00
Vendor 01415 - D.H. Slater & Son, Inc. Total:			1,000.00
Vendor: 01552 - Davi, Bruce			
04/02/2021	56161	Pest Control	200.00
04/02/2021	56161	Pest Control	375.00
04/02/2021	56161	Pest Control	500.00
04/02/2021	56161	Pest Control	1,550.00
04/02/2021	56161	Pest Services	400.00
04/02/2021	56161	Pest Control	700.00
Vendor 01552 - Davi, Bruce Total:			3,725.00
Vendor: 03154 - Dropcountr, Inc.			
04/16/2021	56214	Dropcountr Implementation/Annual Subscription	12,750.00
Vendor 03154 - Dropcountr, Inc. Total:			12,750.00
Vendor: 01474 - Eagles Security Systems			
04/16/2021	56215	Building Security-Office	135.00
04/16/2021	56215	Building Security-Shop	402.30
Vendor 01474 - Eagles Security Systems Total:			537.30
Vendor: 02888 - Elecsys International Corporation			
04/02/2021	56162	Misc Supplies	10.00
Vendor 02888 - Elecsys International Corporation Total:			10.00
Vendor: 01496 - Employee Relations			
04/13/2021	56189	DMV & Pre-Employment	115.44
Vendor 01496 - Employee Relations Total:			115.44
Vendor: 01480 - Employment Development Dept.			
04/04/2021	DFT0004633	State Income Tax Withholding	-0.48
04/04/2021	DFT0004636	State Disability Withholding	-0.11
04/05/2021	DFT0004625	State Income Tax Withholding	3,596.59
04/05/2021	DFT0004628	State Disability Withholding	1,061.16
04/08/2021	DFT0004645	State Income Tax Withholding	-0.16
04/08/2021	DFT0004648	State Disability Withholding	196.04
04/10/2021	DFT0004657	State Income Tax Withholding	459.71
04/10/2021	DFT0004660	State Disability Withholding	98.70
04/11/2021	DFT0004665	State Income Tax Withholding	2.32
04/11/2021	DFT0004668	State Disability Withholding	0.46
04/19/2021	DFT0004678	State Income Tax Withholding	3,837.49
04/19/2021	DFT0004681	State Disability Withholding	1,062.45
Vendor 01480 - Employment Development Dept. Total:			10,314.17
Vendor: 01275 - Enterprise Record			
04/02/2021	56163	Public Notice	385.98
04/13/2021	56190	Public Notice	435.00
Vendor 01275 - Enterprise Record Total:			820.98
Vendor: 01521 - Fastenal Co			
04/13/2021	56191	Construction & Maint Supplies	500.11
04/23/2021	56240	Small Hand Tools	28.27
Vendor 01521 - Fastenal Co Total:			528.38
Vendor: 01527 - Ferguson Enterprises, Inc			
04/13/2021	56192	FC Tap Clamp 5" x 12" x 2" 4.95-5.35 OD	119.00
04/13/2021	56192	FC Tap Clamp 4' x 12' x 2' 3.95-4.20 OD	774.40
04/13/2021	56192	D-5 tapping machine	1,999.14
04/23/2021	56241	OD tapes	32.00
Vendor 01527 - Ferguson Enterprises, Inc Total:			2,924.54

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Payment Date	Payment Number	Description (Item)	Amount
Vendor: 01528 - FGL Environmental			
04/02/2021	56164	Job#18-F1 Water Sampling	24.00
04/02/2021	56164	Job#18-F1 Water Sampling	200.00
04/02/2021	56164	Job#18-F1 Water Sampling	52.00
04/02/2021	56164	Job#18-F1 Water Sampling	88.00
04/02/2021	56164	Job#18-F1 Water Sampling	22.00
04/02/2021	56164	Job#18-F1 Water Sampling	88.00
04/23/2021	56242	Job#18-F1 Water Sampling	24.00
04/23/2021	56242	Job#18-F1 Water Sampling	22.00
04/23/2021	56242	Job#18-F1 Water Sampling	22.00
04/23/2021	56242	Job#18-F1 Water Sampling	88.00
04/23/2021	56242	Job#18-F1 Water Sampling	22.00
04/23/2021	56242	Job#18-F1 Water Sampling	88.00
Vendor 01528 - FGL Environmental Total:			740.00
Vendor: 02945 - Fiserv Solutions, LLC			
04/13/2021	56193	Bank Charges 2021-03	11.48
Vendor 02945 - Fiserv Solutions, LLC Total:			11.48
Vendor: 01555 - Franklin Construction			
04/02/2021	56165	recycled baserock	104.12
Vendor 01555 - Franklin Construction Total:			104.12
Vendor: 01587 - Genterra Consultants, Inc.			
04/16/2021	56216	Magalia Dam Piezometer Evaluation	2,205.00
Vendor 01587 - Genterra Consultants, Inc. Total:			2,205.00
Vendor: 01705 - Hunt & Sons, Inc.			
04/13/2021	56194	200gals. unleaded gasoline	699.69
04/16/2021	56217	210gals. unleaded gasoline	744.75
04/23/2021	56243	210gals. unleaded gasoline	744.75
Vendor 01705 - Hunt & Sons, Inc. Total:			2,189.19
Vendor: 01713 - I.B.E.W. Local Union 1245			
04/02/2021	56166	Union Dues	-42.00
04/02/2021	56166	Union Dues	811.90
04/16/2021	56218	Union Dues	811.90
04/16/2021	56218	Union Dues	-42.00
Vendor 01713 - I.B.E.W. Local Union 1245 Total:			1,539.80
Vendor: 01716 - ICMA Retirement Trust-401			
04/01/2021	DFT0004630	Retirement - 401(a) Match	-0.19
04/02/2021	DFT0004620	Retirement - 401(a) Match	1,879.14
04/07/2021	DFT0004654	Retirement - 401(a) Match	224.84
04/08/2021	DFT0004662	Retirement - 401(a) Match	0.92
04/16/2021	DFT0004673	Retirement - 401(a) Match	1,851.31
04/30/2021	DFT0004686	Retirement - 401(a) Match	1,850.14
Vendor 01716 - ICMA Retirement Trust-401 Total:			5,806.16
Vendor: 01715 - ICMA Retirement Trust-457			
04/01/2021	DFT0004631	Retirement Trust - 457	-0.19
04/01/2021	DFT0004632	Deferred Comp 457	-0.58
04/02/2021	DFT0004621	Retirement Trust - 457	1,879.14
04/02/2021	DFT0004622	Deferred Comp 457	6,173.16
04/02/2021	DFT0004623	Retirement Trust - 457	766.72
04/02/2021	DFT0004624	Retirement Trust - 457	792.28
04/07/2021	DFT0004655	Retirement Trust - 457	224.84
04/07/2021	DFT0004656	Deferred Comp 457	674.52
04/08/2021	DFT0004663	Retirement Trust - 457	0.92
04/08/2021	DFT0004664	Deferred Comp 457	2.74
04/16/2021	DFT0004674	Retirement Trust - 457	1,851.31
04/16/2021	DFT0004675	Deferred Comp 457	6,089.69
04/16/2021	DFT0004676	Retirement Trust - 457	785.93
04/16/2021	DFT0004677	Retirement Trust - 457	792.28

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Payment Date	Payment Number	Description (Item)	Amount
04/30/2021	DFT0004687	Retirement Trust - 457	1,850.14
04/30/2021	DFT0004688	Deferred Comp 457	6,086.15
04/30/2021	DFT0004689	Retirement Trust - 457	814.07
04/30/2021	DFT0004690	Retirement Trust - 457	792.28
Vendor 01715 - ICMA Retirement Trust-457 Total:			29,575.40
Vendor: 01722 - Infinisource Cobra Compliance			
04/23/2021	56244	Flexible Benefits	80.00
Vendor 01722 - Infinisource Cobra Compliance Total:			80.00
Vendor: 02807 - Infosend			
04/13/2021	56195	Postage	1,857.67
04/23/2021	56245	Postage	30.80
Vendor 02807 - Infosend Total:			1,888.47
Vendor: 01720 - Inland Business Systems			
04/05/2021	56178	Office Equip Maint	453.91
04/16/2021	56219	Office Equip- Maint	610.65
Vendor 01720 - Inland Business Systems Total:			1,064.56
Vendor: 01731 - Internal Revenue Service			
04/04/2021	DFT0004634	FICA Withholding	-1.22
04/04/2021	DFT0004635	Fed Withholding	-1.02
04/04/2021	DFT0004637	Medicare Withholding	-0.28
04/05/2021	DFT0004626	FICA Withholding	10,922.92
04/05/2021	DFT0004627	Fed Withholding	10,961.47
04/05/2021	DFT0004629	Medicare Withholding	2,554.56
04/08/2021	DFT0004646	FICA Withholding	0.16
04/10/2021	DFT0004658	FICA Withholding	1,019.86
04/10/2021	DFT0004659	Fed Withholding	1,169.60
04/10/2021	DFT0004661	Medicare Withholding	238.52
04/11/2021	DFT0004666	FICA Withholding	4.82
04/11/2021	DFT0004667	Fed Withholding	7.73
04/11/2021	DFT0004669	Medicare Withholding	1.14
04/19/2021	DFT0004679	FICA Withholding	10,936.26
04/19/2021	DFT0004680	Fed Withholding	11,397.35
04/19/2021	DFT0004682	Medicare Withholding	2,557.70
Vendor 01731 - Internal Revenue Service Total:			51,769.57
Vendor: 03057 - International Brotherhood of 137 TCWH			
04/02/2021	56167	Union Dues Teamsters	170.77
04/16/2021	56220	Union Dues Teamsters	170.77
Vendor 03057 - International Brotherhood of 137 TCWH Total:			341.54
Vendor: 01742 - J C Nelson Supply Co.			
04/02/2021	56168	Janitorial Supplies	267.22
04/23/2021	56246	Janitorial Supplies	140.50
04/23/2021	56246	Janitorial Supplies	276.71
Vendor 01742 - J C Nelson Supply Co. Total:			684.43
Vendor: 01790 - Knife River Construction			
04/02/2021	56169	Construction & Maint Suppiles	427.97
04/23/2021	56247	Construction & Maint Supplies	877.10
Vendor 01790 - Knife River Construction Total:			1,305.07
Vendor: 01828 - Les Schwab Tire Center			
04/16/2021	56221	Equipment Repairs #30	1,178.24
Vendor 01828 - Les Schwab Tire Center Total:			1,178.24
Vendor: 01905 - Minasian, Meith, Soares, Sexton & Cooper, LLP			
04/16/2021	56222	Legal	12,571.73
04/16/2021	56222	Job#18-F1 Legal	1,760.00
Vendor 01905 - Minasian, Meith, Soares, Sexton & Cooper, LLP Total:			14,331.73
Vendor: 03045 - N.C.G.T. SECURITY FUND			
04/02/2021	56170	Health 2021-05	8,686.00
Vendor 03045 - N.C.G.T. SECURITY FUND Total:			8,686.00

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Payment Date	Payment Number	Description (Item)	Amount
Vendor: 01960 - Normac			
04/23/2021	56248	1" galv tee	151.22
04/23/2021	56248	1 x 4 galv nipple	99.74
04/23/2021	56248	inverted hose bib	350.28
04/23/2021	56248	1" close galv nipple	94.94
04/23/2021	56248	1" galv 90	118.99
04/23/2021	56248	1 x 30 galv nipple	757.43
04/23/2021	56248	1" close galv nipple	159.27
04/23/2021	56248	1" galv cap	175.89
04/23/2021	56248	1" galv 90	239.17
04/23/2021	56248	1 x 4 galv nipple	244.53
04/23/2021	56248	1" galv tee	353.93
04/23/2021	56248	inverted hose bib	923.05
04/23/2021	56248	1" backflow	12,684.46
04/23/2021	56248	1 x 3/4 bell reducers	216.60
Vendor 01960 - Normac Total:			16,569.50
Vendor: 01980 - Northern Recycling & Waste Svcs			
04/13/2021	56196	Job#18-F1 Debris Storage	160.00
04/13/2021	56196	Garbage- 6350 Clark	81.72
04/16/2021	56223	Garbage-TP	49.91
04/16/2021	56223	Garbage-Shop	170.12
04/16/2021	56223	Garbage-Office	56.74
Vendor 01980 - Northern Recycling & Waste Svcs Total:			518.49
Vendor: 01950 - Northstate Aggregate, Inc.			
04/13/2021	56197	Construction & Maint Supplies	1,415.45
04/13/2021	56197	Construction & Maint Supplies	441.04
04/13/2021	56197	Construction & Maint Supplies	431.34
04/13/2021	56197	Construction & Maint Supplies	445.48
04/13/2021	56197	Construction & Maint Supplies	446.04
04/13/2021	56197	Construction & Maint Supplies	479.33
04/13/2021	56197	Construction & Maint Supplies	446.78
04/13/2021	56197	Construction & Maint Supplies	484.47
04/13/2021	56197	Construction & Maint Supplies	933.84
04/13/2021	56197	Construction & Maint Supplies	439.93
04/13/2021	56197	Construction & Maint Supplies	481.70
Vendor 01950 - Northstate Aggregate, Inc. Total:			6,445.40
Vendor: 01538 - O'Reilly Auto Parts			
04/16/2021	56224	Equipment Repairs	39.11
04/16/2021	56224	Small Hand Tools	71.08
04/16/2021	56224	Equipment Repairs #2	107.74
04/16/2021	56224	Equipment Repairs #21	32.73
04/16/2021	56224	Equipment Repairs #32	75.55
04/16/2021	56224	Constrcution & Maint Supplies	43.61
04/16/2021	56224	Equipment Repairs	9.15
04/23/2021	56249	Equipment Repairs #27	67.21
04/23/2021	56249	Equipment Repairs	85.33
Vendor 01538 - O'Reilly Auto Parts Total:			531.51
Vendor: 02030 - Pace Supply			
04/02/2021	56171	2" PE inserts	238.91
04/02/2021	56171	1" PE inserts	4.50
04/16/2021	56225	1" PE inserts	48.49
04/16/2021	56225	Angle Stop - Serv Brass - 1 ' Comp	10,678.03
04/23/2021	56250	1" PE inserts	1,075.50
04/23/2021	56250	2" PE inserts	1,889.35
Vendor 02030 - Pace Supply Total:			13,934.78
Vendor: 02081 - Pacific Gas & Electric Company			
04/13/2021	56198	Geppetto North	25.46
04/13/2021	56198	Mag Res Filtration Plant	13,620.89

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Payment Date	Payment Number	Description (Item)	Amount
04/13/2021	56198	Paradise Dam	44.17
04/13/2021	56198	Tank Res C	23.73
04/13/2021	56198	Shop-Gas	356.54
04/13/2021	56198	Pumping Station -Electric	46.43
04/13/2021	56198	Tank Res D	19.96
04/13/2021	56198	Tank Res E	23.46
04/13/2021	56198	Moore Rd- Gas	15.63
04/13/2021	56198	Tank Res A	21.80
04/13/2021	56198	Moore Rd - Electric	1,802.28
04/13/2021	56198	Office Electric	2,308.45
04/13/2021	56198	Office- Gas	425.09
04/23/2021	56251	(6) Locations-MS	7.91
Vendor 02081 - Pacific Gas & Electric Company Total:			18,741.80
Vendor: 02049 - Parcel Quest			
04/23/2021	56252	Subscription 5/1/21-4/30/22	2,500.00
Vendor 02049 - Parcel Quest Total:			2,500.00
Vendor: 02070 - Peterson			
04/13/2021	56199	cat backhoe	111,179.62
Vendor 02070 - Peterson Total:			111,179.62
Vendor: 02062 - Pitney Bowes Purchase Power			
04/23/2021	56253	Office Supplies	130.73
04/23/2021	56253	Meter Postage	500.00
Vendor 02062 - Pitney Bowes Purchase Power Total:			630.73
Vendor: 03048 - Plan B Professional Answering Service			
04/13/2021	56200	Job#18-F1 Answering Service	149.50
Vendor 03048 - Plan B Professional Answering Service Total:			149.50
Vendor: 03150 - Pres Tech Equipment Company			
04/02/2021	56172	repair parts for valve truck	928.50
Vendor 03150 - Pres Tech Equipment Company Total:			928.50
Vendor: 03096 - Rankin Stock Heaberlin Oneal			
04/13/2021	56201	Legal	456.00
Vendor 03096 - Rankin Stock Heaberlin Oneal Total:			456.00
Vendor: 03070 - Reed Smith LLP			
04/23/2021	56254	Job#18-F1 Professional Services	821.60
Vendor 03070 - Reed Smith LLP Total:			821.60
Vendor: 02057 - Riebes Auto Parts			
04/16/2021	56226	Equipment Repairs	278.27
04/16/2021	56226	Equipment Repairs	-36.00
04/16/2021	56226	Equipment Repairs #43	10.45
04/16/2021	56226	Equipment Repairs #7-M	80.79
04/16/2021	56226	Equipment Repairs #21	150.03
04/16/2021	56226	Equipment Repairs #7-M	150.03
Vendor 02057 - Riebes Auto Parts Total:			633.57
Vendor: 02211 - Sabre Backflow, LLC.			
04/13/2021	56202	backflow test kit	993.37
Vendor 02211 - Sabre Backflow, LLC. Total:			993.37
Vendor: 03153 - Slate Geotechnical Consultants			
04/16/2021	56227	Magalia Dam Seismic Retrofit 30%	60,641.55
Vendor 03153 - Slate Geotechnical Consultants Total:			60,641.55
Vendor: 03061 - Sterling Health Services, Inc DBA			
04/02/2021	DFT0004619	HSA Contribution	67.30
04/16/2021	DFT0004672	HSA Contribution	67.30
04/30/2021	DFT0004685	HSA Contribution	67.30
Vendor 03061 - Sterling Health Services, Inc DBA Total:			201.90

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Payment Date	Payment Number	Description (Item)	Amount
Vendor: 03134 - Teresa Contreras			
04/23/2021	56255	Janitorial Services-Office	684.00
04/23/2021	56255	Janitorial Services-Shop	494.00
04/23/2021	56255	Janitorial Services-TP	456.00
Vendor 03134 - Teresa Contreras Total:			1,634.00
Vendor: 02362 - Thomas Ace Hardware			
04/02/2021	56173	Small Hand Tools	118.51
04/02/2021	56173	Misc Supplies	38.37
04/02/2021	56173	Janitorial Supplies	28.10
04/02/2021	56173	Misc Supplies	111.82
04/13/2021	56203	Small Hand Tools	53.20
04/13/2021	56203	Construction & Maint Supplies	94.82
04/13/2021	56203	Small Hand Tools	79.39
04/13/2021	56203	Construction & Maint Supplies	146.08
04/13/2021	56203	Construction & Maint Supplies	43.12
04/13/2021	56203	Construction & Maint Supplies	14.48
04/13/2021	56203	Construction & Maint Supplies	20.99
04/16/2021	56228	Small Hand Tools	14.54
04/16/2021	56228	Small Hand Tools	2.30
04/16/2021	56228	Misc Supplies	70.72
04/16/2021	56228	Small Hand Tools	47.89
04/16/2021	56228	Misc Supplies	11.56
04/23/2021	56256	Construction & Maint Supplies	119.68
04/23/2021	56256	Small Hand Tools	39.71
04/23/2021	56256	Demonstration Garden Acct	100.76
04/23/2021	56256	Demonstration Garden Acct	9.41
04/23/2021	56256	Demonstration Garden Acct	8.22
04/23/2021	56256	Construction & Maint Supplies	35.16
04/23/2021	56256	Small Hand Tools	18.51
04/23/2021	56256	Misc Supplies	57.33
04/23/2021	56256	Small Hand Tools	42.23
04/23/2021	56256	Small Hand Tools	48.48
Vendor 02362 - Thomas Ace Hardware Total:			1,375.38
Vendor: 02373 - TOICO			
04/13/2021	56204	3" x 30' suction hose for valve truck	414.70
Vendor 02373 - TOICO Total:			414.70
Vendor: 02394 - Tyler Technologies, Inc.			
04/16/2021	56229	Transaction Fees	2,053.35
Vendor 02394 - Tyler Technologies, Inc. Total:			2,053.35
Vendor: 02824 - US Bank Corporate Payment System			
04/02/2021	56174	Small Hand Tools	46.08
04/02/2021	56174	Small Hand Tools	428.98
04/02/2021	56174	Equipment Repairs #24	38.77
04/02/2021	56174	Office Supplies	-38.79
04/02/2021	56174	Office Supplies	46.15
04/02/2021	56174	Office Supplies	23.07
04/02/2021	56174	Office Supplies	33.94
04/02/2021	56174	Office Supplies	342.00
04/02/2021	56174	Training	285.00
04/02/2021	56174	Training	1,200.00
04/02/2021	56174	Miscellaneous	181.98
04/02/2021	56174	Public Notice	20.00
04/02/2021	56174	Miscellaneous	36.38
04/02/2021	56174	Safety Supplies	21.43
04/02/2021	56174	Monthly Charges	12.99
04/02/2021	56174	Monthly Charges	19.99
04/02/2021	56174	Monthly Charges	252.00
04/02/2021	56174	Monthly Charges	29.99

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Payment Date	Payment Number	Description (Item)	Amount
04/02/2021	56174	Monthly Charges	14.99
04/02/2021	56174	Monthly Charges	19.98
04/02/2021	56174	Monthly Charges	12.99
04/02/2021	56174	Monthly Charges	562.70
04/02/2021	56174	Training	25.00
04/02/2021	56174	Monthly Charges	69.00
04/23/2021	56257	Seminars/Training	150.00
04/23/2021	56257	Office Supplies	342.00
04/23/2021	56257	Construction & Maint Supplies	681.86
04/23/2021	56257	Training	687.24
04/23/2021	56257	Misc Fees	30.00
04/23/2021	56257	Office Supplies	32.14
04/23/2021	56257	Office Supplies	6.96
04/23/2021	56257	Monthly Charges	19.99
04/23/2021	56257	Monthly Charges	12.99
04/23/2021	56257	Monthly Charges	18.17
04/23/2021	56257	Monthly Charges	252.00
04/23/2021	56257	Customer Relations	93.50
04/23/2021	56257	Customer Relations	125.00
04/23/2021	56257	Monthly Charges	29.99
04/23/2021	56257	Monthly Charges	14.99
04/23/2021	56257	Monthly Charges	19.98
04/23/2021	56257	Monthly Charges	12.99
04/23/2021	56257	Office Supplies	122.84
04/23/2021	56257	Annual Security Cert	249.99
Vendor 02824 - US Bank Corporate Payment System Total:			6,587.25
Vendor: 03104 - UtiliQuest			
04/16/2021	56230	Job#18-F1 Locating Services	23,602.33
Vendor 03104 - UtiliQuest Total:			23,602.33
Vendor: 02694 - Utility Services Associates, LLC			
04/16/2021	56231	Job#18-F1 Leak Detection	31,212.19
04/16/2021	56231	Job#18-F1 Leak Detection	26,873.46
Vendor 02694 - Utility Services Associates, LLC Total:			58,085.65
Vendor: 02703 - Verizon Wireless			
04/02/2021	56176	Mobile Phones	1,706.59
Vendor 02703 - Verizon Wireless Total:			1,706.59
Vendor: 02712 - VistaNet inc.			
04/13/2021	56205	Equipment Maint-Office	1,766.10
04/13/2021	56205	Equipment Maint-Office	239.00
Vendor 02712 - VistaNet inc. Total:			2,005.10
Vendor: 02716 - Walberg, Inc.			
04/16/2021	56232	Construction Meter Deposit Refund	-298.18
04/16/2021	56232	Construction Meter Deposit Refund	1,000.00
Vendor 02716 - Walberg, Inc. Total:			701.82
Vendor: 03002 - Water Works Engineers			
04/23/2021	56259	Job#18-F1 Disaster Recovery Management Services	107,779.71
Vendor 03002 - Water Works Engineers Total:			107,779.71
Vendor: 02787 - Zee Service Company			
04/05/2021	56179	Safety Supplies	306.79
04/23/2021	56260	Safety Supplies	179.85
04/23/2021	56260	Safety Supplies	714.24
Vendor 02787 - Zee Service Company Total:			1,200.88
Grand Total:			883,521.57

Customer Service Activity Report – April 2021

Service Requests

Service Type	Count
Account Management	349
Activate water w/Backflow	81
Backflow Maintenance	27
Construction Support	53
Disconnect	21
Field Customer Service	45
Field Maintenance	15
From Active to ready-to-serve	9
New Meter Order	2
No Water	5
Transfer Ownership	50
Water Quality	3
Grand Total	660

Down from 903 service requests in March

Phone activity

Phone Activity	Previous 3 months	March 2021	Trend
Average calls per day	46	45	Decreased
Average abandoned per day	3.8	1.6	Decreased
Average time abandon	2:43 min	1:28 min	Decreased
Average time to handle	1 minute	31 seconds	Decreased

Payments Processed

Method payment	March 2021	April 2021	Trend
Automated Phone System	114	162	Increased
Customer Service Staff	985	2775	Increased
Web Portal	470	1288	Increased
Total	1569	1569	



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: May 19, 2021

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Staff Report: Non-serviceable Properties

Information Only: The Board of Directors has asked for a list of properties we are currently unable to serve due to FEMA hold ups and disaster-related issues.

