



# Paradise Irrigation District

6332 Clark Rd, Paradise, CA 95969 · 530-877-4971 · Fax: 530-876-0483 · [www.pidwater.com](http://www.pidwater.com)

## AGENDA

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

**WEDNESDAY, OCTOBER 20, 2021 – 6:30 PM**

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

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

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

*Meeting ID: 881 9284 1237*

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

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

1. **OPENING:**

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

2. **PUBLIC 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 3 minutes per agenda item.

- (Pg. 5-13) 3. **AB 361 and Remote Meeting Guidance** (Tom Lando): Review and consider options enacted under AB 361, "Open Meetings: State and Local Agencies: Teleconferences," regarding remotely attended public meetings. Consider adopting Resolution No. 2021-15 Authorizing Remote Meetings Consistent with AB 361). *Action may be taken. (Roll Call Vote if action taken to adopt Resolution).*

4. **CLOSED SESSION:**

- a. CONFERENCE WITH LEGAL COUNSEL – EXISTING LITIGATION (California Government Code section 54956.9 (d)(1).) Pacific Gas & Electric Company Bankruptcy Proceedings, including PID Claim Against Fire Victim Trust. Bankruptcy Case No. 19-30088 (DM).
- b. PUBLIC EMPLOYEE PERFORMANCE EVALUATION (Government Code Section 54957(b). Title: District Manager

- c. CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6.  
Agency designated Representatives: District Manager Tom Lando and Assistant District Manager Mickey Rich  
Employee Organizations: Management Unit represented by Teamsters Local 137  
General Unit represented by IBEW Local 1245

**RETURN TO OPEN SESSION:**

**5. ANNOUNCEMENT FROM CLOSED SESSION**

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

- a. Approval of Meeting Agenda Order
- (Pg. 14-18) b. Approval of Minutes for Regular Meeting of September 15, 2021
- (Pg. 19-20) c. Approval of Minutes for Special Meeting of September 27, 2021
- (Pg. 21-24) d. Approval to Authorize Mass Meter Software Import Quote from Tyler Technologies
- (Pg. 25-29) e. Approval to Purchase – Cold Planer (Asphalt Grinder)

**7. TREASURER’S UPDATE:**

- (Pg. 30-39) a. **Treasurer’s Report:** Review and acceptance of the Treasurer’s Report for the period ending September 30, 2021. *Action may be taken.*
- (Pg. 40-51) b. **Expense Approval Report:** Approval of General Fund Check Numbers 56831 through 56948 for the month of September 2021 totaling \$2,305,631.87, exclusive of voided check numbers 56856, 56946, and 56947, and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of October 2021. *Action may be taken.*

(Pg. 52