Water Requests / Backflow Installs:

54 Requests are delayed due to severe field situations.
11 Requests are outstanding for more than one year.

Known Mainlines that need repair.

(not all mainlines have been assessed)

We are aware of 117 affected addresses on 34 streets. There have been a total of 17 requests for water on these damaged mainlines.

Water Main	Rebuilds	IWS	Temp Housing
Mountain Meadow Ct.	1	1	0
Scottwood Rd.	1	0	1
Dean Pl.	1	0	0
Feather River Pl.	0	3	0
Pine Haven Dr.	0	1	1
Gracephil Ln.	1	1	0
Erin Way	0	1	0
Carson Ln.	0	0	2
Connell Ln.	0	0	1
Clark Rd. (1326 Bille)	0	0	0

Bailey Ln.	0	0	0
Bille Rd. (1720)	0	0	0
Circlewood Dr. (333)	0	0	0
Clark Rd. (6530)	0	0	0
College Hill Dr.	0	0	0
Crestview Dr.	0	0	0
Cumorah Ln.	0	0	0
Cypress Ln.	0	0	0
Dunmovin Ln.	0	0	0
Elk Ln.	0	0	0
Fawndale Ln.	0	0	0
Hayes Ln.	0	0	0
Highland Ln.	0	0	0
Howard Ln.	0	0	0
Jarvis Ln.	0	0	0
Kemen Ln.	0	1	0
Lisa Ln.	0	0	0
Luther Dr.	0	0	0
Newland Rd.	0	0	0
Nunneley Rd (1292-94)	0	0	0
Shay Ln.	0	0	0
Skyway (5423-35)	0	0	0
Skyway (6799)	0	0	0
Skyway (8777)	0	0	0
Snowflake Ln.	0	0	0
Vista Village Dr.	0	0	0
Wilson Ln.	0	0	0

**STAFF REPORT
FIELD OPERATIONS
April 2021**

TRANSMISSION & DISTRIBUTION

MAINTENANCE WORK.

- PID crews have been taking care of leaks/maintenance issues
- 12 Mainline line leaks were repaired this month
- 8 service lines were repaired
- 6 Fire Hydrants Repair/Replacements

SERVICE LINE REPLACEMENT

- PID crews have replaced 24 service lines

CUSTOMER REIMBURSEMENT JOBS (by work order)

- Working with the contractor at Ponderosa school for new fire system (Completed)
- Working on several request for lateral line installs
- Fire system for Eagles Lodge is planned out and will be scheduled for May 2021

PIPELINE REPLACEMENT AND EXTENSIONS

- Prepping for Cameo 6" pipeline replacement

SUMMARY

PID crews have been busy with service lateral replacement with Sutton leaving. For the month of April, a large portion of work has been focused in this area. Crews are planning and prepping Cameo to replace the 6" AC main that has been tested and is contaminated. One of the service lines replaced was for the gas station at Clark & Elliott Roads, previously the AM PM. It looks like they will be up and going soon.

STAFF REPORT
WATER TREATMENT PLANT
April 2021

WATER TREATMENT

- Production at the District's treatment plant for the month of April varied between 2.4 and 4.4 mgd, with the average day being 3.2 mgd. Compared to pre-fire April 2018, the range of production was 1.8 to 3.7 mgd with the average day of 2.6 mgd.
- Treatment Plant remains closed to the public due to the pandemic. Treatment Personnel do our best to keep the plant disinfected and to social distance both at work and at home. We are such a small group we can't afford to have someone sick.
- Completed required monthly reporting to Department of Drinking Water and Regional Water Control Board. Filed some of the required annual reports and still working on others.
- Slate Geotechnical is well into their evaluation of alternatives for the repair of the dam at Magalia Reservoir. They will be sharing their preliminary findings with the District in early May.
- Glenmount Global ordered the new PCs and software to upgrade that portion of the Plant SCADA system. They received the PCs and are working on loading the software and making sure everything transferred over successfully. We recently sent them our backup PLC so they can tie it to the PCs and make sure they all function together.
- Continue to work on year end reports that are required.

Staffing

- Treatment staff continues to work hard to stay on top of all required production and regulatory activities fitting in when we can necessary maintenance.

MAGALIA/PARADISE DAMS

- Met with Slate Geotechnical and DSOD to talk about the evaluation and go over some of their ideas.
- Performed annual dam inspections with DSOD and Genterra. Operated the dam outlet gates in their presence (a requirement to be done every 3 years with DSOD present).
- Monthly monitoring of piezometers at Magalia and Paradise dams was performed and reported to our consultant.

WATER QUALITY – DISTRIBUTION SYSTEM

- Laura Capra, Water Quality Technician, continues to work with Waterworks Engineering in the recovery of the system. We are still clearing mains that have been off since the fire.
- Surveillance Monitoring of the distribution system (started September 2020) will be ongoing for the next couple of years. By the end of April, we had performed 793 surveillance samples of the system. Of those, only one sample had a detect for Benzene, but when resampled was Non-detect. These results continue to be very promising.
- 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.

April 2021, WATER QUALITY

- Average daily production: 3.2 mgd
- Average effluent turbidity: 0.05 ntu
- Average raw water turbidity: 0.55 ntu

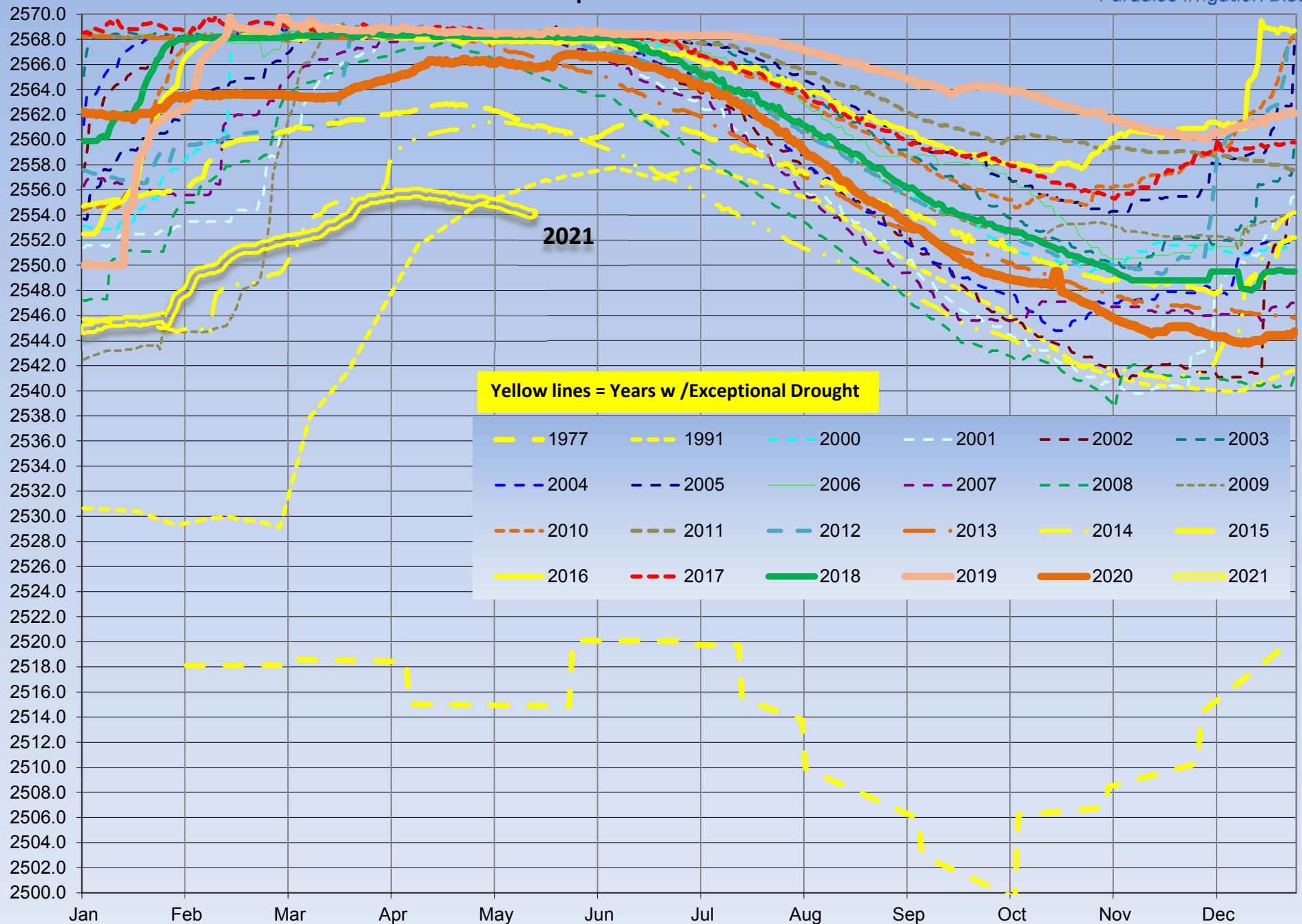
Water Levels (as of 4/30/2021)

- Magalia Reservoir 2197.3' This lake is measured in feet above sea level.
We maintain this lake below 2200.0' as required by the Dept. of Safety of Dams (DSOD).
- Paradise Lake -13.1' This lake is measured in feet below spill; in other words, how far the lake is down from full.

- Percentage of Water in Storage 75% of Total Available
- Rainfall for 2020/2021 rainfall year:

■	August	Magalia Res. .05"	Paradise Lake .57"
■	September	0	0
■	October	0	0
■	November	4.41"	4.51"
■	December	5.49"	5.25"
■	January	8.32"	8.20"
■	February	5.90"	6.04"
■	March	6.89"	5.99"
■	April	0.62"	2.02"

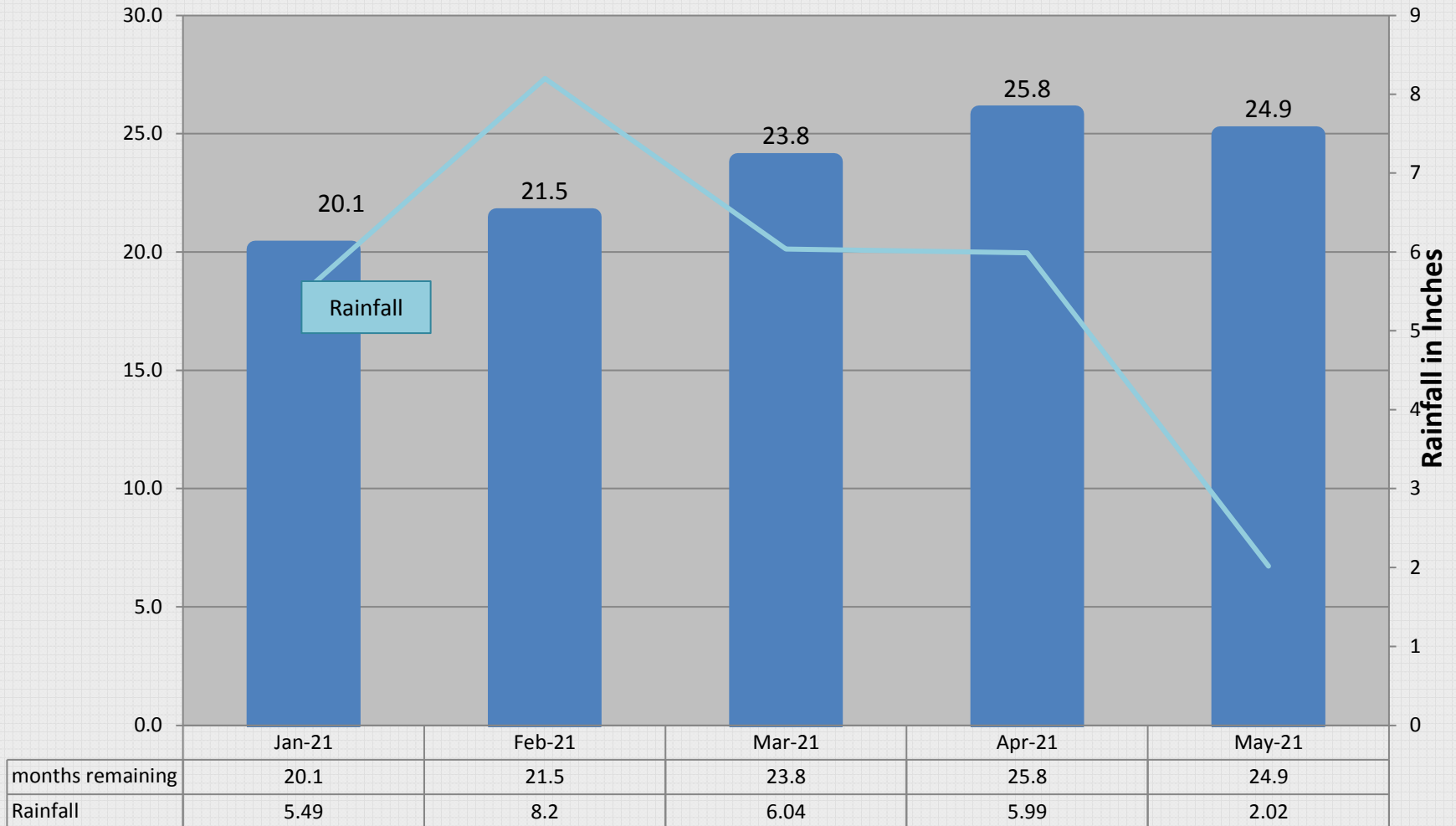
Paradise Lake Elevation
Updated 5/12/2021
Spill = 2568.1



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

Full Reservoir Supply is 33.76 Months of Supply Remaining

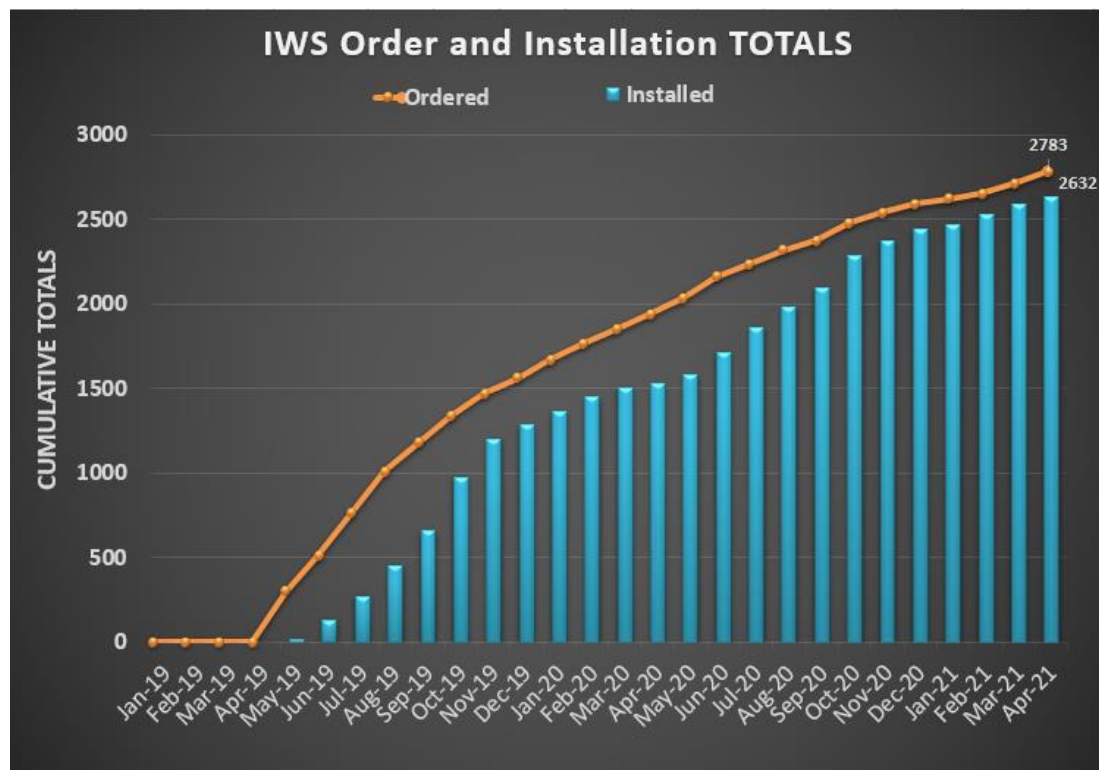
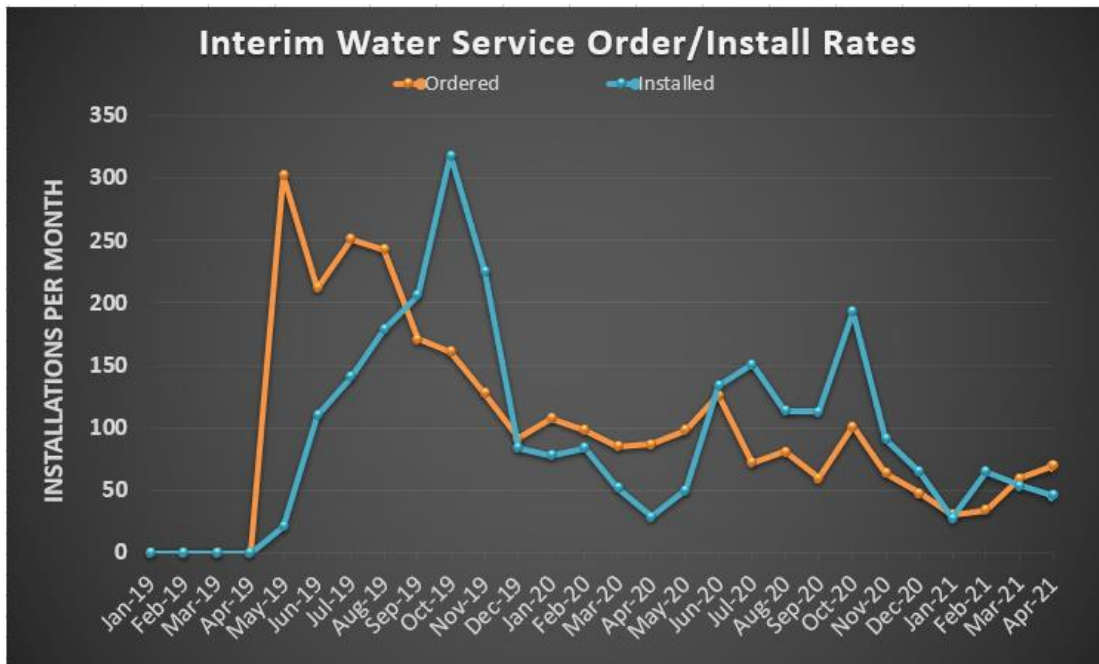
Pre-November 2018 Full reservoir months remaining = 25.8



Water Supply Recovery Program Update

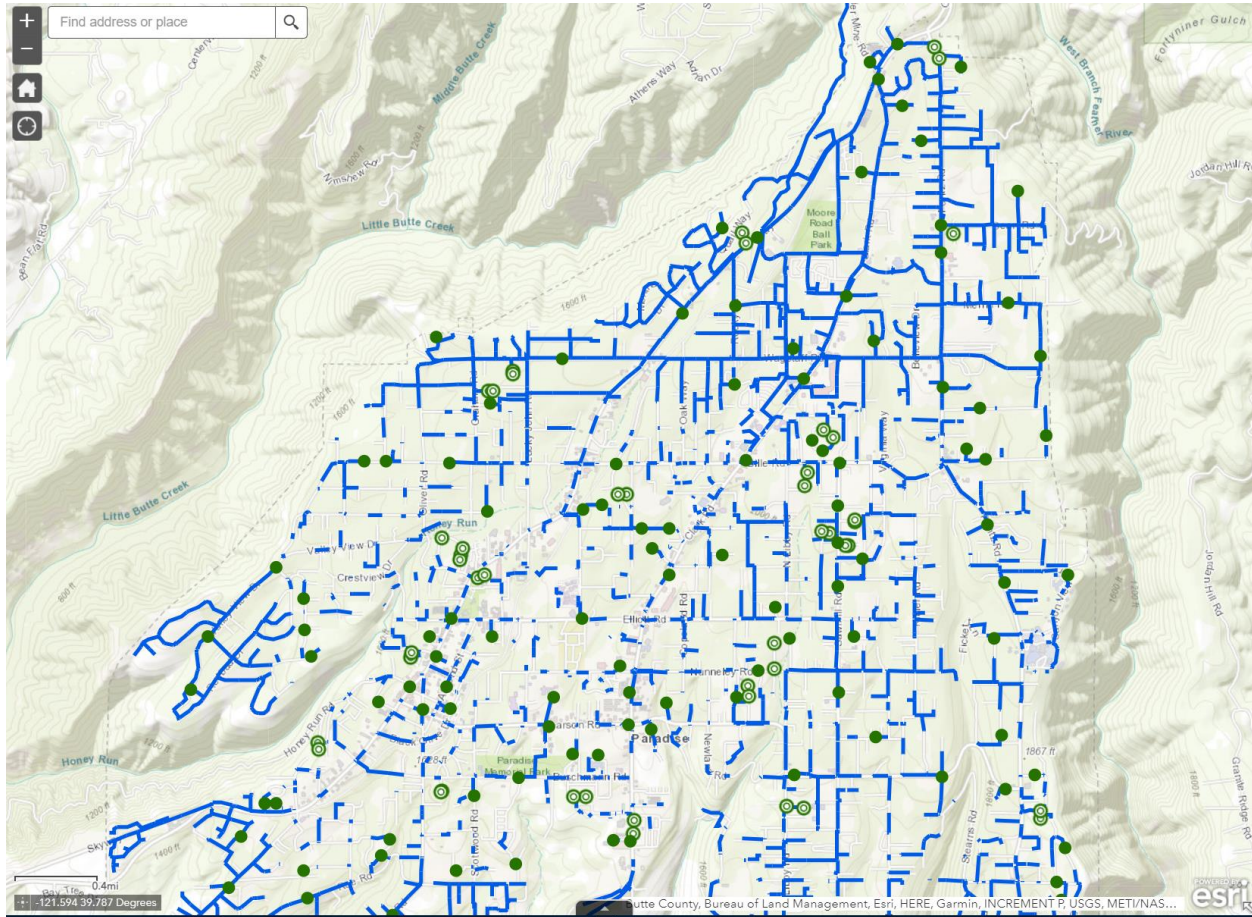
Project 1: Standing Structure and Main Testing and Clearing Program

- The Interim Water Service program continues. Orders in April were a bit higher, and installations were delayed by a lack of material supply. Additional materials have been ordered.



Water Supply Recovery Program Update

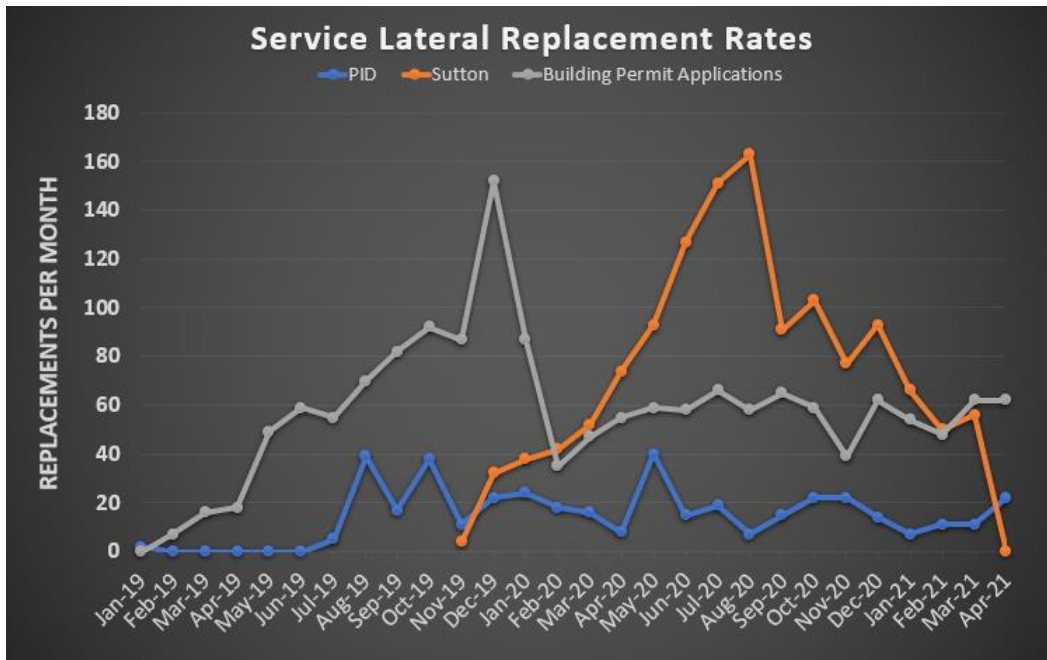
- Water Quality Assurance Monitoring continues with no fire related VOC violations discovered. At the current pace, the entire system will have had a first round of representative samples taken by early 2022.



Water Supply Recovery Program Update

Project 2: Service Lateral Replacement Program

- Service lateral installations continued in April with PID staff taking care of priority service lateral installations with Sutton Enterprises contract being completed and no contractor installed lateral work occurring. Priority service laterals are based on permit type, priority date, and customer service feedback. Once the MISLR project begins, production rate on service lateral replacements will once again increase.



Water Supply Recovery Program Update

Project 3: Meter Replacement Program

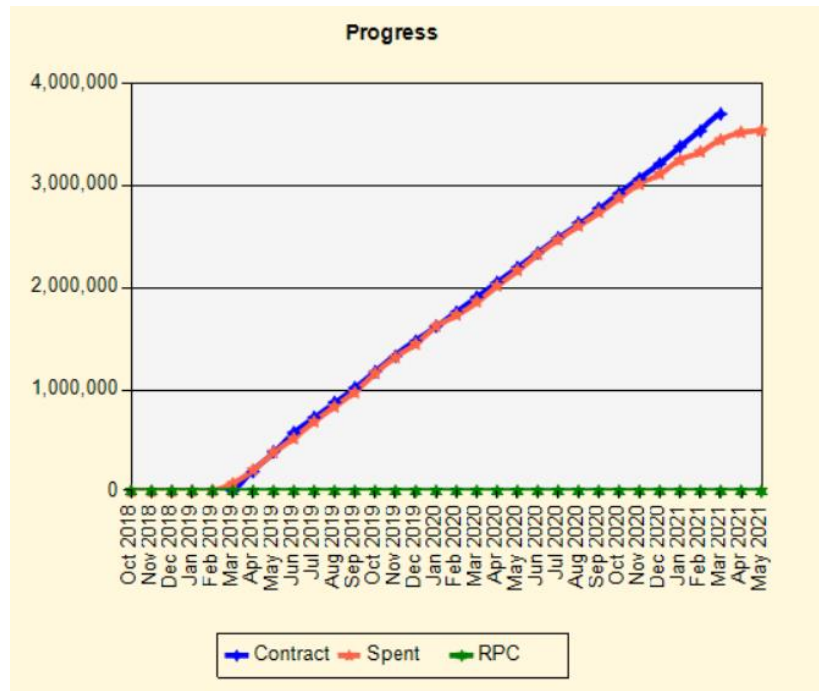
- We continue to work with Zenner on meter purchase, delivery and storage. A storage container has been put in the corp yard for these meters and Waterworks is assisting PID staff with inventory control.
- The MISLR project bid opening occurs on 5/14
- More discussion on project award in a separate agenda item.

Project 4: Reservoir B Replacement

Funding for the Reservoir B Replacement project continues to be pursued on two fronts. The IS/MND (CEQA) for the SRF/ASADRA funding application was posted to the State Clearinghouse for public comment and is scheduled for adoption by the Board on this meeting's agenda. This will allow the completion of the application for SRF/ASADRA funding which includes this project. At this time, the State SRF/ASADRA funding appears to be the most likely funding pathway for this project. On the FEMA grant funding side, the project was rejected by FEMA. While there is an appeal process, the likelihood of a successful appeal is unknown.

Budget

Project expenditures continued to be somewhat lower than our budget for the Recovery Program Management. This was due to the completion of active contract activity on the Service Lateral Replacement work and the continued delay in the Reservoir B project caused by FEMA funding timelines. Combined with lower than expected expenditures in the last few months, as of 4/1/21, we are approximately \$182k under planned budget expenditure for this time. This underrun, along with reallocation of some subtask budgets, will allow us to extend our services through June before needing to add to the project scope and budget for continuation of our work. We plan to come before the Board at the June Board meeting with a change order request for Water Works Engineers budget for the remainder of 2021. We are waiting until June so that we get a clearer picture of how the District will move forward with the MISLR and Reservoir B projects given the current funding questions.



District Engineering Update

District Engineering Support Task Status

- **Task 1 – CCCS Pipeline Easement Conveyance**
Support for this task is complete.
- **Task 2 – Schmale Easement Relinquishment**
Legal documents are presented in this agenda for release of the easement in question. Once approved, these documents will be recorded with Butte County and then conveyed to the property owner and Town of Paradise for record. Support for this task is complete.
- **Task 3 - PGE Easement at the Water Treatment Plant**
Survey completed in October. No further communication received from PG&E at this time.
- **Task 4 – Tesla Battery Backup Program**
Funding for both sites has been officially approved. Projects have been found to be excepted from permitting requirements through the Town of Paradise or Butte County.
Tentative Schedule outlook (Pump Station 2):
 - Design Complete
 - 4/16/21
 - Projected Start
 - 5/31/21
 - Final Inspection
 - 6/18/21
 - Permission to Operate from PID
 - 8/9/21

Design details for Water Treatment Plant still under final development.
- **Task 5 – Magalia Dam Engineering Study**
Weekly meeting attendance and staff support as needed. Alternatives evaluation workshop held in May with PID operations and management staff, as well as WWE. Slate continuing with work to complete the Design Report and 30% Design with the selected alternative. Scheduled for submission to PID in mid-June in advance of the July 1, 2021 project deadline. Next steps include examination of funding options for construction. Another round of procurement for the completion of the full design by the grant deadline of by July 1, 2022.
- **Task 6 – DDW Permit Renewal**
Support for this task is complete.
- **Task 7 – Public Records Act Request – Pentz Road**
Support for this task is complete.
- **Task 8 – Water Main and Easement - Jarvis/Roe Rd**
Support for this task is complete.
- **Task 9 – Miocene Canal**
No additional update at this time.
- **Task 10 – Almond Street Main Replacement Project**
Contract signed and kickoff meeting held. Coordination with the Town of Paradise regarding some design conflicts and physical work in the same space along Almond Street. Anticipating beginning of work in May or early June.

District Engineering Update

- **Task 11 – Dam Safety Emergency Action Plan**
Plan revisions underway by WWE staff, data request sent to PID staff for some remaining items data items or determinations. Draft should be ready for PID staff review in June. Local stakeholder coordination meeting to be organized in June for comment. Following revisions, plan can be submitted to DSOD.
- **Task 12 – Meter Insurance Claim**
Pending further feedback from JPIA or other data needs.
- **Task 13 – Leak Detection**
Project work complete and final report submitted to PID. Cost estimate and work summary developed for FEMA and CIP planning for PID. This work is well suited for PID crews to complete in house as available.
- **Task 14 – Development Review Support**
Continue to provide support for development review requests as they are sent by the Town of Paradise. Participation in biweekly meetings to discuss any upcoming support needs, outstanding reviews, or other related issues.
- **Task 15 – Special District Funds Grant Application**
Developed, approved by the Board and submitted at the end of October. Notified that PID has been awarded \$269,200 in grant funding to support energy resilience for critical facilities during power outages. Next steps include procurement of services to install solar backup at tank sites.
- **Task 16 – Zone A Pipeline and WTP Grant**
Grant in CEQA review at this time.
- **Task 17 – Urban Water Management Plan**
Continued work on Draft Urban Water Management Plan and Water Shortage Contingency Plan. Draft to PID staff by end of May. Plan will come before the Board for public comment, consideration and adoption in June.
- **Task 18 – SPCC Plan**
Updated and corrected plan submitted to Butte County as required. Training underway for PID staff on future responsibilities and updates for this plan.
- **Task 19 – Easement Release Request – Apple View Way**
Property record and easement research to support this inquiry/request. Data transmitted to the customer, in coordination with the Town of Paradise. Support for this task complete.
- **Task 20 – New Meter Estimate – Newland Rd**
Property and infrastructure research to provide engineering input on this request.
- **Task 21 – New Meter Estimate – 6148 Skyway**
Property and infrastructure research to provide engineering input on this request.
- **Task 22 – Luther Drive Development**
Property record, easement and infrastructure research and engineering to support the need for additional water service on this property, in coordination with members of the church at this location. Pending decisions by property owners, continued support will be provided as needed.

Task 23 – Paradise School District Data Request

District Engineering Update

Engineering request for infrastructure information surrounding various school sites throughout Paradise. Developed maps of relevant infrastructure, making corrections where outdated and annotations of size, material. Transmitted to customer.

- **Task 24 – RCAC Fee Study Request**
Working with staff to develop and provide cost information for DE support on typical development related tasks.
- **Task 25 – New Meter Estimate – 6303 Harold Lane**
Engineering review provided.
- **Task 26 – 6800 Skyway Map Request**
Engineering review and data gathered, provided.
- **Task 27 – PID Water System Options Study**
Engineering support for PID during the execution of the Options Study.
- **Task 28 – Lofty View – Quail Way Easement Information**
Engineering review and research completed to provide data on easements through this area belonging to PID. Data conveyed to local surveyor requesting this information.
- **Task 29 – Development Review Request 6462 Clark Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 30 – Safe Routes to School**
Coordination with the Town of Paradise, review of utility conflicts for this project. Attendance of preconstruction conference. Field relocation planned for a backflow device and possibly a service lateral. Field coordination with ToP to continue.
- **Task 31 – Ingoglia Annexation**
Research and engineering review of available documentation to determine steps forward for PID support of service at this location.
- **Task 32 – Development Review Request – Clark Road - Nexil**
Engineering review and comments provided to the Town of Paradise.
- **Task 33 – Lot Line Adjustment – 4929 Foster Road - MyersBaker**
Engineering review and comments provided to the Town of Paradise.
- **Task 34 – Brookwood Project Data Request**
Engineering review and system data gathered, provided to requestor.
- **Task 35 – Development Review Request – 685 Pearson Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 36 – Development Review Request – 6308 Skyway**
Engineering review and comments provided to the Town of Paradise.
- **Task 37 – Public Works Contract Support**
Research and assistance with three outstanding contracted services necessary for Corporation/Office operations and compliance. Ongoing assistance with advertisement and procurement in accordance with PID procurement policy and District attorney recommendations.
- **Task 38 – PID Boundary Skyway**
Research and determination of parcel in question. Info provided to PID staff and Town of Paradise.
- **Task 39 – New Meter Estimate - Regis**
Engineering review and comments provided to PID staff.
- **Task 40 – Lupine Subdivision Review**

District Engineering Update

Engineering review of subdivision plan set. Comments regarding design and standards developed and provided to PID staff.

- **Task 41 – Ponderosa Elementary School Development Information and Review**
Engineering review of project. Comments regarding design and standards developed and provided to PID staff.

Task 42 – Doralee Water Supply Study

Easement and water supply research. Recommendations and property data provided to PID staff. Further assistance will be provided once direction is received from staff.

- **Task 43 – Connie Circle Data Request**
Easement and water supply research and data gathering.

Task 44 – After Action Report Data

Recovery statistics and data collected and provided to PID staff for inclusion in the After Action Report.

- **Task 45– 1091 Ewald Ct. Data Request**
Easement and water supply research. Recommendations provided to PID staff.
- **Task 46 – Water Service Policy Research**
Research into prefire policy and potential capacity issues on short dead-end mains as permitting and new services intensify.
- **Task 47 – Development Review Request – 195 Wayland Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 48 – New Meter Estimate – 6203 Harvey Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 49 – Town of Paradise Project Data Coordination**
Development of a Non-Disclosure Agreement for sharing distribution system data in coordination with Town of Paradise staff to designers for paving projects in Paradise. This will facilitate accurate design considerations for relocating and adjusting PID appurtenances to grade when paving is installed. Data transmitted to the Town of Paradise consultants for design. This NDA may serve for similar future larger system data requests.
- **Task 50 – New Meter Estimate – 6221 Lucky John**
Engineering review and comments provided to PID staff for development of estimate.
- **Task 51 – New Meter Estimate – 691 Thistle**
Engineering review and comments provided to PID staff for development of estimate.
- **Task 52 – Development Review Request – 533 Roberts**
Engineering review and comments provided to the Town of Paradise.
- **Task 53 – Development Review Request – 8272 Skyway**
Engineering review and comments provided to the Town of Paradise.
- **Task 54 – Development Review Request – 157 Valley Ridge**
Engineering review and comments provided to the Town of Paradise.
- **Task 55 – Development Review Request – 1239 Bille Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 56 – New Meter Estimate – 1176 Pearson**
Engineering review and comments provided to PID staff for development of estimate.
- **Task 57 – New Meter Estimate – 6148 Skyway**
Engineering review and comments provided to PID staff for development of estimate.

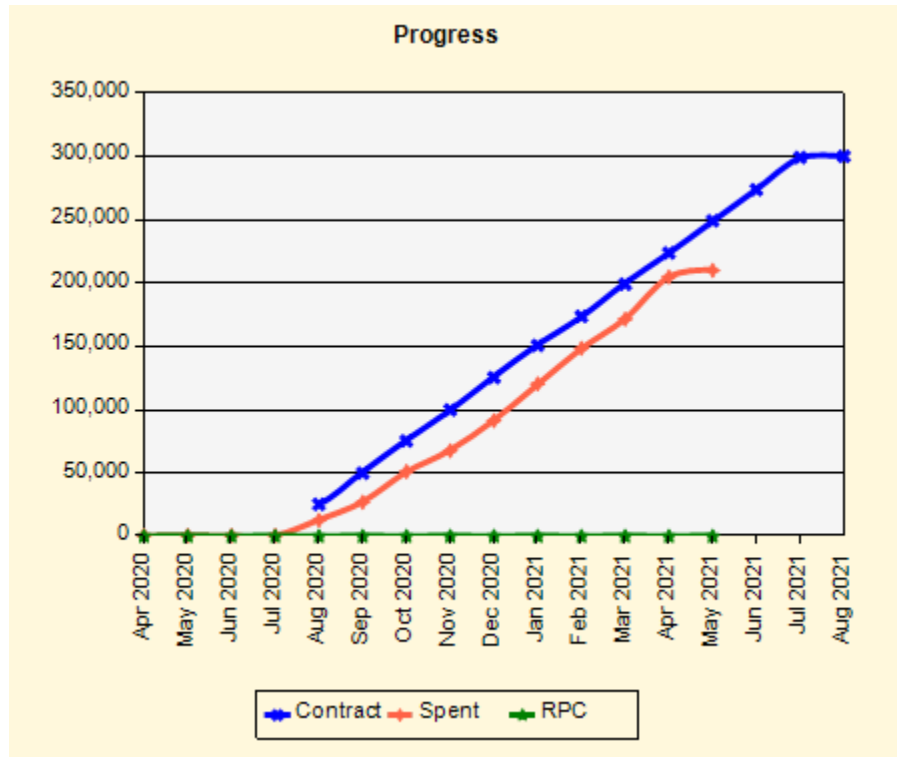
District Engineering Update

- **Task 58 – New Meter Estimate – 6322 Harvey**
Engineering review and comments provided to PID staff for development of estimate.
- **Task 59 – New Meter Estimate – Graham Road**
Engineering review and comments provided to PID staff for development of estimate.
- **Task 60 – Development Review Request – 5885 Pentz**
Engineering review and comments provided to the Town of Paradise.
- **Task 61 – 5399 Clark Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 62 – Development Review Request – 1797 Stark Lane**
Engineering review and comments provided to the Town of Paradise.
- **Task 63 – Utility Data Request - Bradshaw Terrace**
Data collection underway for transmission to requesting designer.
- **Task 64 – Paradise Avenue Fire Flow**
Staff request for modeling support to determine best method of fix to provide fire flow requirement to rebuilds.
- **Task 65 – Lot Line Adjustment – 5399 Clark Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 66 – CALDOT Data Request/Relocation Design – Clark and Easy Street**
Engineering review and letter provided to Caltrans regarding data request. Attendance of project coordination meetings with PID staff. Request submitted for design of pipe relocation to be negotiated with Caltrans for construction.
- **Task 67 – Development Review Request – 6480 Clark Road**
Engineering review and comments provided to the Town of Paradise.
- **Task 68 – Development Review Request – 771 East Oak Street**
Engineering review and comments provided to the Town of Paradise.
- **Task 69 – Lot Line Adjustment – 1530 and 1552 Forest Service Road**
Engineering review and comments provided to the Town of Paradise.

District Engineering Update

Budget

Expenditures lower over the last month as efforts have been focused on preparation for the MISLR project as well as the Urban Water Management Plan. Expenditures will very likely be higher over the coming month as Almond Street construction begins. Overall we are on track with the newly renewed budget projections for support through the end of the year.





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: May 19, 2021

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Revision to Policy & Procedures, Chapter 7.7.3 Discontinued Service

Recommendation: Amend the current policy regarding discontinuance of service.

Background: Directly after the 2018 Camp Fire, the Board voted for the benefit of the affected community to replace the actual cost to reconnect after discontinuing water service with a maximum cost to reconnect of \$500.00 to expire March 31, 2021. To date, approximately 2300 customers have disconnected their service.

Staff recommendations for amending current policy are noted below.

7.7.3 Discontinued Service –

If a property owner chooses to discontinue service and not pay the sealed meter rate (Discontinued Service) ~~due to the effects of the Camp Fire, property owner they~~ will ~~not~~ be required to pay a ~~meter removal chargeservice line disconnect fee~~. If service is later reactivated, the property owner ~~may will~~ then be responsible for the cost of LEMO (Labor, Equipment, Materials, and Overhead) for the ~~meter~~ installation ~~of a and~~ new service line from the District Main to the property line (Service Line) ~~and 50% of the current capacity fee for a new meter install. in an amount not to exceed \$500.~~ Situations in which a service line may need to be replaced include, but are not limited to:

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

B. Customers who disconnected service between November 9, 2018 and May 18, 2021 as a result of the 2018 Camp Fire may reconnect service before December 31, 2022 for a flat fee of \$750.00.

The recommended form of action is: "I move to approve the proposed revisions to the current Discontinued Service Policy (Policy & Procedures Chapter 7.7.3)."



Paradise Irrigation District

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

Date

Name

Address

City, State

Dear Property Owner,

We have NEW information regarding the discontinued service policy that affects future water service for properties not currently receiving water.

The new policy change was made on May 19, 2021 by the PID Board of Directors in response to customer input.

Does this policy change affect you? The answer may be "YES" if any of the following are true:

- I am not currently receiving a water bill for this property.
- I had water service at one time but disconnected water service post 2018 Camp Fire.
- I recently purchased a vacant parcel in Paradise, CA.

The cost to reconnect water service is changing: The temporary policy that provided a maximum cost of \$500.00 to reconnect water service ENDS August 19, 2021. The cost to reconnect after August 19, 2021 will be a flat fee of **\$750.00**.

Once water is reconnected, the monthly bill for an account in the ready-to-serve status will be \$21.99 per month until such time active water service is requested. Visit PIDWater.com for more information on requirements and rates for active water service. *If service is not activated as of December 31, 2022, future requests for water will be considered and charged according to actual cost to install plus 50% of the then current meter capacity fee.*

What to do: To reconnect with a maximum cost of **\$500.00** please contact the Paradise Irrigation District by August 19, 2021. PID's office hours are 9 am to 4 pm Monday through Friday.

What do most customers choose? Most Paradise property owners planning to either sell their property or rebuild in the future choose to stay connected and pay the ready-to-serve rate.

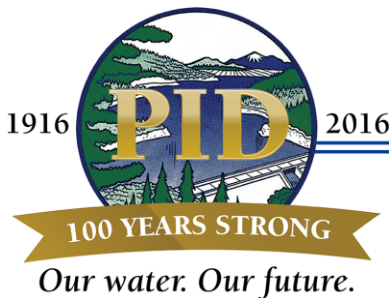
Phone: 530-877-4971

E-mail: custserv@paradiseirrigation.com

Or visit us at: 6332 Clark Road, Paradise CA 95969

Thank you,

PARADISE IRRIGATION DISTRICT



PARADISE IRRIGATION DISTRICT

6332 Clark Road, Paradise CA 95969 | Phone (530)877-4971 | Fax (530)876-0483

"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: Colleen Boak, Water Works Engineers

DATE: May 18, 2021

RE: Contract for Construction Services – Meter Installation and Service Lateral Replacement Project Phase 2 (MISLR) – Recommendation

PID received four proposals in response to the Request for Proposals circulated on March 26, 2021 for construction services to assist the District with the installation of service laterals, meters, and backflow devices throughout Paradise to return Paradise Irrigation District to fully metered service. Each of the companies that submitted a bid appear to be qualified to conduct the work and have a clear understanding of the technical issues involved and the desired scope of work.

The project scope consists of the installation of up to 1,750 service laterals, 4,500 meters, metering infrastructure, as well as installation of up to 3,200 backflow devices. The work will include clearing and grubbing, trenching, pipe installation and fittings, meter box and meter installation, backflow adjustments/installations and testing, minor paving, and other items of work as indicated in the project documents. The following table summarizes the proposed not-to-exceed costs for each proposing bidder:

Bidder	Bid Value
RCI General Engineering	\$15,751,725.00
Teichert	\$17,170,920.00
Spiniello	\$15,777,655.00
Flowline Contractors Inc.	\$18,197,104.00

The project is a combination of several FEMA projects including scope for service laterals, meters, and backflow devices separately. Costs will be tracked separately to aid in FEMA reimbursement processes. Meters are also partially funded by insurance proceeds, with final determination on the value of those proceeds forthcoming. At this time, the District

is also still pursuing ASADRA funding for portions of these projects which may not be covered by FEMA funds. If any funding sources through FEMA or ASADRA do not come to fruition, there may be some costs borne directly by the District.

Staff recommends awarding the project to the lowest responsive, responsible bidder: **RCI General Engineering.**

The following is requested:

"I move to accept the bid from RCI General Engineering for a not-to-exceed cost of \$15,751,725.00, and authorize the District Manager to execute the construction agreement for the District. Additionally, authorize a 10% (\$1,575,172.50) contingency budget for the project at the discretion of the District Manager."



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: May 13, 2021

TO: Board of Directors

RE: Water System Recovery and Reservoir B Replacement Project – Recommendation to Adopt CEQA Document at the May 19, 2021 Board of Directors Meeting

Recommendation:

It is recommended that the Paradise Irrigation District (District) Board of Directors approve Resolution No. 2021-05 adopting the Initial Study/Mitigated Negative Declaration (IS/MND), including the Mitigation Monitoring and Reporting Program (MMRP) for the District's Water System Recovery and Reservoir B Replacement Project (Project) in accordance with the California Environmental Quality Act (CEQA).

Background:

On behalf of PID, Stantec (as a subconsultant to Water Works Engineers), prepared an IS/MND to assess the potential environmental impacts of the construction and operation of the Water System Recovery and Reservoir B Replacement Project in accordance with the requirements of CEQA and state and local guidelines implementing CEQA. Included in the IS/MND is an MMRP.

The IS/MND is an informational document that provides environmental analysis for public review and for agency decision-makers to consider before taking discretionary actions related to any proposed project that could have a significant effect on the environment. The IS/MND concluded that while implementation of the Project could have a significant effect on the environment, the potential for significant effect will be mitigated by the actions required in the MMRP.

The IS/MND was made publicly available from April 12, 2021 to May 12, 2021 for the required 30-day Public Scoping review period under CEQA. No comments were submitted to the State Clearinghouse through its online public document portal nor were any comments submitted directly to the District during the 30-day public review process. Following adoption of this Resolution, District staff is authorized and directed to file with the County of Butte and the State Office of Planning and Research a Notice of Determination pursuant to CEQA within 5 days.

The recommended form of action is:

"I move to adopt Resolution 2021-05 adopting an Initial Study/Mitigated Negative Declaration in accordance with the California Environmental Quality Act for the Water System Recovery and Reservoir B Replacement Project and adopting a Mitigation Monitoring and Reporting Program."

RESOLUTION NO. 2021-05

RESOLUTION BY THE BOARD OF DIRECTORS OF THE PARADISE IRRIGATION DISTRICT ADOPTING AN INITIAL STUDY/MITIGATED NEGATIVE DECLARATION IN ACCORDANCE WITH THE CALIFORNIA ENVIRONMENTAL QUALITY ACT FOR THE WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT, AND ADOPTING A MITIGATION MONITORING AND REPORTING PROGRAM

WHEREAS, the Paradise Irrigation District (District) prepared an Initial Study/Mitigated Negative Declaration (IS/MND) for the Water System Recovery and Reservoir B Replacement Project (Proposed Project) in accordance with the requirements of the California Environmental Quality Act of 1970, as amended (“CEQA”), and state and local guidelines implementing CEQA; and

WHEREAS, the District is the lead agency on the Proposed Project, and the District’s Board of Directors is the decision-making body for the Proposed Project; and

WHEREAS, the primary purpose of the Proposed Project/Action is to replace the fire damaged Reservoir B with two steel tanks, as well as other project recovery actions including the Almond Street main replacement; service lateral replacements; meter replacements; and main replacements; and

WHEREAS, the proposed project provides for the recovery of water distribution system deficiencies caused by the 2018 Camp Fire and provides significant benefits to the operability, fire storage capacity and resiliency, dependability, and sanitary issues in the District’s distribution system; and

WHEREAS, the District prepared an Initial Study/Mitigated Negative Declaration (IS/MND) to assess the potential environmental impacts of the construction and operation of the Proposed Project; and

WHEREAS, the IS/MND was made publicly available from April 12, 2021 to May 12, 2021 for the required 30-day Public Scoping review period under CEQA; and

WHEREAS, the District complied with the State Clearinghouse review requirement for draft environmental documents, pursuant to the CEQA; and

WHEREAS, the IS/MND concluded that while implementation of the Project could have a significant effect on the environment, that potential for significant effect will be mitigated by the actions required in the Mitigation Monitoring and Reporting Program; and

WHEREAS, the District received no comments during the 30-day public review process which, along with the IS/MND constitutes the Final IS/MND; and also prepared a Mitigation Monitoring and Reporting Program (MMRP) to ensure compliance with the mitigation measures identified and proposed in the IS/MND; and

WHEREAS, whenever a lead agency approves a project requiring the implementation of measures to mitigate or avoid significant effects on the environment, CEQA also requires a lead agency to adopt a MMRP to ensure compliance with the mitigation measures during project implementation; and

WHEREAS, the District has reviewed and considered the Public Draft and Final IS/MND and related MMRP for the Proposed Project and intends to take actions on the Proposed Project in compliance with CEQA and state and local guidelines implementing CEQA; and

WHEREAS, the IS/MND and the MMRP for the Proposed Project are, by this reference, incorporated into this Resolution as if fully set forth herein; and

WHEREAS, the Proposed Project will not individually or cumulatively have an adverse effect on wildlife resources as defined in Section 711.2 of the California Department of Fish and Game Code.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE PARADISE IRRIGATION DISTRICT AS FOLLOWS:

- Section 1. The foregoing Recitals are true and correct and made a part of this Resolution.
- Section 2. The IS/MND has been prepared and completed in compliance with the requirements of CEQA and the CEQA Guidelines. The IS/MND reflects the independent analysis and judgment of the District and Board.
- Section 3. Based on the IS/MND, public comments, and the entire record of proceedings before the Board, the Board finds that there is no substantial evidence that the Project as approved with mitigation will have a significant adverse impact on the environment.
- Section 4. The Board hereby approves and adopts the IS/MND and the MMRP, attached to this Resolution as Exhibit A.
- Section 5. The mitigation measures in the IS/MND are made a condition of approval of the Project and the MMRP included in the IS/MND, attached as Exhibit A, is adopted.
- Section 6. The record of proceedings of the District and Board on which this Resolution is based are on file and available for public inspection during normal business hours at 6332 Clark Road Paradise, CA 95069. The custodian of these documents is the District.
- Section 7. The District hereby ratifies its approval of the Project.
- Section 8. Following adoption of this Resolution, District staff is authorized and directed to file with the County of Butte and the State Office of Planning and Research a Notice of Determination pursuant to CEQA within 5 days of the approval of this Resolution.

APPROVED AND ADOPTED this 19th day of May, 2021 by the following vote at a regular meeting of the Board of Directors.

AYES:

NOES:

ABSENT:

ABSTAIN:

PARADISE IRRIGATION DISTRICT

ATTEST:

Shelby Boston
President, Board of Directors

Georgeanna Borrayo
Secretary, Board of Directors



**Paradise Irrigation District Water
System Recovery and Reservoir B
Replacement Project**

Proposed Mitigated Negative
Declaration and Initial Study
Administrative Draft (v2)

April 6, 2021

CEQA Lead Agency:

Paradise Irrigation District
6332 Clark Road
Paradise, CA 95969
(530) 624-2939
FAX: (530) 876-0483

Prepared by:

Stantec Consulting Services Inc.
376 Hartnell Avenue Suite B
Redding, California 96002
(530) 280-8376
FAX: (530) 222-4958

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

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Abbreviations and Acronyms

°F	degrees Fahrenheit
AB 52	Assembly Bill 52
BCAQMD	Butte County Air Quality Management District
BMP	Best Management Practice
CalOES	California Governor's Office of Emergency Services
CEQA	California Environmental Quality Act
FEMA	Federal Emergency Management Agency
GHG	greenhouse gas
IS	Initial Study
MG	million gallons
MMRP	Mitigation Monitoring and Reporting Program
MND	Mitigated Negative Declaration
NAHC	Native American Heritage Commission
PID	Paradise Irrigation District
PM2.5	particulate matter 2.5 microns or less
PM10	particulate matter 10 microns or less
PRC	Public Resources Code
project	Water System Recovery and Reservoir B Replacement Project
TCR	Tribal Cultural Resource
VOC	volatile organic compounds
WTP	water treatment plant

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

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Project Information

- 1. Project Title:** Paradise Irrigation District Water System Recovery and Reservoir B Replacement Project
- 2. Lead Agency Name and Address** Paradise Irrigation District
6332 Clark Road
Paradise, California 95969
- 3. Contact Person and Phone Number** Tom Lando, Interim District Manager
Paradise Irrigation District
(530) 624-2939
tlando@paradiseirrigation.com
- 4. Project Location** The project is in the town of Paradise, Butte County, California. The water system recovery elements are located throughout Paradise in multiple parcels. The Reservoir B replacement element is in Township 22N, Range 3E, Sections 1 and 12, Paradise East, California U.S. Geological Survey topographic quadrangle, Mount Diablo Base and Meridian. Accessor Parcel Numbers in the Reservoir B replacement part of the project include:
050-070-075-000
050-070-077-000
050-070-083-000
- 5. Project Sponsor's Name** Paradise Irrigation District
- 6. General Plan Designation** Reservoir B Element
Public Institution (PI)
Multi-Family Residential (MR)
Town Residential (TR)
- 7. Zoning** Reservoir B Element
Community Facilities (CF)
Multiple-Family Residential (MF)
Town Residential (1/2 acre min) (TR ½)

8. Description of Project

Paradise Irrigation District operates a water treatment plant and the accompanying distribution system for Paradise, California. The Camp Fire on November 8, 2018, caused significant damage to Paradise Irrigation District's potable water storage and distribution system infrastructure. Prior to the Camp Fire, the distribution system supplied potable water to 10,507 connections serving a population of approximately

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26,000. Approximately 1,500 structures survived the fire and the post-fire estimate of customer connections as of December 2020 is 2,936 connections. The project would replace key components of the water storage and distribution system to serve the connections in the rebuilt community. The project would consist of the following elements:

- Reservoir B replacement
- Almond Street main replacement
- Service lateral replacement
- Meter replacement
- Main replacement

9. Surrounding Land Uses and Setting

Rural Residential/Mobile Home Park/Commercial/Public Facilities and Infrastructure/Light Industrial/Public Lands

10. Other Public Agencies Whose Approval May Be Required (e.g., permits, financing approval, or participation agreement.)

- U.S. Environmental Protection Agency
- California State Water Resources Control Board, Division of Drinking Water
- California Department of Fish & Wildlife (Region 2)
- California Regional Water Quality Control Board (Central Valley Region)
- California Department of Transportation (District 3)
- California Office of Emergency Services

CHAPTER 1.0 INTRODUCTION

1.1 INTRODUCTION AND REGULATORY GUIDANCE

This document is an Initial Study (IS) that summarizes the technical studies prepared for the proposed Paradise Irrigation District (PID) Water System Recovery and Reservoir B Replacement Project (project). It includes an evaluation of potential environmental impacts that could result from project implementation and provides justification for a Mitigated Negative Declaration (MND) for the project. This document was prepared in accordance with the current California Environmental Quality Act (CEQA), Public Resources Code (PRC) Section 21000 et seq., and the State CEQA Guidelines. Mitigation measures are proposed to avoid or minimize any significant impacts that were identified. The project is needed due to damage incurred during the Camp Fire in November 2018. Although the damage to PID's infrastructure from the fire was widespread, only Reservoir B will be fully evaluated in this IS/MND. These other project components will be described in the project description of the IS/MND and reference made to the appropriate Categorical Exemptions. Specifically, project recovery actions that would be authorized under a Categorical Exemption include:

- Almond Street main replacement
- Service lateral replacement
- Meter replacement
- Main replacement

The initial Reservoir B Replacement Project, approved by adoption of a CEQA MND in October 2018 (State Clearinghouse Number 2018082044), included three main project elements: Reservoir B replacement, the Zone A pump station, and the Zone A transmission main. On November 8, 2018, the Camp Fire devastated Paradise and surrounding areas. Conditions changed by the fire have altered the Reservoir B project needs; therefore, the project has been amended as follows:

- Remove the Zone A pump station from the original project
- Remove the Zone A transmission main from the original project
- Downsize the recommended Reservoir B total volume to 3 million gallons
- The project will include two 1.5-million-gallon, bolted steel tanks instead of two 2.3-million-gallon steel tanks.

1.2 LEAD AGENCY

The Lead Agency is the public agency with primary responsibility for implementing a project. The Lead Agency for the proposed project will be PID. It is anticipated that the project will be funded in part by Additional Supplemental Appropriations for Disaster Relief Act, as well as Additional funding has been attained from the California Governor's Office of Emergency Services (CalOES) and the Federal Emergency Management Agency (FEMA). It is anticipated that CalOES will act as the National Environmental Policy Act Lead Agency on behalf of FEMA. PID is also partially funding the project through their insurance and reserves.

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1.3 SUPPORTING TECHNICAL STUDIES

Completed technical studies are available for review at the following location:

Paradise Irrigation District
6332 Clark Road
Paradise, CA 9596
(530) 877-4971

Technical studies completed for this project include:

- Cultural Resources Investigation (confidential; available to qualified readers only)
- Biological Resources Assessment Report
- Wetland Delineation Report

1.4 DOCUMENT ORGANIZATION

The IS consists of the following chapters:

- **Chapter 1.0 – Introduction:** describes the purpose and content of this document.
- **Chapter 2.0 – Project Description:** provides a comprehensive description of the project, tentative schedule, required permit approvals, and project alternatives.
- **Chapter 3.0 – Environmental Impacts and Mitigation Measures:** describes the environmental impacts of the project using the CEQA Environmental Checklist. Where appropriate, mitigation measures are provided that would reduce potentially significant impacts to a less-than-significant level.
- **Chapter 4.0 – Determination:** provides the environmental determination for the project.
- **Chapter 5.0 – Summary of Mitigation Commitments:** provides a comprehensive list of all mitigation measures proposed for the project.
- **Chapter 6.0 – Report Preparation:** identifies the individuals responsible for preparation of this document.
- **Chapter 7.0 –References:** provides a list of references used to prepare this document.

CHAPTER 2.0 PROJECT DESCRIPTION

2.1 LOCATION

The project would be in PID's service area in the town of Paradise, Butte County, California. The water system recovery elements would be constructed throughout Paradise, while the Reservoir B replacement element would be located at PID's existing facility between Skyway Road and Paradise Memorial Trail in Paradise (Figure 1). Paradise is located approximately 12 road miles northeast of Highway 99 and the city of Chico in Butte County, California. The Reservoir B replacement element is shown on the *Paradise East, California* 7.5-minute U.S. Geological Survey quadrangle, Township 22N, Range 3E, Sections 1 and 12 (Figure 2).

Prior to the Camp Fire, the 5.9-acre Reservoir B replacement project area included an earthen embankment covered reservoir (Reservoir B), distribution infrastructure, and adjacent areas. The land in the project area is largely disturbed with small areas of semi-natural habitat located near the existing reservoir. It is located on private and PID-owned parcels.

2.2 PROJECT PURPOSE AND NEED

The purpose of the project is to repair and replace critical potable water and distribution system infrastructure that was damaged by the Camp Fire in 2018. The project is needed to sustain operations and provide water for the anticipated post-fire re-build population within the PID service boundary.

2.3 EXISTING FACILITIES

The PID distribution system is split into seven distribution zones that before the fire varied in the number of individual connections from 61 to 2,808. The distribution system includes approximately 178 miles of pipeline with approximately 49 connections per mile of main. There are five water storage reservoirs in the distribution system. All reservoirs except Reservoir B are steel tank reservoirs, with the latter being an earth embankment lined reservoir that was covered by a flexible membrane cover that was destroyed by the fire. The PID water distribution system is designed to route finished water from its water treatment plant to Reservoir B via a 12,500-foot, 42-inch finished water transmission line. Reservoir B is integral to the other reservoirs in the system, gravity feeding into reservoirs C, D, and E. Reservoir A is supplied water by Reservoir B via Pump Station #2 in Zone B of the distribution system.

The water treatment plant sustained minor damages during the Camp Fire and continues to produce potable water for PID. The reservoir storage tanks remain operational, except for Reservoir B. The distribution system has undergone a major recovery project since the fire to return potable water service to the customers.

Reservoir B is a Hypalon-lined earthen reservoir with a floating high-density polyethylene cover. The fire melted the cover and liner in multiple locations, destroying them beyond repair. The reservoir could not be placed back into service after the fire because the liner and cover were no longer intact.

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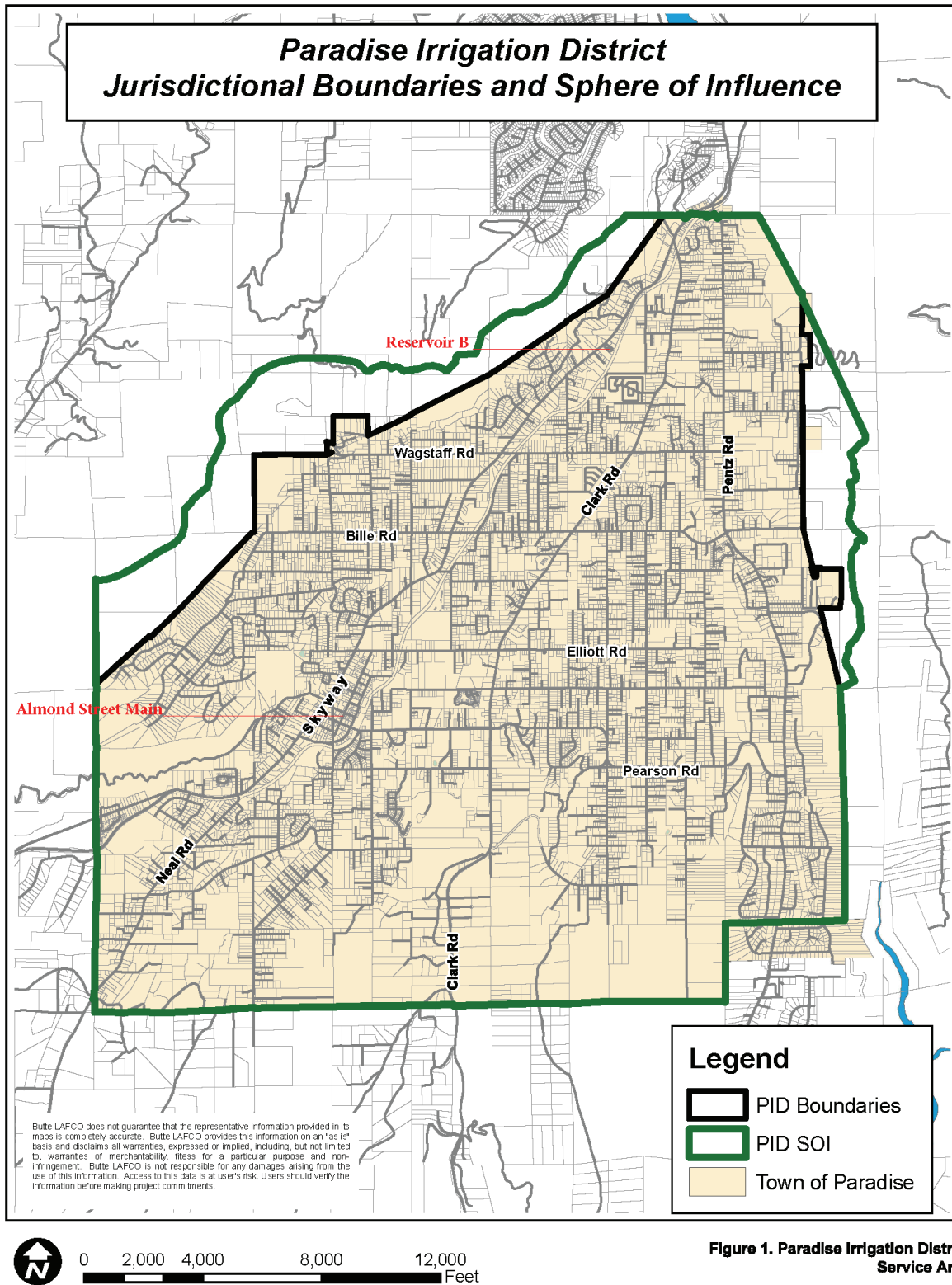


Figure 1. Paradise Irrigation District Service Area

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PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

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Post-fire reconstruction, including heavy debris removal, construction, and logging traffic has destroyed many roads in Paradise. The Almond Street “downtown” corridor is underlain by approximately 2,600 linear feet of 8-inch water main. This section of main currently represents a high likelihood of failure and continuing maintenance requirements due to leaks and damage from necessary and impending roadway improvements.

The majority of PID’s customer meters sustained fire damage and were removed from the field. Since that time, PID has operated without volumetric metering. During and after the fire, open and flowing service connections at destroyed homes caused PID’s water distribution system to depressurize. This negative pressure drew contaminants into the piping where they were absorbed or adhered to the pipe material. This occurred primarily in the smaller diameter service lateral piping where buildings were destroyed. An exhaustive water quality sampling and analysis project (over 400,000 individual tests at 6,000+ locations) was undertaken to characterize and identify the extent and nature of this unprecedented contamination. Each surviving structure’s service lateral was tested and individually evaluated before being put back in potable service. After hundreds of tests, PID, in coordination with CalOES and FEMA, determined that for destroyed structures, the data trend of 50% contamination was sufficiently representative. It was ultimately more cost effective to replace all service laterals serving destroyed structures than to test each and replace those found to contain volatile organic compounds (VOCs) (Water Works Engineers 2021).

2.3.1 Storage Capacity and Water Demand

The California Code of Regulations, Title 22, provides the design standards for determining adequate storage volumes for customer consumption. The domestic water uses in Paradise are comprised of mixed residential and commercial use. The storage volume requirement for the post-fire system was recalculated based on the post-fire buildout population estimate of 13,100 people and typical customer use rates. Storage volumes per zone needed to meet maximum daily demand and 4-hour peak hour demand volumes for the anticipated buildout were calculated according to industry standards (Water Works Engineers 2021). The revised storage volume requirements for PID for the post-fire buildout population are shown in Table 1. The table also shows the current storage volume capacity accounting for the loss of Reservoir B. The final column summarizes the storage excess or deficit for each zone and the system. The Reservoir B Replacement Project will return necessary storage volume to PID.

The initial Reservoir B Replacement Project (2018) targeted a total site volume of 4.6 million gallons (MG) to provide adequate water supply for the pre-fire population and anticipated population growth. FEMA project funding agreements stipulated the funded replacement project will include a total site volume of 3 MG, which was the volume of the original reservoir. The replacement Reservoir B storage volume was added to the existing storage volume to determine the total storage available to PID following the Reservoir B Replacement Project. The system will have a deficit of 2.35 MG at a population of 13,100 people after the Reservoir B replacement is complete.

The calculation was repeated for the 2019 population of 6,650 people (2.14 persons per household is 3,106 connections). PID will have a deficit of 2.23 MG of storage after the Reservoir B Replacement Project is complete with the current population estimate.

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

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Table 1. Pre- and Post-fire Storage Volume Requirements

Zone	Pre-fire Connections	Post-fire Connections	Served By Reservoir	Pre-fire Total Storage Required (million gallons)	Post-fire Total Storage Required (million gallons)	Post-fire Existing Storage (million gallons)	Post-fire Excess or Deficit
All	10,507	6,121	All	7.91	6.28	6.31	0.03
A	1,224	713	A, B	4.46	4.86	0.98	-3.88
B	2,192	1,277	B	4.82	4.48	0	-4.48
C	2,808	1,636	B, C	5.04	4.61	1.94	-2.67
D	2,462	1,434	B, C, D	4.92	4.53	3.88	-0.65
E	1,195	696	B, C, D, E	4.44	4.83	5.33	0.50
F	565	329	B, C, D, E	4.68	4.39	5.33	0.94
G	61	36	B, C, D, E	4.07	4.04	5.33	1.29

In conclusion, the Reservoir B replacement element would not seek to install the remaining 2.35 MG of storage as required by the storage calculations due to the funding limitations put forth by the FEMA agreement. PID may seek funding for a third tank installation project at the Reservoir B site to accommodate the remaining volume deficit. The project site would be designed to accommodate a third tank installation.

2.4 PROPOSED PROJECT

The proposed project includes water system recovery and rehabilitation elements and replacement of Reservoir B. Although the proposed recovery and rehabilitation elements of the water system are included in the following project description, only the project activities proposed for restoration of Reservoir B are carried through the analysis presented in Section 3 since changed conditions have altered the Reservoir B project previously approved in October 2018. It is anticipated that the water system recovery component of the proposed project will comply with CEQA under a Categorical Exemption (Article 19, Section 15302 Replacement or Reconstruction).

2.4.1 Water System Recovery

The Camp Fire resulted in the widespread damage of critical water service infrastructure. The water system recovery element of the proposed project will comply with CEQA using a Categorical Exemption. Elements of the water system recovery would include

- Almond Street main replacement
- Service lateral replacement
- Meter replacement
- Main replacement

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

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Almond Street Main Replacement

The Almond Street main replacement element includes the removal and replacement of approximately 2,600 linear feet of 8-inch water main through the Almond Street downtown corridor of Paradise. The total disturbance area is approximately 20,150 square feet. This section of main currently represents a high likelihood of failure and continuing maintenance requirements due to leaks and damage from necessary and impending roadway improvements. Replacement would ensure the removal of underperforming pipe, reduce failure risk, reduce maintenance demands, and ensure the longevity of a critical component of water distribution infrastructure.

Service Lateral Replacement

The service lateral replacement element includes the replacement of between 4,070 and 5,470 service laterals throughout the PID service area. Approximately 50 square feet of ground disturbance would occur for each service lateral, totaling approximately 273,500 square feet for the entire project.

Meter Replacement

Prior to the fire, PID used a Zenner metering system to record water use data. The Zenner meter housing was plastic and most meters were installed in plastic meter boxes. The heat from the fire caused damage to a significant amount of the water meter infrastructure both in terms of accuracy and contamination. PID, in coordination with CalOES and FEMA, determined that the necessary course of action was to replace the damaged centralized metering infrastructure and install all new customer meters with updated technology specifically designed to serve residential fire flow conditions (as required of all rebuilt structures). The new meter system would include brass body meters, concrete meter boxes, and a mesh network infrastructure. Mass fire suppression system installations in new buildings require installation of backflow prevention devices at all commercial and residential services. These devices were adopted into the standard detail for new meter installations and would be included in the service lateral replacement element as a hazard mitigation component of the project. Approximately 25 square feet of ground disturbance would be required for each meter replaced (5,897 sites) totaling approximately 147,425 square feet for this element of the project.

A hazard mitigation proposal for backflow prevention devices at each service lateral replacement site would be included for a matching number of backflow prevention devices (4,070 to 5,470). Replacement of service laterals and installation of backflow prevention devices support the restoration of potable water service to each location where a structure is being rebuilt following the 2018 Camp Fire.

Main Replacement

Loss of pressure in the water distribution system, exacerbated by continuous water demand for fire-fighting equipment, resulted in unchecked backflow of VOC-contaminated burn residue into the service laterals and the distribution mains. Extensive VOC testing of the distribution system was performed on water samples taken from blowoffs, hydrants, and service laterals. VOC contamination has been identified in 79,500 linear feet of water main pipe throughout PID zones A through G. The contaminated main sections that cannot be cleaned by flushing alone and would undergo replacement. Approximately

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

12 square feet of ground disturbance would be required per linear foot of main replacement totaling 953,592 square feet for the project.

2.4.2 Reservoir B Replacement

Reservoir B would be reconstructed using two 1.5-MG bolted steel water storage tanks. A 500-foot section of large diameter water main on site would be re-routed around the new tank installation. The yard piping design would include connections for a future third tank and valving to operate the two 1.5 MG tanks in series or in parallel. The site civil design would also provide a location for a third future tank. The placement of the new tanks partially outside of the existing Reservoir B footprint would require relocation of a portion of the existing 36-inch water line and grading of the existing reservoir berms on the northwest, southwest, and southeast sides of the reservoir. Although most woody vegetation was burned by the fire, remaining vegetation would be removed from the site to accommodate the redistribution of soil material from the tank site grading. The Reservoir B facility boundary encompasses approximately 5.9 acres. About 4.5 acres would incur ground disturbance as a result of the project. The project design is shown on Figure 3. The dotted red lines shown in Figure 3 indicate the outline of the proposed 1.5 MG tanks. Two would be constructed. The third is included in the design for future installation.

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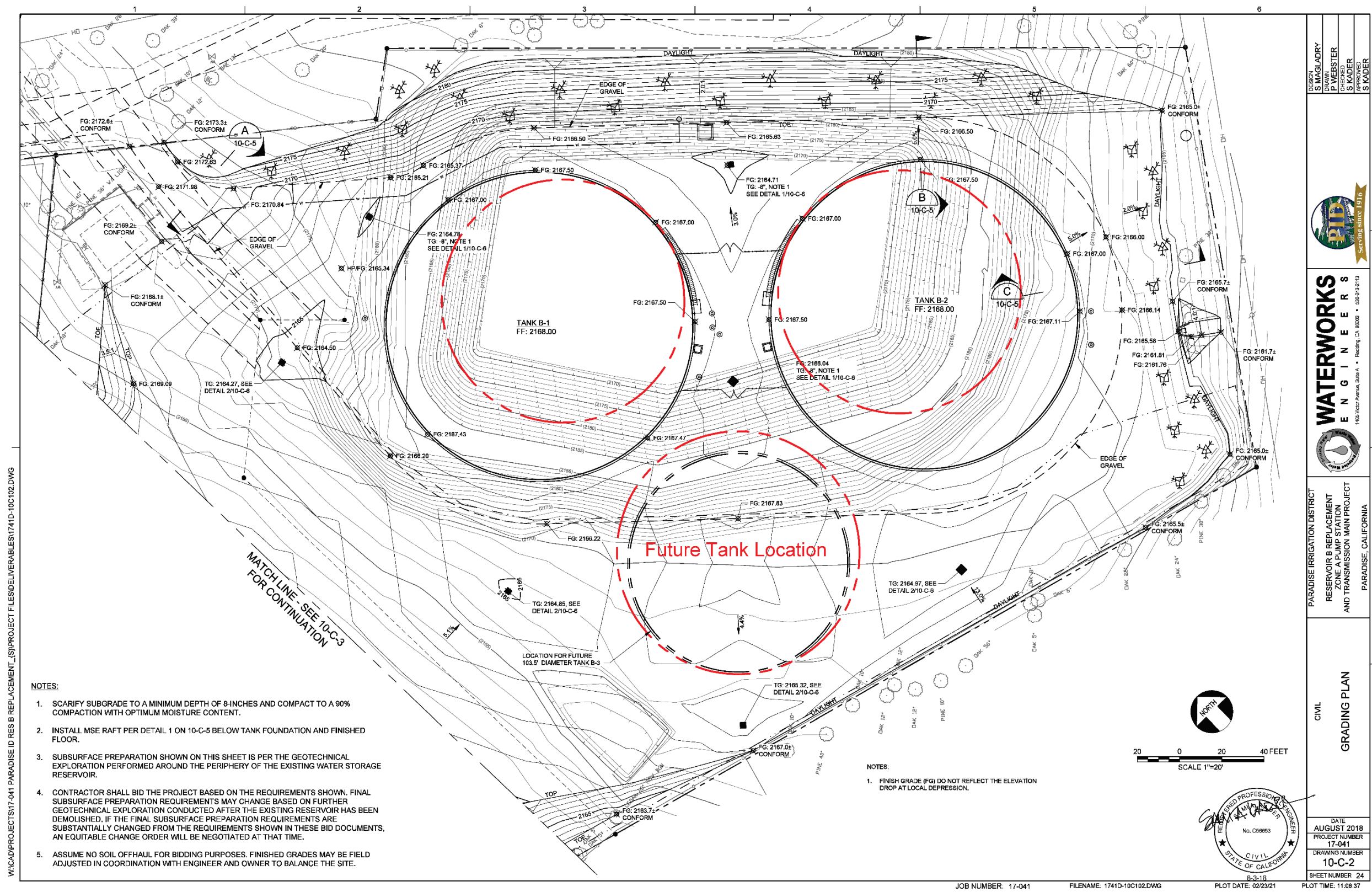


Figure 3. Proposed Layout – Reservoir B

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2.5 PROJECT DESIGN CRITERIA AND BEST MANAGEMENT PRACTICES

The project was designed to avoid or minimize potential environmental impacts. The proposed project improvements would be constructed primarily in previously disturbed areas including PID facilities and work areas. The following best management practices (BMPs) were incorporated into the project design.

2.5.1 Contractor Staging Areas/Construction Access Routes

Contractor staging would make use of existing roads and paved or graveled areas at existing PID facilities. Potential staging areas are located on existing graveled work areas at the Reservoir B site. Construction access would make use of existing public and PID roads.

2.5.2 Conservation Measures

Conservation Measure #1—Air Pollution and Dust Control

Air pollution control would conform to all applicable air pollution control rules, regulations, ordinances, and statutes. Dust would be controlled during construction activities and subsequent operation of the project. Dust controls may include, but would not be limited to the following elements, as appropriate:

- Pursuant to California Vehicle Code (Section 23114) (California Legislative Information 2021), all trucks hauling soil and other loose material to and from the construction site shall be covered or shall maintain at least 6 inches of freeboard (i.e., minimum vertical distance between top of load and the trailer).
- Any soils that are removed during construction shall be stored onsite in piles not to exceed 4 feet in height. These spoil piles shall be clearly marked and flagged. Spoil piles that will not be immediately returned to use shall be revegetated with a non-persistent erosion control mixture.
- Equipment and manual watering shall be conducted on all stockpiles, dirt/gravel roads, and exposed or disturbed soil surfaces, as necessary, to reduce airborne dust.
- PID or its contractor shall designate a person to monitor dust control and to order increased watering as necessary to prevent transport of dust offsite. This person shall also respond to any citizen complaints.

Conservation Measure #2—Water Pollution Prevention

Although the Reservoir B site contains no potential waters of the United States or State and the water system recovery footprint follows preexisting distribution lines, construction activities could affect wetland and waters features that are outside the project footprint. The following BMPs have been incorporated into the proposed project to avoid and minimize the potential for adverse indirect effects on water quality.

- Activities that increase the erosion potential within the project area shall be restricted to the relatively dry summer and early fall period (approximately May 15 to October 15) to the maximum extent practicable to minimize the potential for rainfall events to transport sediment to surface

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water features. If construction activities must take place during the late fall, winter, or spring, then temporary erosion and sediment control structures must be in place and operational at the end of each construction day and maintained until the completion of the project.

- Within 10 days of completion of construction, weed-free mulch shall be applied to disturbed areas in order to reduce the potential for short-term erosion. Prior to a rain event or when there is greater than 50 percent possibility of rain forecasted by the National Weather Service during the next 24 hours, weed-free mulch, tarps, or geotextile fabrics shall be applied to all exposed areas upon completion of the day's activities. Soils shall not be left exposed during the rainy season.
- Suitable BMPs, such as silt fences, straw wattles, or catch basins, shall be placed below all construction activities at the edge of surface water features to intercept sediment before it reaches the waterway. These structures shall be installed prior to any clearing or grading activities.
- If spoil sites are used, they shall be located such that they do not drain directly into a surface water feature, if possible. If a spoil site drains into a surface water feature, catch basins shall be constructed to intercept sediment before it reaches the feature. Spoil sites shall be graded and vegetated to reduce the potential for erosion.
- Sediment control measures shall be in place prior to the onset of the rainy season (or no later than October 15) and will be monitored and maintained in good working condition until vegetation becomes established within the disturbed areas.
- Fueling construction equipment shall be done at a fixed fueling station to reduce the area exposed to the potential for fuel spills.
- Secondary containment, such as a drain pan or drop cloth, shall be used to catch spills or leaks when removing or changing fluids.
- Spill containment materials shall be kept onsite at all times to contain any accidental spill.
- Absorbent materials shall be used on small spills rather than hosing down or burying the spill. The absorbent material shall be promptly removed and disposed of properly.
- Onsite vehicles and equipment shall be regularly inspected for leaks and repaired immediately.
- If vehicle and equipment maintenance must occur onsite, it shall be done in designated areas, located away from drainage courses, to prevent the run-on of storm water and the run-off of spills.
- Equipment and materials shall be stored at least 50 feet away from surface water features.
- PID is responsible for compliance with applicable federal, state, or local laws or ordinances and shall obtain authorization from all applicable regulatory agencies.

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Conservation Measure #3—Greenhouse Gas Emissions

PID shall include provisions in the construction bid documents to minimize project-related greenhouse gas (GHG) emissions. The following measures shall be implemented to reduce construction-related GHG emissions:

- Reuse and recycle construction and demolition waste, including, but not limited to soil, vegetation, concrete, lumber, metal, and cardboard.
- Ensure that the project enhances, and does not disrupt or create barriers to, non-motorized transportation (e.g., bicycles, pedestrians) through proper pre-construction planning.
- Protect existing trees to the extent possible and encourage the planting of new trees.

Conservation Measure #4—Wildfire Potential

PID shall include the following measure in the construction bid documents to minimize project-related potential for wildfire ignition:

- Per the requirements of PRC Section 4442, PID shall include a note on all construction plans that internal combustion engines shall be equipped with an operational spark arrester, or the engine must be equipped for the prevention of fire.

Conservation Measure #5—Prevention of Spread of Invasive Species

The following avoidance and minimization measures are recommended during project construction to reduce the potential spread of invasive species:

- All equipment used for construction activities off of paved surfaces will be weed-free prior to entering the project site.
- If project implementation calls for mulches or fill, they will be weed free.
- Any invasive plant species removed during construction will be properly disposed of to ensure the species does not spread to other areas.

2.6 PROJECT APPROVALS

2.6.1 Funding Sources

It is anticipated that the project will be funded in part by Additional Supplemental Appropriations for Disaster Relief Act. Additional funding has been attained from CalOES and FEMA. PID is also partially funding the project through their insurance and reserves.

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2.6.2 Anticipated Permits and Regulatory Approvals

If construction activities result in soil disturbance on more than 1 acre, PID must comply with the provisions of the Construction General Permit [Order No. 2009-009-DWQ, as amended by 2010-0014-DWG] under the National Pollution Discharge Elimination System program.

California Environmental Quality Act

Following is a list of authorizations and permits anticipated for project compliance under CEQA.

- CEQA Categorical Exemption (Article 19, Section 15302 Replacement or Reconstruction) – water system recovery element
- CEQA Notice of Determination to adopt a Mitigated Negative Declaration – Reservoir B replacement element
- Stormwater Pollution Prevention Plan Approval (Central Valley Regional Water Quality Control Board)

2.7 TENTATIVE PROJECT CONSTRUCTION SCHEDULE

Construction of the project would begin upon receipt of all necessary preconstruction authorizations, including completion of CEQA documentation and receipt of any regulatory permits determined to be required. The proposed project element construction schedule would be as follows:

- Reservoir B replacement element - anticipated to begin in July 2021 with completion in January 2022
- Almond Street main replacement - anticipated to begin in April 2021 with completion in May 2022
- Service lateral replacement - anticipated to begin in 2022 with completion in 2031
- Meter replacement - begin in March 2021 and complete in March 2022
- Main replacement - anticipated to begin in 2022 with completion in 2031

CHAPTER 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

This chapter incorporates the Environmental Checklist contained in Appendix G of the CEQA Guidelines, including the CEQA Mandatory Findings of Significance. Each resource section provides a brief description of the setting, a determination of impact potential, and a discussion of the impacts. Where appropriate, mitigation measures are provided that would be used by PID to reduce potential impacts to a less-than-significant level. A discussion of cumulative impacts is included at the end of this chapter. This chapter includes the environmental setting, impacts, and mitigation measures for the Reservoir B replacement element of the proposed project. The remaining water system elements are expected to be satisfied by the Categorical Exemption (Article 19, Section 15302 Replacement or Reconstruction) under CEQA and are not included in this discussion.

Addressed in this section are the following 20 environmental categories and mandatory findings of significance:

- Aesthetics
- Agricultural and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Energy
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation
- Tribal Cultural Resources
- Utilities and Service Systems
- Wildfire
- Mandatory Findings of Significance
-

Each of these issue areas was fully evaluated and one of the following four impact determinations was made:

- **No Impact:** No impact to the environment would occur as a result of implementing the proposed project.
- **Less-than-Significant Impact:** Implementation of the proposed project would not result in a substantial and adverse change to the environment and no mitigation is required.
- **Less than Significant with Mitigation Incorporated:** A “significant” impact that can be reduced to a less-than-significant level with the incorporation of project-specific mitigation measures.
- **Potentially Significant Impact:** Implementation of the proposed project could result in an impact that has a “substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project” (CEQA Guidelines Section 15382).

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3.1 ENVIRONMENTAL SETTING

3.1.1 Regional Setting

PID's Reservoir B lies in the central portion of Butte County, California in the Cascade Range foothills. This region is at the southern extent of the volcanic Cascades near the junction of Sierra Nevada. The topography of Butte County is quite varied and includes low elevation areas of the northern Sacramento Valley to rugged and steep terrain on the western slopes of the Cascades and Sierra Nevada. Butte County contains four incorporated cities and a total population of approximately 220,000.

The region supports an extensive system of rivers and streams. The Feather River watershed occupies a large part of eastern Butte County and streams in the northern part of the county drain into the Sacramento River, which represents a portion of the western border of the county. The region contains a diverse assemblage of vegetation communities due to the large elevational gradient. Developed agricultural lands are dominant in the Sacramento Valley and transition to grassland, woodland, and forest habitats as elevations increase in the mountainous regions. Mid- and upper-elevation regions of Butte County contain productive timberlands managed by private timber companies (e.g., Sierra Pacific Industries) and federal land managers (e.g., Lassen and Plumas national forests).

3.1.2 Local Setting

Reservoir B is in the town of Paradise in central Butte County, California. Reservoir B is located on private and PID lands.

Climate

The climate is typical of the Cascade Range foothills in northern California with moderate winters and hot, dry summers. Approximately 55 inches of precipitation and 2 inches of snow fall occurs annually, most of which occurs between November 1 and March 30. Air temperatures range between an average January high of 54 degrees Fahrenheit (°F) and an average July high of 92°F. The average annual high is approximately 71°F. The average minimum temperature is approximately 50°F (Western Regional Climate Center 2021).

Existing Land Uses

Surrounding land uses consist of rural residential, mobile home, and urban residential development, commercial businesses, transportation corridors, forest, and local infrastructure. Reservoir B is an established PID facility.

Topography

The Reservoir B site occurs on a broad ridgetop that separates the Feather River watershed to the east from the Butte Creek watershed to the west. The topography of the reservoir and adjacent areas is gently sloping. Elevation in the project area is approximately 2,180 feet above mean sea level and slopes upward from west to east.

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Hydrological Setting

No hydrologic features occur in the Reservoir B facility footprint. Precipitation runoff from roads and adjacent hillsides in the project area contribute to the hydrology of the West Branch Feather River and Little Butte Creek.

Soils

One soil map unit occurs in the Reservoir B facility footprint. It is described in the *Soil Survey of Butte Area, California, Parts of Butte and Plumas Counties* (Natural Resources Conservation Service 2021). The soil unit is Paradiso loam, 2 to 15 percent slopes. It is well-drained, not hydric, and a restrictive layer is more than 80 inches below the surface.

Geology

Reservoir B is primarily underlain by Pleistocene-age volcanic flows that underlie the greater Paradise area (Saucedo and Wagner 1992). Artificial fill, colluvium, and alluvium may be present (Vertical Sciences 2017).

No active faults are mapped in the immediate vicinity (Vertical Sciences, Inc. 2017). Although many potentially active and inactive faults have been mapped in the region, none were mapped that may affect Reservoir B. No landslides, incipient or otherwise, were observed during preparation of the previous Reservoir B project geotechnical study (Vertical Sciences, Inc. 2017). The potential for landslides in or near Reservoir B is low (Butte County 2012).

Vegetation Community Types

Although the Reservoir B facilities are largely developed, some natural vegetation remains adjacent to the reservoir. Vegetation communities occurring in the Reservoir B facility were characterized based on descriptions provided in *A Manual of California Vegetation* (Sawyer et al. 2009). Three vegetation types occur in the Reservoir B facility: annual grassland, ponderosa pine forest, and urban/ruderal.

Annual Grassland

Annual grassland occurs along road shoulders and in other disturbed portions of the facility. This habitat is characterized by an open canopy cover and dense herbaceous layer dominated by annual grasses and forbs, including bristly dogtail grass (*Cynosurus echinatus*), ripgut brome (*Bromus diandrus*), wild oats (*Avena fatua*), and yellow star-thistle (*Centaurea solstitialis*).

Ponderosa Pine Forest

Ponderosa pine forest was present south of Reservoir B before the Camp Fire. The habitat was dominated by ponderosa pine with a relatively low abundance of other trees such as Douglas-fir (*Pseudotsuga menziesii*) and incense-cedar (*Calocedrus decurrens*). The Camp Fire destroyed all of the trees on site, and the area is currently composed of early successional shrubs and small trees. The landscape has scattered shrubs such as poison oak and Scotch broom (*Cytisus scoparius*) with non-native annual grasses and ruderal herbaceous species.

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Urban/Ruderal

Urban/ruderal habitat includes Reservoir B and its vicinity. This habitat is characterized by ornamental trees and shrubs and a sparse cover of non-native annual plant species in continuously disturbed areas (e.g., graveled areas).

3.2 ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

I. AESTHETICS

Except as provided in Public Resources Code Section 21099, would the project:	Significant Impact	Less than Significant with Mitigation Incorporated	Potentially Less than Significant Impact	No Impact
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion of Impacts

- a, b) **No Impact.** Replacement of Reservoir B would not affect a scenic vista or scenic resources. Neither is present in the project area.
- c) **Less-than-Significant Impact.** The new water tanks would be partially obscured by the adjacent topography. The exterior walls of the tanks would be painted a forest green color to blend with the surrounding landscape. It is anticipated that the tanks domes would not be painted. The areas around the tank would be landscaped with vegetation to help mask the tank from nearby residences. Travelers along Skyway may have brief views of the top of the new tank as they pass by the project area, but the tanks would not substantially alter views from the road.
- d) **Less-than-Significant Impact.** Nighttime lighting associated with the proposed tanks would be consistent with existing conditions before the fire and may be visible from some existing and future nearby residences and roads. Motion detectors would activate lights if there is unexpected movement on the site or if PID staff are working onsite. Surrounding topography and the distance between the tank site and viewers would minimize the potential for light and glare to affect residents and travelers along the roads. Vegetative regrowth over time would further buffer views of the site. The new tanks would be made of steel with a special coating that prevents glare. The proposed project would have a less-than-significant impact on light and glare in the area.

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Mitigation Measures

No project-specific mitigation is required under this subject.

II. AGRICULTURAL AND FOREST RESOURCES

In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined by Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use, or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **No Impact.** No parcels in the Reservoir B site or vicinity are mapped as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance by the Farmland Mapping and Monitoring Program (California Department of Conservation 2021a). Onsite soils are not prime agricultural soils. Replacement of Reservoir B would have no impact on Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.
- b) **No Impact.** No parcels in Reservoir B or its vicinity are zoned for agricultural use (Town of Paradise Planning Department 2021). No parcels in Reservoir B or its vicinity are under a Williamson Act contract (Butte County 2016). Replacement of Reservoir B would not conflict with existing zoning and would have no impact on agriculture.

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c, d, e) **No Impact.** Reservoir B does not contain any farmland, forest land (as defined by PRC section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g)). The majority of trees adjacent to the reservoir were destroyed by the Camp Fire. Although some tree removal would occur at Reservoir B, it would not have an impact on any designated timberland.

Mitigation Measures

No project-specific mitigation is required under this subject.

III. AIR QUALITY

Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **Less-than-Significant Impact.** Replacement of Reservoir B would result in minimal and temporary air emissions for the criteria pollutants regulated by the Butte County Air Quality Management District (BCAQMD) (reactive organic gases, nitrogen oxides, particulate matter), as discussed under item b) below. It would be consistent with and would not obstruct implementation of any BCAQMD management plans, or other applicable air quality plans and regulations for the region such as the Northern Sacramento Valley Planning Area 2018 Triennial Air Quality Attainment Plan (SVAQEEP 2018). Replacement of Reservoir B would not induce unplanned growth in PID's service area or conflict with assumptions made by BCAQMD when preparing its air quality management plans.
- b) **Less-than-Significant Impact.** Butte County is a non-attainment area for the state and federal ozone standards, the state particulate matter (particulate matter 2.5 microns or less [PM2.5]) standards, and the state particulate matter (particulate matter 10 microns or less; [PM10]) standards (California Air Resources Board 2021). Butte County is in attainment for the state and federal standards for sulfur dioxide, nitrogen dioxide, lead, and carbon monoxide in addition to the state standards for sulfates and the federal standards for PM2.5 and PM10 (California Air Resources Board 2021). Construction activities would result in short-term increases in emissions

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from the use of heavy equipment that generates dust, exhaust, and tire-wear emissions; soil disturbance; materials used in construction; and construction traffic. These activities would create short-term increases in fugitive dust (PM10 and PM2.5) and would generate both reactive organic compounds and nitrogen oxides emissions from vehicle and equipment operation. Fugitive dust emissions could affect local air quality near the project area but would not be expected to contribute substantially to regional air quality. Implementation of BCAQMD BMP's for dust and emissions reduction, as described in the project description would help minimize dust and emissions generated during construction activities, ensuring impacts are less than significant. Long-term emissions from pump and tank operations and periodic maintenance trips would be minimal based on the infrequent nature of these emissions. *Conservation Measure #1 – Air Pollution and Dust Control* (described in Section 2.6.2) will be used to maintain air quality and to ensure that any construction-related impacts would be less than significant.

- c) **Less-than-Significant Impact.** Sensitive receptors such as residences occur immediately adjacent to Reservoir B. However, the effect to air quality experienced by these sensitive receptors would be similar to the effect generated by existing motor vehicle traffic. In addition, *Conservation Measure #1 – Air Pollution and Dust Control* (described in Section 2.6.2) would further reduce the potential for impacts on air quality in Reservoir B and vicinity. Impacts on air quality experienced by sensitive receptors because of the replacement of Reservoir B would be less than significant.
- d) **No Impact.** Replacement of Reservoir B would not create any new or increased objectionable odors.

Mitigation Measures

No project-specific mitigation is required under this subject.

IV. BIOLOGICAL RESOURCES

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **Less than Significant with Mitigation Incorporated.** A Biological Resources Assessment report (Stantec 2018a) prepared for the prior Reservoir B replacement project analyzed potential similar project-related impacts on biological resources. The Biological Resources Assessment included a U.S. Fish and Wildlife Service species list for the project area. Plant and wildlife habitat was substantially altered by the 2018 Camp Fire; however, because the replacement of Reservoir B proposed under the previous project and the current project would have similar effects on special-status species, the impacts assessment for the current Reservoir B replacement uses the earlier biological resources assessment and findings.

- **Special-Status Plants.** One special-status plant species was determined to have a potential to occur in the vicinity of Reservoir B: Hall's rupertia (*Rupertia hallii*), California Rare Plant Rank 1B.2.

A botanical survey of suitable habitats in the project area was conducted by North State Resources, now Stantec, on June 30 and October 20, 2017, and coincided with the blooming period of the potentially occurring plant. No special-status plant species were observed during the botanical survey, including federal or state listed as threatened or endangered, or candidates for listing. While a subset of annual special-status species follow fire, the special-status species that typically occur in the area do not have this unique characteristic and are not likely to occur, even though the site incurred fire disturbance.

- **Special-Status Wildlife.** No federal or state listed as threatened or endangered wildlife species, or candidates for listing or other special-status wildlife species were determined to have potential habitat in the Reservoir B facility or vicinity. However, most breeding birds that may use surviving or newly grown vegetation are protected under state and federal regulations.
- **Migratory Birds and Raptors.** Potential nesting habitat for migratory birds and raptors occurs in the trees and other vegetation that remains or is newly grown in or near Reservoir

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B. Adverse effects on migratory birds and raptors could occur if they are actively nesting in the construction area. Construction disturbance during the nesting season could result in the loss of fertile eggs or nestlings, or otherwise lead to nest abandonment. Loss of fertile eggs or any activities resulting in nest abandonment, may adversely affect nesting birds. Construction activities could also result in a small temporary reduction of nesting or foraging habitat for birds. However, due to the limited nature of the work and regional occurrence of similar habitats, temporary habitat loss is not expected to result in an adverse effect on migratory birds and raptors. *Mitigation Measure #1 – Migratory Birds and Raptors* will be used to reduce any potential impacts on migratory birds and raptors to a less-than-significant level.

- b) **No Impact.** No rare natural communities occur in the Reservoir B facility. No additional avoidance or minimization measures are recommended.
- c) **No Impact.** A wetland delineation (Stantec 2018b) was prepared to document and describe potential waters of the United States, including wetlands, in the previous project area, which included the Reservoir B facility. No potential waters of the United States were mapped within the 2018 project area. No impacts would occur, and no additional avoidance or minimization measures are recommended.
- d) **No Impact.** Proposed activities would be confined to the existing PID Reservoir B site. These activities would not impede movement of wildlife or fragment migration corridors. The Reservoir B site does not encompass any wildlife nursery sites. No hydrologic features suitable for salmonid habitat occur within the proposed work area or immediately adjacent areas. During project construction wildlife would be able to move around the site or move through it at night. Replacement of Reservoir B would have no impact on fish or wildlife movement or nursery sites.
- e) **No Impact.** Replacement of Reservoir B would not conflict with any local biological resource policies or ordinances. There would be no impact on any local policies or ordinances.
- f) **No Impact.** There are no adopted Habitat Conservation Plans, Natural Community Conservation Plans, or other approved habitat conservation plans that cover Reservoir B. Replacement of Reservoir B would not conflict with any local, regional, or state conservation plans. Replacement of Reservoir B would have no impact on any conservation plans.

Mitigation Measures

Mitigation Measure #1—Migratory Birds and Raptors

The following measures shall be implemented to avoid or minimize the potential for adverse impacts on nesting migratory birds and raptors:

- Construction activities should be scheduled to avoid the nesting season to the extent feasible. The typical nesting seasons in northern California extends from February 15 through September 15. Thus, if construction activities can be scheduled to occur outside of the nesting season, no

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impacts would be expected. If the nesting season cannot be completely avoided, the following measures shall be implemented.

- A qualified biologist shall conduct a minimum of one pre-construction survey for nesting migratory birds and raptors within the Reservoir B site and a 250-foot buffer around the site. The survey should be conducted no more than 14 days prior to the initiation of activities in any given area. The pre-construction survey should be used to ensure that no active bird nests occurring within or immediately adjacent to Reservoir B would be disturbed during construction. If an active nest is found, a qualified biologist should determine the extent of a construction-free buffer zone to be established around the nest. If it is anticipated that construction activities will encroach on the buffer, a biological monitor will be present to ensure that the nesting birds are not disturbed by the activities.
- If vegetation is to be removed during construction and all necessary approvals have been obtained, potential nesting substrates (e.g., trees and shrubs) to be removed should be removed before the onset of the nesting season, if feasible. This will help preclude nesting and substantially decrease the likelihood of direct impacts.

Timing/Implementation: Prior to and during construction
Enforcement: California Department of Fish and Wildlife, PID
Monitoring: PID and its contractor

V. CULTURAL RESOURCES

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion of Impacts

- a, b) **No Impact.** The Cultural Resources Inventory and Evaluation Report (Stantec 2018c) prepared for the prior Reservoir B replacement project analyzed potential similar project-related impacts. The report determined that the 2018 project would have no impact on historic, archaeological, or paleontological properties in the project area and vicinity. This confidential report is available only to qualified reviewers upon request. There are no recorded historic sites within the Reservoir B site or vicinity. In accordance with Section 106 of the National Historic Preservation Act, there would be no adverse effect on cultural resources as a result of Reservoir B replacement activities. Replacement of Reservoir B would have no impact on cultural resources.

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- c) **Less-than-Significant Impact.** Although no impacts on known cultural resources are anticipated, currently undetected cultural resources or evidence of human remains could be exposed during excavation activities. *Mitigation Measure #2 – Cultural Resources* and *Mitigation Measure #3 – Human Remains* will be adhered to in the case of an unanticipated discovery of cultural resources or human remains. Replacement of Reservoir B would have a less-than-significant impact.

Mitigation Measures

Mitigation Measure #2—Cultural Resources

PID shall include provisions in the construction bid documents to minimize Reservoir B replacement impacts on cultural resources. The following measure shall be implemented to avoid construction-related impacts on cultural resources:

- If any unanticipated archaeological finds are made in the Reservoir B site that are considered to be significant, a number of methods may be used to mitigate potential adverse effects. Avoidance through project redesign or some method of preservation is the preferred method. If redesign or preservation is not an option, it is recommended that any potential adverse effects on unanticipated finds be mitigated through data recovery, although actual mitigation would be determined through consultation with the State Historic Preservation Officer under the National Historic Preservation Act. It is also recommended that local Native American groups be consulted, and their input solicited and considered in all aspects of such testing and mitigation.

Timing/Implementation:	During construction
Enforcement:	Native American Heritage Commission, PID
Monitoring:	PID and its contractor

Mitigation Measure #3—Human Remains

PID shall include provisions in the construction bid documents to minimize Reservoir B replacement impacts on cultural resources. The following measure shall be implemented to avoid construction-related impacts on inadvertently discovered human remains:

- If human remains are found, the California Health and Safety Code requires that excavation be halted in the immediate area and that the Butte County coroner be notified to determine the nature of the remains. The coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or State lands (California Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, he or she must contact the Native American Heritage Commission by telephone within 24 hours of making that determination (California Health and Safety Code Section 7050.5[c]).

Timing/Implementation:	During construction
Enforcement:	Native American Heritage Commission, PID
Monitoring:	PID and its contractor

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VI. ENERGY

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a, b) **No Impact.** It would be necessary to use diesel-powered equipment during Reservoir B replacement construction. This would not be considered wasteful, inefficient, or unnecessary consumption of energy resources. The Reservoir B replacement would comply with state and Butte County plans for energy efficiency.

Mitigation Measures

No project-specific mitigation is required under this subject.

VII. GEOLOGY AND SOILS

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code, creating substantial direct or indirect risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

a) i, ii, iii, iv) **No Impact.** The project area is not located within an Alquist-Priolo Earthquake Fault Zone and there are no active faults mapped in the Reservoir B site or vicinity (California Department of Conservation 2021b). However, several potentially active and inactive faults have been mapped nearby (California Department of Conservation 2021c), but since no faults pass through the Reservoir B site, construction would not result in the rupture of any known fault. Due to the lack of active faults near the Reservoir B site, construction and operation would not expose people or structures to seismic ground shaking or seismic-related ground failure. Topography in and around Reservoir B is low to moderately sloping. No landslides, incipient or otherwise, are present in the project area (Vertical Sciences 2017). The project area and vicinity have a low to moderate potential for slope instability (Butte County 2012). The project would have no impact.

b) **Less-than-Significant Impact.** Construction activities would result in soil disturbance on approximately 4.48 acres and would redistribute topsoil to accommodate new Reservoir B facilities. All excavated material is expected to be used to restore disturbed areas in the Reservoir B site, so no topsoil would be lost.

Overall soil loss would be minimal with implementation of standard construction practices for dust control and stormwater pollution prevention. Erosion and sediment control measures included in *Conservation Measure #2 – Water Pollution Prevention* (described in Section 2.6.2) and a stormwater pollution prevention plan will be used during construction to minimize the potential for erosion. Long-term erosion would be minimized around the tanks by drainage control devices and use of the existing stormwater system. Replacement of Reservoir B would result in less-than-significant impacts relating to soil erosion and loss of topsoil.

c) **No Impact.** The project is not located on unstable soils (Vertical Sciences 2017).

d) **Less-than-Significant Impact.** Some of the soils in the project area are considered expansive (Natural Resources Conservation Service 2021) and could pose a constraint to construction of Reservoir B. Design considerations for expansive soils, such as excluding highly plastic clays from engineered fill materials or lime- or cement-treatment of soils to reduce their expansive potential, would minimize the potential for shrink-swell conditions to affect Reservoir B facilities.

e) **No Impact.** Replacement of Reservoir B does not involve wastewater facilities.

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Mitigation Measures

No project-specific mitigation is required under this subject.

VIII. GREENHOUSE GAS EMISSIONS

Would the Project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **Less-than-Significant Impact.** GHGs are recognized by wide consensus among the scientific community to contribute to global warming/climate change and associated environmental impacts because of their ability to trap heat in the atmosphere and affect climate. The major GHGs that are released from human activity include carbon dioxide, methane, and nitrous oxide (Governor's Office of Planning and Research 2008). The primary sources of GHGs are vehicles (including planes and trains), energy plants, and industrial and agricultural activities (such as dairies and hog farms).

Emissions of GHGs from the replacement and operation of Reservoir B would be generated offsite from the production of materials used for construction materials production (e.g., pipe) as well as onsite construction-related equipment emissions. Replacement and operation of Reservoir B would not increase the generation of emissions after construction is complete because services provided by the reservoir would be similar to current conditions. Emissions of GHGs resulting from off-road heavy-duty diesel engines during construction activities would be short-term and minor. Gas or diesel generators permitted by BCAQMD would be used if needed in the event of electrical failure and emergency; however, these alternative sources of power will be maintained, and emissions outputs will comply with BCAQMD internal combustion engine permit requirements. Implementation of *Conservation Measure #1— Air Pollution and Dust Control* (described in Section 2.6.2) would reduce GHG emissions. This measure, combined with *Conservation Measure #3 – Greenhouse Gas Emissions* (described in Section 2.6.2) was incorporated into the project design and would be used during construction to ensure that impacts related to Reservoir B construction and operation would remain less than significant.

- (b) **No Impact.** The BCAQMD has not adopted a plan, policy, or regulation for reducing GHG emissions. However, the State of California has adopted several regulations related to GHG emissions reduction. These include efforts to reduce tailpipe emissions and diesel exhaust

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produced by fuel-combustion engines. Reservoir B operations would adhere to statewide efforts aimed at minimizing GHG emissions and would not conflict with any applicable plans, policies, or regulations adopted for the purpose of reducing the emission of GHGs. Replacement of Reservoir B would have no impact on GHG emissions.

Mitigation Measures

No project-specific mitigation is required under this subject.

IX. HAZARDS AND HAZARDOUS MATERIALS

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) For a project located within an airport land use compatibility plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion of Impacts

- a, b) **Less-than-Significant Impact.** The use of diesel or gasoline powered construction equipment (trucks, excavators, etc.) and lubricants such as oil and hydraulic fluids could pose a hazard to the public and the environments; however, construction-related hazards would be temporary and use of these materials for Reservoir B operation would be consistent with existing conditions. All equipment, regardless of its use as temporary or permanent, would be routinely maintained and inspected to avoid leaks. BMP's described in *Conservation Measure #2 – Water Pollution*

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Prevention (described in Section 2.6.2) will be used to reduce potential impacts associated with accidental spills of pollutants (i.e., fuels, oil, grease, etc.) on the area environment.

- c) **No Impact.** An existing or proposed school is not located within 0.25 mile of Reservoir B. Replacement of Reservoir B would have no impact.
- d) **No Impact.** A search of the State Department of Toxic Substances Control EnviroStor database (California Department of Toxic Substances Control 2021) and the State Regional Water Quality Control Board's GeoTracker database (SWRCB 2021) found no record of any contaminated sites in the project area. The nearest recorded hazardous site to the project area is a leaking underground storage tank site at 8710 Skyway Road in Paradise (approximately 500 feet west of the Reservoir B tank site). However, the site was cleaned-up and the case was closed in 2000 (SWRCB 2021). The project area is not included on the list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The project would have no impact.

The 2018 Camp Fire left enormous volumes of potentially contaminated debris throughout the burn area. Although hazardous materials were not stored or used at the Reservoir B site prior to the fire, the debris left onsite post-fire was subject to hazardous material removal criteria. The two-phase cleanup effort was established by the State Department of Toxic Substances Control, with assistance from the U.S. Environmental Protection Agency and other federal, state, and local agencies. Reservoir B is mapped as having undergone Phase 1 cleanup, but not Phase 2 (Butte County 2021).

- e) **No Impact.** The privately-owned Paradise Skypark Airport is approximately 4.8 miles south of Reservoir B. The Reservoir B site is outside of the Paradise Skypark Airport Influence Area as defined in the Butte County Airport Land Use Compatibility Plan (Butte County Airport Land Use Commission 2017). Replacement of Reservoir B would have no impact on the airport.
- f) **No Impact.** Replacement of Reservoir B would not require road closure or detours and would not interfere with an adopted emergency response plan or emergency evacuation plan. Replacement of Reservoir B would have no impact on emergency plans.
- g) **Less-than-Significant Impact.** Although Reservoir B is in a wildland-urban interface moderate to high fire hazard zone, the proposed infrastructure would store water and would not create a fire hazard. The use of construction equipment in and around vegetated areas increases the potential for wildfire ignition. *Conservation Measure #4 - Wildfire Potential* (described in Section 2.6.2) will be used to reduce the risk of wildfire associated with construction to a less-than-significant level. Operation of Reservoir B would have no impact on wildfire potential.

Mitigation Measures

No project-specific mitigation is required under this subject.

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X. HYDROLOGY AND WATER QUALITY

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: i) result in substantial erosion or siltation on- or off-site; ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite; iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or iv) impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion of Impacts

- a) **Less-than-Significant Impact.** Construction and operation of Reservoir B would not violate any water quality standards or waste discharge requirements set forth by the Central Valley Regional Water Quality Control Board in its water quality control plan for the Central Valley region. Water pollution control measures were incorporated into the project design to avoid and/or minimize impacts on water quality. These measures, in conjunction with *Conservation Measure #2 – Water Pollution Prevention* (described in Section 2.6.2) will reduce this impact to a less than significant level.
- b) **No Impact.** Construction and operation of Reservoir B would not result in any net changes in the current demand placed on the local aquifer or local groundwater table nor would construction and operation deplete groundwater supplies or interfere substantially with groundwater recharge. Replacement of Reservoir B would have no impact on groundwater.
- c) **Less-than-Significant Impact.** Replacement of Reservoir B would involve grading activities that would modify contours at the proposed tank site. The overall drainage patterns would remain similar to current conditions with surface runoff traveling east toward the existing connection to

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the stormwater system. Runoff patterns may increase slightly as a result of modifications (e.g., vegetation removal) to the Reservoir B site, but runoff would primarily infiltrate into the soils in the surrounding area or be conveyed to the existing stormwater drain on the east side of the Reservoir B site. No substantial areas of new additional impervious surface areas would be created as a result of construction. The proposed Reservoir B tanks would cover a similar area as the existing Reservoir B facilities. Replacement of Reservoir B would not create a substantial increase in stormwater runoff. The impact would be less than significant.

- d) **No Impact.** Reservoir B is not in an area with potential for a seiche, tsunami, or mudflow.
- e) **Less-than-Significant Impact.** Construction and operation of Reservoir B would not obstruct Central Valley Regional Water Quality Control Board's water quality control plan or groundwater quality protection strategy for the Central Valley region. Construction and operation of Reservoir B would involve the use of hazardous materials (i.e., petroleum-based fuels and lubricants). *Conservation Measure #2 – Water Pollution Prevention* (described in Section 2.6.2) will reduce this impact to a less than significant level.

Mitigation Measures

No project-specific mitigation is required under this subject.

XI. LAND USE AND PLANNING

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **No Impact.** Replacement of Reservoir B would not divide an established community. Construction would be temporary and a means for ingress/egress will be maintained to the facility through the duration of construction. Replacement of Reservoir B would have no impact.
- b) **No Impact.** Replacement of Reservoir B is consistent with applicable land use plans, policies, and regulations. Replacement of Reservoir B would not conflict with any applicable conservation plans. Replacement of Reservoir B would not involve a change in existing land use and would not conflict with any habitat conservation plans or natural communities' conservation plans. All necessary land use authorizations (i.e., landowner agreements), if required, will be in place prior to the onset of construction. The Reservoir B site is not included in any applicable habitat conservation plan or natural communities' conservation plan. Replacement of Reservoir B would have no impact on land use.

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Mitigation Measures

No project-specific mitigation is required under this subject.

XII. MINERAL RESOURCES

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a, b) **No Impact.** The Reservoir B site has not been mapped by the California Department of Conservation as containing marketable aggregate (California Department of Conservation 2018). The Reservoir B site is not designated as a mineral resource area, as depicted by the Butte County General Plan Conservation and Open Space and Element (Butte County 2012). Gravel mining activities do not occur at this location. Replacement of Reservoir B would not result in the loss of availability of a valuable mineral resource. There would be no impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

XIII. NOISE

Would the project result in:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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- a) **Less-than-Significant Impact.** Construction activities would temporarily increase noise levels in the vicinity of Reservoir B. Actual noise levels would vary throughout the period of construction, depending on the type of construction equipment involved, activities being implemented, and distance between the source of the noise and receptors. Although most nearby residences were destroyed by the Camp Fire in 2018, it is anticipated that some rebuilding will occur before or concurrent with Reservoir B construction activities. Construction noise would temporarily expose residents to increased noise levels.

Construction-related noise would be temporary and occur only during daylight hours (typically 7:00 a.m. to 7:00 p.m., Monday through Saturday). Construction-related noise would be limited to levels lower than the maximum allowable noise exposure as defined in the Butte County General Plan Noise Element (Butte County 2012) as shown in Table 2 below.

Noise generated by construction and operation of Reservoir B from sources such as heavy equipment, stationary pumps, and occasional truck traffic are common to the existing daily operations of existing PID facilities and ambient noise in Paradise. Noise generated by construction and operation of Reservoir B would have a less-than-significant impact on the community.

Table 2. Maximum Allowable Noise Exposure to Non-Transportation Sources

Noise Level Description	Urban Zone	Non-Urban Zone	Urban Zone	Non-Urban Zone	Urban Zone	Non-Urban Zone
Noise Level Description	Daytime 7 a.m.—7 p.m.		Evening 7 p.m.—10 p.m.		Night 10 p.m.—7 a.m.	
Hourly Equivalent Sound Level, dB	55	50	50	45	45	40
Maximum Level, dB	70	60	60	55	55	50

Source: Butte County 2012

Notes:

1. "Non-Urban designations" are Agriculture, Timber Mountain, Resource Conservation, Foothill Residential and Rural Residential. All other designations are considered "urban designations" for the purposes of regulating noise exposure.
2. Each of the noise levels specified above shall be lowered by 5 dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings).
3. The county can impose noise level standards which are up to 5 dB less than those specified above based upon determination of existing low ambient noise levels in the vicinity of the project site.
4. In urban areas, the exterior noise level standard shall be applied to the property line of the receiving property. In rural areas, the exterior noise level standard shall be applied at a point 100 feet away from the residence. The above standards shall be measured only on property containing a noise sensitive land use. This measurement standard may be amended to provide for measurement at the boundary of a recorded noise easement between all affected property owners and approved by the county.

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- b) **Less-than-Significant Impact.** Construction-related groundborne vibration resulting from the movement of heavy equipment within the construction area would be temporary and localized. There is no potential for persons outside of the immediate construction area to be affected by groundborne vibration. Construction would not involve the use of explosives or pile driving activities. Groundborne vibrations associated with operation of the proposed water distribution improvements would be localized and consistent with existing conditions. Groundborne vibrations or noise levels generated by Reservoir B construction and operation would have a less-than-significant impact on individuals.
- c) **No Impact.** Replacement of Reservoir B is not located in the vicinity of a private airport or landing strip and therefore would have no impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

XIV. POPULATION AND HOUSING

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

Replacement of Reservoir B will comply with Environmental Justice, Executive Order No. 12898, and will have no adverse impacts on low-income, minority, or any racial, ethnic, or socioeconomic group.

- a) **No Impact.** Replacement of Reservoir B would replace a reservoir that is no longer functional due to the Camp Fire of 2018. It would provide water for the expected post-fire population. Replacement of Reservoir B would have no impact on population growth.
- b) **No Impact.** Existing housing or people within the town of Paradise would not be displaced by the replacement of Reservoir B and no replacement housing would be required. Replacement of Reservoir B would have no impact on the numbers of existing housing. Replacement of Reservoir B would have no impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

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XV. PUBLIC SERVICES

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impact

- a) **No Impact.** Replacement of Reservoir B would have no impact on public resources, including fire protection, police protection, schools, parks, and other public facilities. During construction, water distribution where currently available would continue. Replacement of Reservoir B would have no impact on public services during construction. Operation of Reservoir B would benefit PID's water system customers and provide an additional source of emergency water for the community.

Mitigation Measures

No project-specific mitigation is required under this subject.

XVI. RECREATION

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Discussion of Impacts

- a, b) **No Impact.** Replacement of Reservoir B would not result in an increased demand for recreational facilities. Replacement of Reservoir B would not require the construction or expansion of recreational facilities. Replacement of Reservoir B would have no impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

XVII. TRANSPORTATION

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **No Impact.** Construction traffic (equipment and materials transport and daily worker traffic) would temporarily increase traffic on local roads during the construction phase. Temporary construction traffic would be limited to periodic worker, and equipment and material transport during the construction phase and a few PID vehicles daily during the operational phase. Replacement of Reservoir B would not require road closures or detours.
- b) **Less-than-significant.** Vehicle miles traveled would increase slightly to accommodate construction workers traveling to and from the site. However, the construction will occur in one season and the number of persons on-site would not result in a significant number of vehicle miles traveled. The volume and type of traffic associated with construction would not exceed the level of service for roads in the Paradise area. Replacement of Reservoir B would not conflict with the Butte County General Plan Circulation Element (Butte County 2012). Any impacts on traffic during construction would be temporary and less than significant.
- c) **No Impact.** Replacement of Reservoir B would not involve activities that could increase hazards due to a design feature or incompatible uses or affect parking capacity in the region. Construction vehicles would not need to park on streets outside the Reservoir B site. Replacement of Reservoir B would have no impact.

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- d) **No Impact.** Replacement of Reservoir B would not require road closures or detours. Replacement of Reservoir B would not impede emergency vehicle access and would have no impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

XVIII. TRIBAL CULTURAL RESOURCES

Would the project: cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a, b) Assembly Bill 52 (AB 52), passed in 2014, amends sections of CEQA relating to Native Americans. AB 52 establishes a new category of cultural resources, named Tribal Cultural Resources (TCRs), and states that a project that may cause a substantial adverse change in the significance of a TCR may have a significant effect on the environment. Defined in Section 21074 (a, b, and c) of the PRC, TCRs are:

A.1) Sites, features, places, cultural landscapes, sacred places and objects with cultural value to a California Native American tribe that are either of the following:

- Included or determined to be eligible for inclusion in the California Register of Historical Resources ; or
- Included in a local register of historical resources as defined in subdivision (k) of Section 5020.1.

A.2) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the

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purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

- B) A cultural landscape that meets the criteria of subdivision (a) is a TCR to the extent that the landscape is geographically defined in terms of the size and scope of the landscape; and
- C) A historical resource described in Section 21084.1, a unique archaeological resource as defined in subdivision (g) of Section 21083.2, or a “nonunique archaeological resource” as defined in subdivision (h) of Section 21083.2 may also be a TCR if it conforms to the criteria of subdivision (a).
 - Mitigation measures for TCRs must be developed in consultation with the affected California Native American tribe pursuant to newly chaptered Section 21080.3.2, or according to Section 21084.3. Section 21084.3 identifies mitigation measures that include avoidance and preservation of TCRs and treating TCRs with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource.
 - In accordance with AB 52, tribes identified by the Native American Heritage Commission (NAHC) were contacted via letter and phone calls on behalf of PID pursuant to Section 106 of the National Historic Preservation Act and Section 21080.3 of CEQA. Additionally, the NAHC conducted a review of its Sacred Lands database for culturally significant properties and responded by email on September 20, 2017, indicating that the Sacred Lands File contained no records of Native American cultural resources in the immediate area. None of the persons identified by NAHC expressed concerns about the replacement of Reservoir B and no TCRs were identified in the project area after consultation. However, if such resources are inadvertently discovered during project construction, *Mitigation Measure #2 – Cultural Resources* and *Mitigation Measure #3 - Human Remains* will be used to reduce any potential impacts on cultural resources to a less-than-significant level.

Mitigation Measures

Mitigation Measure #2 – Cultural Resources and *Mitigation Measure #3 - Human Remains* described in Section 3.2, Section V, Cultural Resources, in will be used to reduce any potential impacts on TCRs to a less-than-significant level.

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XIX. UTILITIES AND SERVICE SYSTEMS

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion of Impacts

- a) **Less-than-Significant Impact.** Replacement of Reservoir B would involve constructing new water storage tanks. Standard construction measures and mitigation measures described in this document will be implemented to minimize or avoid adverse environmental impacts, and overall impacts to the environment would be less than significant. Replacement of Reservoir B would also not encourage growth or expansion of other facilities because the tank capacity would supply the post-fire re-build population in the PID service area. Replacement of Reservoir B would involve modification of the existing stormwater drainage system at the Reservoir B site. The system would convey runoff from the tank site to an existing storm drain on the east side of the Reservoir B site. The stormwater system would not significantly expand on the existing stormwater system at the Reservoir B site. The impact would be less than significant.
- b) **No Impact.** No new or expanded water entitlements would be required for the replacement of Reservoir B. Replacement of Reservoir B would have no impact.
- c) **No Impact.** Replacement of Reservoir B would not involve the treatment or creation of wastewater. Replacement of Reservoir B would have no impact.
- d, e) **Less-than-Significant Impact.** Construction activities associated with the replacement of Reservoir B would generate solid waste in the form of demolished materials and other trash. Any solid waste generated by construction would be disposed of at an approved landfill or recycling

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center (e.g., Neal Road Landfill), in compliance with local, state, and federal regulations pertaining to solid waste disposal. Construction and operation of the Reservoir B is not likely to generate solid waste in amounts that would adversely affect the existing capacity of the local landfill. Replacement of Reservoir B would have a less-than-significant impact.

Mitigation Measures

No project-specific mitigation is required under this subject.

XX. WILDFIRE

Would the project result in:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Discussion of Impacts

- a) **No Impact.** Replacement of Reservoir B would not require road closures or detours. There would be no impact on adopted emergency response plans or emergency evacuation plans.
- b, c) **Less-than-Significant-Impact.** Based on current mapping, the lands in the Reservoir B site are mapped as having “low-moderate” fire hazard potential by the U.S. Department of Agriculture (2020) and “extreme” fire risk according to the California Public Utilities Commission Fire-Threat Map (California Public Utilities Commission 2018). Construction activities would not exacerbate fire risks or result in ongoing impacts to the environment. Implementation of *Conservation Measure #4—Wildfire* (described in Section 2.6.2) would further reduce the potential for wildfire. Wildfire risk potential associated with replacement and operation of Reservoir B would be less than significant.
- d) **No Impact.** The grading profile for Reservoir B would provide sufficient gradient for drainage of roadway surfaces, and as such, construction would not expose people or structures to significant risks as a result in drainage changes, runoff, or slope instability.

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Mitigation Measures

No project-specific mitigation is required under this subject.

XI. MANDATORY FINDINGS OF SIGNIFICANCE

(To be filled out by Lead Agency if required)	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Discussion

- a) **Less than Significant with Mitigation Incorporated.** Construction-related activities could result in impacts on nesting migratory birds and raptors and previously undiscovered cultural resources. Mitigation measures described in Section 3.2, Biological Resources, will be used to avoid or minimize potential impacts on migratory birds and raptors. Although no cultural resources are anticipated to be impacted by construction, mitigation measures described in Section 3.2, Section V, Cultural Resources, will be used in the event of an inadvertent discovery of cultural resources or human remains. Conservation measures were included in the project design (as described in Section 2.6.2) and will be used to further reduce potential construction-related environmental effects. Replacement of Reservoir B would have a less-than-significant impact with mitigation incorporated.
- b) **Less-than-Significant Impact.** Replacement of Reservoir B would not result in cumulatively considerable impacts with implementation of standard construction measures and mitigation measures described in this IS. Replacement of Reservoir B would not introduce any new land uses or would result in the need for any reasonably foreseeable future projects within the town of Paradise. Impacts associated with the replacement of Reservoir B would be limited primarily to the construction phase, with no significant operational impacts on the environment. All impacts resulting from the replacement of Reservoir B can be fully mitigated for at the project level. As a result, cumulative impacts are considered to be less than significant.

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- c) **Less-than-Significant Impact.** Replacement of Reservoir B, particularly during the construction phase, would result in temporary impacts to human beings. Potential adverse effects would be related to temporary increases in air pollutants, water quality impacts, and any accidental spills of hazardous materials. Construction would occur primarily within previously disturbed areas and would not involve any actions that would have a substantial direct or indirect impact on the human environment. The implementation of standard construction measures described in this IS would ensure construction-related impacts on human beings are minimized, and no long-term or operational-related impacts are anticipated.

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CHAPTER 4.0 DETERMINATION

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment and a NEGATIVE DECLARATION will be prepared.

- X I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed project MAY have a “Potentially significant impact” or “potentially significant unless mitigated” impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier ENVIRONMENTAL IMPACT REPORT or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



4/9/2021

Tom Lando, Interim District Manager
Paradise Irrigation District

Date

CHAPTER 5.0 MITIGATION MONITORING AND REPORTING PROGRAM

This chapter comprises the Mitigation Monitoring and Reporting Program (MMRP) for the Reservoir B replacement element of the PID Water System Recovery and Reservoir B Replacement Project (project). The purpose of this MMRP is to memorialize the mitigation responsibilities of PID in implementing the replacement of Reservoir B. The mitigation measures listed herein are required by law or regulation and will be adopted by PID as part of the overall project approval. Mitigation is defined by the CEQA Section 15370 as a measure that incorporates one of the following:

- avoids the impact altogether by not taking a certain action or parts of an action
- minimizes impacts by limiting the degree or magnitude of the action and its implementation
- rectifies the impact by repairing, rehabilitating, or restoring the impacted environment
- reduces or eliminates the impact over time by preservation and maintenance operations during the life of the project
- compensates for the impacts by replacing or providing substitute resources or environments

Mitigation measures provided in this MMRP have been identified in Chapter 3, Environmental Setting, Impacts, and Mitigation Measures of the IS/MND and are considered feasible and effective in mitigating project-related environmental impacts.

This MMRP includes discussions of the following: legal requirements, intent of the MMRP; development and approval process for the MMRP; the authorities and responsibilities associated with implementation of the MMRP; a method of resolution of noncompliance complaints; and a summary of monitoring requirements.

Legal Requirements: The legal basis for the development and implementation of the MMRP lies within CEQA (including the California PRC). Sections 21002 and 21002.1 of the California PRC state:

- Public agencies are not to approve projects as proposed if there are feasible alternatives or feasible mitigation measures available that would substantially lessen the significant environmental effects of such projects.
- Each public agency shall mitigate or avoid the significant effects on the environment of projects that it carries out or approves whenever it is feasible to do so.

Section 21081.6 of the California PRC further requires that:

- The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval, adopted in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation.

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- The monitoring program must be adopted when a public agency makes its findings under CEQA so that the program can be made a condition of project approval in order to mitigate significant effects on the environment. The program must be designed to ensure compliance with mitigation measures during project implementation to mitigate or avoid significant environmental effects.

Intent of the Mitigation Monitoring and Reporting Program: The MMRP is intended to satisfy the requirements of CEQA as they relate to the project. It will be used by PID staff, participating agencies, project contractors, and mitigation monitoring personnel during implementation of the project. The primary objective of the MMRP is to ensure the effective implementation and enforcement of adopted mitigation measures and permit conditions. The MMRP will provide for monitoring of construction activities as needed, onsite identification and resolution of environmental problems, and proper reporting to lead agency staff.

Development and Approval Process: The timing elements for implementing mitigation measures and the definition of the approval process are provided in detail throughout this MMRP to assist PID staff by providing the most usable monitoring document possible.

Authorities and Responsibilities: PID, functioning as the CEQA Lead Agency, will have the primary responsibility for the execution and proper implementation of the MMRP and will be responsible for the following activities:

- coordination of monitoring activities
- maintenance of records concerning the status of all approved mitigation measures

PID, as implementing agency, is responsible for implementing the mitigation measures by incorporating them into the project specifications (contract documents) and enforcing the conditions of the contract in the field during construction. Some pre- and post-construction activities may be implemented directly by PID.

Resolution of Noncompliance Complaints: Any person or agency may file a complaint that alleges noncompliance with the mitigation measure(s) adopted as part of the approval process for the proposed project. The complaint shall be directed to PID, Mr. Jim Passanisi, 6332 Clark Road, Paradise, California 95969, in written form describing the purported violation in detail. PID shall conduct an investigation and determine the validity of the complaint. If noncompliance with a mitigation measure is verified, PID shall take the necessary action(s) to remedy the violation. Complaints shall be responded to in writing including descriptions of PID's investigation findings and the corrective action(s) taken, if applicable.

Summary of Monitoring Requirements: Following this discussion are the mitigation measures and associated monitoring requirements for the proposed project. The mitigation measures are organized by environmental issue area (i.e., Air Quality, Biological Resources, etc.) and consist of the following:

- Mitigation Measure(s): lists the mitigation measure(s) identified for each potentially significant impact discussed in the IS/MND. The same mitigation numbering system used in the IS/MND is carried forward in this MMRP.

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- **Timing/Implementation:** Indicates at what point in time or project phase the mitigation measure will need to be implemented.
- **Enforcement:** Indicates which agency or entity is responsible for enforcement of the mitigation measure(s).
- **Monitoring:** Indicates which agency or entity is responsible for implementing and monitoring each mitigation measure.
- **Verification:** Provides a space to be signed and dated by the individual responsible for verifying compliance with each mitigation measure.

5.1 CONSERVATION MEASURES

PID is committed to implementing the following conservation measures during construction of the Reservoir B:

Conservation Measure #1—Air Pollution and Dust Control

Air pollution control would conform to all applicable air pollution control rules, regulations, ordinances, and statutes. Dust would be controlled during construction activities and subsequent operation of the project. Dust controls may include, but would not be limited to the following elements, as appropriate:

- Pursuant to California Vehicle Code (Section 23114) (California Legislative Information 2021), all trucks hauling soil and other loose material to and from the construction site shall be covered or shall maintain at least 6 inches of freeboard (i.e., minimum vertical distance between top of load and the trailer).
- Any soils that are removed during construction shall be stored onsite in piles not to exceed 4 feet in height. These spoil piles shall be clearly marked and flagged. Spoil piles that will not be immediately returned to use shall be revegetated with a non-persistent erosion control mixture.
- Equipment and manual watering shall be conducted on all stockpiles, dirt/gravel roads, and exposed or disturbed soil surfaces, as necessary, to reduce airborne dust.
- PID or its contractor shall designate a person to monitor dust control and to order increased watering as necessary to prevent transport of dust offsite. This person shall also respond to any citizen complaints.

Conservation Measure #2—Water Pollution Prevention

Although the Reservoir B site contains no potential waters of the United States or State and the water system recovery footprint follows preexisting distribution lines, construction activities could affect wetland and waters features that are outside the project footprint. The following BMPs have been incorporated into the proposed project to avoid and minimize the potential for adverse indirect effects on water quality.

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- Activities that increase the erosion potential within the project area shall be restricted to the relatively dry summer and early fall period (approximately May 15 to October 15) to the maximum extent practicable to minimize the potential for rainfall events to transport sediment to surface water features. If construction activities must take place during the late fall, winter, or spring, then temporary erosion and sediment control structures must be in place and operational at the end of each construction day and maintained until the completion of the project.
- Within 10 days of completion of construction, weed-free mulch shall be applied to disturbed areas in order to reduce the potential for short-term erosion. Prior to a rain event or when there is greater than 50 percent possibility of rain forecasted by the National Weather Service during the next 24 hours, weed-free mulch, tarps, or geotextile fabrics shall be applied to all exposed areas upon completion of the day's activities. Soils shall not be left exposed during the rainy season.
- Suitable BMPs, such as silt fences, straw wattles, or catch basins, shall be placed below all construction activities at the edge of surface water features to intercept sediment before it reaches the waterway. These structures shall be installed prior to any clearing or grading activities.
- If spoil sites are used, they shall be located such that they do not drain directly into a surface water feature, if possible. If a spoil site drains into a surface water feature, catch basins shall be constructed to intercept sediment before it reaches the feature. Spoil sites shall be graded and vegetated to reduce the potential for erosion.
- Sediment control measures shall be in place prior to the onset of the rainy season (or no later than October 15) and will be monitored and maintained in good working condition until vegetation becomes established within the disturbed areas.
- Fueling construction equipment shall be done at a fixed fueling station to reduce the area exposed to the potential for fuel spills.
- Secondary containment, such as a drain pan or drop cloth, shall be used to catch spills or leaks when removing or changing fluids.
- Spill containment materials shall be kept onsite at all times to contain any accidental spill.
- Absorbent materials shall be used on small spills rather than hosing down or burying the spill. The absorbent material shall be promptly removed and disposed of properly.
- Onsite vehicles and equipment shall be regularly inspected for leaks and repaired immediately.
- If vehicle and equipment maintenance must occur onsite, it shall be done in designated areas, located away from drainage courses, to prevent the run-on of storm water and the run-off of spills.
- Equipment and materials shall be stored at least 50 feet away from surface water features.
- PID is responsible for compliance with applicable federal, state, or local laws or ordinances and shall obtain authorization from all applicable regulatory agencies.

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Conservation Measure #3—Greenhouse Gas Emissions

PID shall include provisions in the construction bid documents to minimize project-related GHG emissions. The following measures shall be implemented to reduce construction-related GHG emissions:

- Reuse and recycle construction and demolition waste, including, but not limited to soil, vegetation, concrete, lumber, metal, and cardboard.
- Ensure that the project enhances, and does not disrupt or create barriers to, non-motorized transportation (e.g., bicycles, pedestrians) through proper pre-construction planning.
- Protect existing trees to the extent possible and encourage the planting of new trees.

Conservation Measure #4—Wildfire Potential

PID shall include the following measure in the construction bid documents to minimize project-related potential for wildfire ignition:

- Per the requirements of PRC Section 4442, PID shall include a note on all construction plans that internal combustion engines shall be equipped with an operational spark arrester, or the engine must be equipped for the prevention of fire.

Conservation Measure #5—Prevention of Spread of Invasive Species

The following avoidance and minimization measures are recommended during project construction to reduce the potential spread of invasive species:

- All equipment used for construction activities off of paved surfaces will be weed-free prior to entering the project site.
- If project implementation calls for mulches or fill, they will be weed free.
- Any invasive plant species removed during construction will be properly disposed of to ensure the species does not spread to other areas.

5.2 MITIGATION MEASURES

PID is committed to implementing the following mitigation measures during construction of the PID Reservoir B Replacement Project:

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

5.2.1 Biological Resources

Mitigation Measure #1—Migratory Birds and Raptors

The following measures shall be implemented to avoid or minimize the potential for adverse impacts on nesting migratory birds and raptors:

- Construction activities should be scheduled to avoid the nesting season to the extent feasible. The typical nesting seasons in northern California extends from February 15 through September 15. Thus, if construction activities can be scheduled to occur outside of the nesting season, no impacts would be expected. If the nesting season cannot be completely avoided, the following measures shall be implemented.
- A qualified biologist shall conduct a minimum of one pre-construction survey for nesting migratory birds and raptors within the Reservoir B site and a 250-foot buffer around the site. The survey should be conducted no more than 14 days prior to the initiation of activities in any given area. The pre-construction survey should be used to ensure that no active bird nests occurring within or immediately adjacent to Reservoir B would be disturbed during construction. If an active nest is found, a qualified biologist should determine the extent of a construction-free buffer zone to be established around the nest. If it is anticipated that construction activities will encroach on the buffer, a biological monitor will be present to ensure that the nesting birds are not disturbed by the activities.
- If vegetation is to be removed during construction and all necessary approvals have been obtained, potential nesting substrates (e.g., trees and shrubs) to be removed should be removed before the onset of the nesting season, if feasible. This will help preclude nesting and substantially decrease the likelihood of direct impacts.

Timing/Implementation:	Prior to and during construction
Enforcement:	California Department of Fish and Wildlife, PID
Monitoring:	PID and its contractor

Verification (sign and date): _____

5.2.2 Cultural Resources

Mitigation Measure #2—Cultural Resources

PID shall include provisions in the construction bid documents to minimize Reservoir B replacement impacts on cultural resources. The following measure shall be implemented to avoid construction-related impacts on cultural resources:

- If any unanticipated archaeological finds are made in the Reservoir B site that are considered to be significant, a number of methods may be used to mitigate potential adverse effects. Avoidance through project redesign or some method of preservation is the preferred method. If redesign or preservation is not an option, it is recommended that any potential adverse effects on

PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

unanticipated finds be mitigated through data recovery, although actual mitigation would be determined through consultation with the State Historic Preservation Officer under the National Historic Preservation Act. It is also recommended that local Native American groups be consulted, and their input solicited and considered in all aspects of such testing and mitigation.

Timing/Implementation: During construction
Enforcement: Native American Heritage Commission, PID
Monitoring: PID and its contractor

Verification (sign and date): _____

Mitigation Measure #3—Human Remains

PID shall include provisions in the construction bid documents to minimize Reservoir B replacement impacts on cultural resources. The following measure shall be implemented to avoid construction-related impacts on inadvertently discovered human remains:

- If human remains are found, the California Health and Safety Code requires that excavation be halted in the immediate area and that the Butte County coroner be notified to determine the nature of the remains. The coroner is required to examine all discoveries of human remains within 48 hours of receiving notice of a discovery on private or State lands (California Health and Safety Code Section 7050.5[b]). If the coroner determines that the remains are those of a Native American, he or she must contact the Native American Heritage Commission by telephone within 24 hours of making that determination (California Health and Safety Code Section 7050.5[c]).

Timing/Implementation: During construction
Enforcement: Native American Heritage Commission, PID
Monitoring: PID and its contractor

Verification (sign and date): _____

CHAPTER 6.0 REPORT PREPARATION

6.1 PARADISE IRRIGATION DISTRICT – CEQA LEAD AGENCY

Tom Lando

Interim District Manager

6.2 STANTEC – ENVIRONMENTAL COMPLIANCE

Wirt Lanning

Program Director

Connie MacGregor

Project Manager

Sarah Tona

Environmental Analyst

Tim Hanson

Biologist/Wetland Delineator

Teri Mooney

Geographic Information System Analyst

Julie Cassidy

Cultural Resources Principal Investigator

Sylvia Langford

Editor

6.3 WATER WORKS ENGINEERS, LLC – PRELIMINARY DESIGN ENGINEERING

Sami Kader, P.E.

Project Manager

Sheila Magladry, EIT

Project Engineer

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Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

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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: May 19, 2021

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Account credit authorization for backflow device purchase

Recommendation: Authorize the Assistant District Manager to issue account credits to customer accounts for backflow device purchase.

Background: Customer who needed water prior to the metering project purchased backflow prevention devices from PID on the basis that if FEMA funding were available the cost for that purchase would be reimbursed.

In March, 2638 letters were sent to customers who purchased and had PID install the backflow prevention device. The letter indicates PID will credit the utility account the cost of the device purchase and requires the customer opt-in to PID maintenance costs for the annual maintenance.

To date we have received approximately 1100 responses to the letter but expect more customers will choose this option after customer service performs further outreach.

Staff requests the board authorize the credit for each account who qualifies so we are prepared to issue these credits when customers opt-in.

Account credits will range from \$380.85 to \$791.37 depending on device size. Staff recommends approval of a not-to-exceed credit amount of \$1,006,326.00 to provide these account credits. The account credit will affect service rate revenue for approximately 17 months. We anticipate some customers will ask for refunds.

The recommended motion is:

"I move to authorize the issuance of customer account credits ranging from \$380.85 to \$791.37 for a not-to-exceed dollar amount of \$1,006,326.00 for purchase of backflow prevention devices."



Paradise Irrigation District

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

DATE: May 14, 2021
TO: Board of Directors
FROM: Ross Gilb, Finance & Accounting Advisor
SUBJECT: Selection of District Auditor 3 Years (2021 – 2023)
05/19/2021 Board of Directors Meeting

Background:

The District issued an RFP for auditing services on April 6, 2021. The District has used Fechter & Company for the last three-year period. The District has had a great working relationship with Fechter & Company over the prior three-year audit period, and Fechter & Company has provided excellent flexibility and support in regard to the District's changing financial situation due to the 2018 Camp Fire.

The District requested proposals to be submitted by May 7, 2021. Proposals were received from 7 firms by the requested deadline.

Careful consideration was given to each firm's qualifications, technical capabilities, staffing qualifications, water audit clients, audit approach, and their respective expertise regarding GASB.

Below is the summary of the seven proposals received:

Audit Firm	Year 1	Year 2	Year 3	3 Year Total	Total Evaluation Points
Fechter & Company	18,700	19,100	19,509	57,309	93 points
Fedak & Brown LLP	23,325	23,325	23,325	69,975	87 points
Vasquez & Company LLP	16,000	16,400	16,810	49,210	87 points
Brown Armstrong Certified Public Accountants	19,500	19,500	19,500	58,500	86 points
Harshwal & Company LLP	15,870	15,870	15,870	47,610	85 points
Smith & Newell CPAs	20,880	21,370	22,025	64,275	81 points
Mann Urrutia Nelson CPAs	25,700	25,700	25,700	77,100	80 points

An evaluation was performed based on factors outlined within the request for proposal and points were assigned accordingly. Emphasis was equally placed on the firm's overall qualification, as well as cost. All seven firms' proposals were very impressive. Based on the overall evaluation of the proposals received, the firm that received the highest overall evaluation points was Fechter & Company out of Sacramento.

The hours quoted by Fechter & Company for each annual engagement period were in line with prior District auditing performances. Fechter & Company has assigned a manager from the firm to perform a significant portion of the audit fieldwork and assigned a partner to perform a significant portion of the audit technical review.



Paradise Irrigation District

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The recommended form of motion is:

"I move to accept the proposal from Fechter and Company for auditing services for fiscal years 2020-21 through 2022-23, for a not-to-exceed amount of \$57,309 and direct the District Manager to execute the professional services agreement following review by Legal Counsel."

Paradise Irrigation District - Audit RFP - FYE June 30, 2021, 2022, 2023
Proposal Evaluation Summary

	Brown Armstrong Certified Public Accountants	Fechter & Company	Fedak & Brown LLP	Harshwal & Company LLP	Mann Urrutia Nelson CPAs	Smith & Newell CPAs	Vasquez & Company LLP
	Bakersfield Eric Xin 661-324-4971 May 7, 2021	Sacramento Craig Fechter 916-333-5360 May 7, 2021	Cypress Christopher Brown 657-214-2307 May 6, 2021	Oakland Sanwar Harshwal 858-784-1622 May 5, 2021	Sacramento Justin Williams 916-929-0540 May 5, 2021	Yuba City Normal Newell 530-673-9790 May 4, 2021	Glendale Roger Martinez 213-873-1703 May 7, 2021
Category							
Date of Proposal	May 7, 2021	May 7, 2021	May 6, 2021	May 5, 2021	May 5, 2021	May 4, 2021	May 7, 2021
Irrevocable Offer - May 7, 2021	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Includes Single Audit Cost	Yes	Yes	Yes	Yes	Yes	Yes	No
Guarantee - Appendix C	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warranties - Appendix D	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Areas of gov't. specialization	47 yrs total, gov't., special dist, 5+ water dist. , Cities, Other Gov't, non-profit	16 yrs total, gov't., special dist, 12+ water dist. , Cities, Other Gov't, non-profit	40 yrs total, gov't., special dist, 48+ water dist. , Cities, Other Gov't, non-profit	12 yrs total, gov't., special dist, 0+ water dist. , Cities, Other Gov't, non-profit	18 yrs total, gov't., special dist, 10+ water dist. , Cities, Other Gov't, non-profit	33 yrs total, gov't., special dist, 9+ water dist. , Cities, Other Gov't, non-profit	50 yrs total, gov't., special dist, 9+ water dist. , Cities, Other Gov't, non-profit
Staff Qualifications	54 employees, 9 partners 36 Audit Staff	5 employees, 4 CPA's	Adequate Personnel Assigned 3 accountants, 2 clerical	20 employees, 1 partner, 20 Audit Staff	60 total	8 employees, 2 partners 6 Audit Staff	88 employees, 7 partners 84 Audit Staff
Evaluation Criteria - Mandatory Elements	OK	OK	OK	OK	OK	OK	OK
Recent Peer Audit - Int Controls	6/27/2019	9/27/2018	4/29/2019	2/25/2021	6/28/2019	11/28/2018	3/25/2020
Technical Quality							
Expertise & Experience							
Prior gov't. experience	very good	very good	very good	very good	very good	very good	very good
Prior water experience	very good	excellent	excellent	N/A	excellent	very good	very good
Quality of personnel	excellent	excellent	excellent	excellent	excellent	excellent	excellent
Audit Approach	169 hours	160 hours	160 hours	130 hours	152 hours	191 hours	202 hours
Staff planning	very good	very good	very good	very good	very good	very good	very good
Sampling techniques	very good	very good	very good	very good	very good	very good	very good
Analytical procedures	very good	very good	very good	very good	very good	very good	very good
GASB Knowledge	very good	very good	very good	very good	very good	very good	very good
TOTAL TECHNICAL POINTS	50 points	55 points	55 points	45 points	55 points	47 points	47 points
TOTAL PRICING POINTS (Pg 2)	36 points	38 points	32 points	40 points	30 points	34 points	40 points
TOTAL EVALUATION POINTS	86 points	93 points	87 points	85 points	80 points	81 points	87 points



"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: May 19, 2021
TO: PID Board of Directors
FROM: Mickey Rich, Assistant District Manager
RE: Annual confirmation of Wise Water Use Regulations

Recommendation: Confirm the District's Wise Water Use Regulations with the suggested amendments.

As part of PID's approach to discouraging water waste, the 2015 version of our Urban Water Management Plan states the Board of Directors shall confirm the permanent wise water use regulations annually.

Wise Water Use Regulations

IMPLEMENTATION DESCRIPTION: Per the 2015 Urban Water Management Plan the District Board has adopted the following Wise Water Use Regulations that are permanently in effect:

- A prohibition on outside water uses between the hours of 12:00 noon and 6:00 pm.
- A prohibition on the excessive use of any outside watering, which results in runoff onto walks, driveways, streets, or any other surface not reasonably expected to benefit from the authorized use of water.
- Washing a vehicle is acceptable at any time of the day with the use of a shutoff nozzle.

Occurrences of non-compliance, reported to, or observed by a District representative will be followed by a ~~personally delivered or~~ mailed written warning. Only one such warning will be issued. Second and subsequent violations, observed by a District representative, will result in a personally delivered or mailed written notice of a \$25.00 Quantity Surcharge to appear on the next water bill.

~~The District has also implemented a Wasteful Use Fee that would result in consumption charges being billed at two times the highest tiered consumption charge. This would be implemented for metered customers refusing to stop a wasteful use of water after being notified by the District.~~

Suggested Motion Language:

"I move to confirm the District's Wise Water Use Regulations as presented."

State of California

WATER CODE

Section 21378

21378. The board, however, may by resolution entered upon its minutes fix any day of the month for its regular monthly meeting, or if more than one regular meeting is to be held each month it may fix the days for such regular meetings. When more than one regular meeting is held each month, the day of the first such meeting in January is the regular monthly meeting day in January for the purposes of this division. The change shall not be effective until the resolution proposing it has been published once a week for two successive weeks in a newspaper published in the office county.

(Amended by Stats. 1965, Ch. 2019.)

State of California

GOVERNMENT CODE

Section 54954

54954. (a) Each legislative body of a local agency, except for advisory committees or standing committees, shall provide, by ordinance, resolution, bylaws, or by whatever other rule is required for the conduct of business by that body, the time and place for holding regular meetings. Meetings of advisory committees or standing committees, for which an agenda is posted at least 72 hours in advance of the meeting pursuant to subdivision (a) of Section 54954.2, shall be considered for purposes of this chapter as regular meetings of the legislative body.

(b) Regular and special meetings of the legislative body shall be held within the boundaries of the territory over which the local agency exercises jurisdiction, except to do any of the following:

(1) Comply with state or federal law or court order, or attend a judicial or administrative proceeding to which the local agency is a party.

(2) Inspect real or personal property which cannot be conveniently brought within the boundaries of the territory over which the local agency exercises jurisdiction provided that the topic of the meeting is limited to items directly related to the real or personal property.

(3) Participate in meetings or discussions of multiagency significance that are outside the boundaries of a local agency's jurisdiction. However, any meeting or discussion held pursuant to this subdivision shall take place within the jurisdiction of one of the participating local agencies and be noticed by all participating agencies as provided for in this chapter.

(4) Meet in the closest meeting facility if the local agency has no meeting facility within the boundaries of the territory over which the local agency exercises jurisdiction, or at the principal office of the local agency if that office is located outside the territory over which the agency exercises jurisdiction.

(5) Meet outside their immediate jurisdiction with elected or appointed officials of the United States or the State of California when a local meeting would be impractical, solely to discuss a legislative or regulatory issue affecting the local agency and over which the federal or state officials have jurisdiction.

(6) Meet outside their immediate jurisdiction if the meeting takes place in or nearby a facility owned by the agency, provided that the topic of the meeting is limited to items directly related to the facility.

(7) Visit the office of the local agency's legal counsel for a closed session on pending litigation held pursuant to Section 54956.9, when to do so would reduce legal fees or costs.

(c) Meetings of the governing board of a school district shall be held within the district, except under the circumstances enumerated in subdivision (b), or to do any of the following:

(1) Attend a conference on nonadversarial collective bargaining techniques.

(2) Interview members of the public residing in another district with reference to the trustees' potential employment of an applicant for the position of the superintendent of the district.

(3) Interview a potential employee from another district.

(d) Meetings of a joint powers authority shall occur within the territory of at least one of its member agencies, or as provided in subdivision (b). However, a joint powers authority which has members throughout the state may meet at any facility in the state which complies with the requirements of Section 54961.

(e) If, by reason of fire, flood, earthquake, or other emergency, it shall be unsafe to meet in the place designated, the meetings shall be held for the duration of the emergency at the place designated by the presiding officer of the legislative body or his or her designee in a notice to the local media that have requested notice pursuant to Section 54956, by the most rapid means of communication available at the time.

(Amended by Stats. 2004, Ch. 257, Sec. 1. Effective January 1, 2005.)

CHAPTER 4 MEETINGS

4.1 MEETINGS OF THE BOARD OF DIRECTORS

Compliance with the Open Meeting Law (Brown Act) or other statutory requirements regarding public meetings agendas and minutes is complex and cannot be prescribed separate from the statutory requirements. The reader of these Rules and Regulations is encouraged to use these provisions as general guidelines and to inquire about the numerous complexities provided by the Legislature of the State of California in regard to open meetings and public participation in those meetings.

A. Regular Meetings –

Regularly scheduled meetings of the Board will be held on the third Wednesdays of each calendar month at 6:30 p.m.

B. Special Meeting –

Any meeting of the Board that is held in addition to regular meetings. All Special Meetings shall be called by the Board President, the District Manager or acting District Manager, or by a majority of the directors in conformance with the Brown Act.

C. Organizational Meeting –

The meeting at which officers of the District are elected and/or appointed. The Organizational Meeting shall be held on the date and hour of its first regularly scheduled meeting in January, or at the first meeting in December following a District election.

D. Emergency Meeting –

A special meeting held as a result of unforeseen circumstances, to consider matters of an urgent or emergency nature as described by law.

E. Closed Meeting –

Part or all of a regular or special meeting or one which has been adjourned, may be closed to the public under special conditions described by law. Proper notice is still required, even if no action is taken. When action is taken, such action shall be reported as required by the Ralph M. Brown Act.

4.2 PLACE OF MEETINGS

Except as may otherwise be determined, meetings of the Board shall be held at the principal place of business of the District.

4.3. AGENDA PREPARATION

The District Secretary shall prepare Board Meeting agendas in conformance with the following guidelines:

- A. Agenda items shall be submitted to the District Secretary by Noon (12:00 pm) on Thursday preceding the following week's Board Meeting.
- B. The District Manager will coordinate with the Board members, the District Secretary, Treasurer, and staff in assembling the agenda for meetings.
- C. Agenda items submitted by District staff or the public, (excluding the District Manager), must have the District Manager and Board President's approval prior to being placed on the agenda. The public may submit a request to the District Manager or directly to the Board for future agenda items. In the Manager's absence, the Manager's designated representative may approve items for the agenda, with consent of the Board President.
- D. All items submitted for possible Board action by Board members or the public shall include a written report including the following items:
 - 1. Subject
 - 2. Name of individual submitting the item.
 - 3. Background information – an explanation of what needs to be done, why it needs to be done and the financial impacts of the proposal, if any.
 - 4. Recommendation – what action is being requested of the Board.
- E. Unfinished business should be addressed before new business unless preempted by a motion and majority vote of the Board.
- F. Agenda items shall be listed on the agenda in order of importance as determined by the District Secretary, District Manager, and Board President.
- G. Committee reports may be submitted if possible to the District Secretary by Noon (12:00 p.m.) on the Thursday preceding the following week's board meeting for inclusion into the agenda.

4.4 PUBLIC NOTICE OF MEETINGS

A. Meeting Schedule –

A schedule of the meetings of the Board shall be posted at all times in a conspicuous place at the District's principal office. The schedule of meetings shall be sent to at least one of the local newspapers, the local library, and other organizations and individuals requesting such schedule, as prescribed by law.

B. Regular Meeting –

Notice of the date, time, place and agenda for each regular meeting shall be posted at the District's principal office and sent not less than 72 hours before the beginning of the meeting to at least one of the local newspapers, the local library, and other organizations and individuals requesting such schedule, as prescribed by law.

C. Special Meeting –

A special meeting may be called at any time by the presiding officer of the Board, by delivering written notice at least 24 hours in advance to each member of the Board, and to each local newspaper of general circulation and radio or television station requesting notice in writing. Where possible, the notice described in Section 4.4 B shall be given. When circumstances require an emergency meeting, the 24 hour notice requirements may be disregarded and the best practicable notice given.

D. Meeting at a Place other than the Principal Place of Business –

Notice of a meeting to be held at a place other than the principal place of business shall be given as provided by law.

4.5 NOTICE TO DIRECTORS

- A. Notice of all regular and, when possible, special meetings of the Board shall be sent by the Secretary to all members of the Board by ordinary mail to a Director's address as it appears on the District records, unless the Director specifies a different arrangement in accordance with paragraph C, below. Such mailing shall occur at least three business days in advance of each regular meeting and shall include the date, time, and place of the meeting as well as a copy of the previous meeting's minutes and the agenda for the present meeting.
- B. Notices mailed to a Director's Paradise address and deposited before the closing time at the Paradise post office will be deemed received at the usual time on the next mail delivery day.
- C. If a Director desires to receive notices while out of town, he shall supply the Board's Secretary with one or more of the following:
 - 1. A temporary or "in care of" address within one day's delivery by ordinary surface mail or express mail.
 - 2. A telephone number at which the Director agrees to accept notices in lieu of mail or personal delivery.

3. An electronic e-mail address at which the Director agrees to accept notices in lieu of surface mail or telephonically, and agrees to accept the notice in the District's normal software application.
- D. A Director may file a written waiver of notice of special meetings in accordance with Government Code §54956.

4.6 CONDUCT OF MEETINGS

- A. All meetings of the Board shall be conducted according to the Ralph M. Brown Act. The Board prefers a flexible form of meeting, however, at times Rosenberg's Rules of Order may be instituted at the discretion of the Chair or by a majority vote of the Board. If a Director believes order is not being maintained or procedures are not adequate, then the Director should raise a point of order, not requiring a second, to the Chair. If the ruling of the Chair is not satisfactory to the Director, then it may be appealed to the Board. A quorum of the Board will govern and determine the point of order.
- B. Any Board member shall have the right to place any matter on the agenda in accordance with Section 4.3.
- C. The President will not possess the power of veto for any requested agenda item. The Board, by majority vote; may in the interest of expediency, defer certain agenda items to another meeting date.
- D. The President or Chairperson will not limit or restrict debate by Directors of items appearing on the agenda. Should circumstances suggest that Director's debate be limited on an agenda item, such debate may be limited by a majority decision of the Board.
- E. Directors shall thoroughly prepare themselves to discuss agenda items at meetings. Information that is requested by individual Directors before meetings shall be distributed through the District Manager or Chief Financial Officer, and all Directors will receive all information being distributed.
- F. Agenda Item Procedures
 1. Presentation is made by staff, consultant, or agenda item author.
 2. Staff provides comments or recommendations if they are not the presenter.
 3. Board Members ask questions for clarification.
 4. The first public participation period is open.
 - a) Public may address the Board at this time and are expected to identify themselves and the state the city of their residence.
 - b) Public may suggest questions for the Board to consider.

- c) Public comments are generally limited to five minutes per speaker, but the time may be adjusted on a particular item at the pleasure of the Board President. Board President may set an overall time limit for public comments for the agenda item. Majority board vote may override the President's established time limit.
 - d) Public members are not allowed to "defer" their time to another speaker.
 - e) Comment cards may be required for some agenda items. Comments will be allowed in the order received.
- 5. Board Members ask any additional questions and debate the item.
 - 6. Agenda Item is concluded with the lack of a motion, a motion with an approval or denial, or tabling to a future meeting.

4.7 QUORUM

Action can be taken only by vote of the majority of the Board. Three (3) Directors represent a quorum for the conduct of business. Actions taken at a meeting where only a quorum is present, therefore, require all three (3) votes to be affirmative to enact any motion (unless a "super-majority" vote is required by policy or other law). A member abstaining in a vote is considered casting in the affirmative for that vote.

Example – If three of five Directors are present at a meeting, a quorum exists and business can be conducted. However, if one Director abstains on a particular action and the other two cast "aye" votes, the motion passes.

Example – If an action is proposed requiring a two-thirds vote and two Directors abstain, the proposed action is approved because the abstaining votes are considered in the affirmative.

Example – If a vacancy exists on the Board and a vote is taken to appoint an individual to fill said vacancy, three Directors must vote in favor of the appointment for it to be approved. If two of the four directors present abstain, the appointment is approved because the abstaining votes are considered in the affirmative.

Notwithstanding the foregoing, in the event a director abstains as a result of a financial interest under Government Code § 87100 et seq., the abstaining director's vote is considered an absence of that director. However, if the director's participation is legally required for the action or decision to be made, the director may make or participate in making the decision notwithstanding the director's financial interest. An abstention by a director whose participation is legally required shall be considered a vote in favor of the majority.

A vote of the majority of the actual number of Directors in attendance shall be sufficient for a motion to adjourn or a motion to adjourn to a stated time.

4.8 NO PROXY

No Director may appoint another individual, by proxy or otherwise, to assume his responsibilities as a Director.

4.9 OPEN AND CLOSED MEETINGS; ACTIONS TAKEN

A. Open Meeting –

All meetings of the Board, except closed meetings, shall be open to the public.

B. Closed Meeting –

The District is authorized by the Ralph M. Brown Act to hold closed sessions for purposes specified in the Act. Those purposes include, for example, conferences with the District's attorney on pending litigation or whether to initiate litigation, discussions related to threats to District facilities, and some personnel matters.

C. Actions Taken –

No ordinance, resolution, rule, or regulation shall be approved at a closed meeting.

4.10 MINUTES OF MEETINGS TO BE KEPT

A. Open Meeting –

Written minutes shall be kept of all open meetings. Such minutes shall include:

1. The date, time, and place of the meeting.
2. The names of Directors present and absent.
3. The substance of all matters proposed, discussed, or decided, and a record, by individual Director, of votes taken.
4. The names, if provided, of all citizens who appeared.
5. Any other information that any Director requests be entered in the minutes.

Minutes shall not be "final" or "official" until they have been formally approved by the Board. Once approved by the Board, the official minutes shall be kept in a fireproof vault or other fire-resistant, secured cabinet. An audio tape recording of regular and special meetings of the Board will be made and retained for a minimum of three years. The recordings shall be maintained in a fire-resistant, secured environment in accordance with the District's Records Retention Policy.

B. Closed Meeting –

Detailed written minutes or tape recording shall not be required to be taken and/or maintained. Informal notes may be taken to assist in describing any required action to be reported to the public.

4.11 PUBLIC HEARING PROCEDURES

A. Public hearings before the Board shall follow procedural steps:

1. Declaration that the public hearing is open.
2. Verification that legal notification requirements have been met.
3. Staff presentation.
4. Questions by Directors.
5. President opens the public comment session.
6. Call upon individuals who have completed and submitted registration cards.
7. When no more comments are to be made, the President shall close the public comment session.
8. Staff response.
9. Questions by Directors.
10. Board discussion.
11. Board vote.
12. Motion to adjourn.

B. The following rules shall be observed during public hearings before the Board:

1. Members of the public who desire to speak may be requested to complete a registration card indicating the speaker's name, address and affiliations to the agenda item(s) (or whom he represents).
2. The Chair shall determine the order of who shall speak after reviewing the registration cards.
3. Speakers shall state their names, addresses and affiliations to the agenda item(s) (or whom they represent) before beginning their comments.

4. Speakers shall address their comments to the Chair, and they shall not debate with other meeting attendees or make personal attacks.
 5. A predetermined time limit shall be placed on speakers. A speaker cannot combine his time with another (e.g., Speaker “X” cannot give his time to Speaker “Y” so that Speaker “Y” has double the time), and the Chair will not recognize redundant speakers/comments.
 6. To permit everyone the opportunity to hear the proceedings, attendees shall be as quiet as possible.
 7. The hearing is designed for civil discussion. Therefore, attendees shall not jeer, cheer, yell out comments, or clap.
 8. Attendees shall not display any disruptive signs or distribute any inappropriate handouts or flyers in the hearing room.
 9. After the close of the public comment period, discussion shall be limited to Directors and staff.
- C. The Chair of the public hearing shall enforce the procedures and rules set forth above in subsections A and B. The Chair, at its discretion and consistent with the District’s Administrative Policies and Procedures, may take additional actions as will promote an orderly and efficient public hearing.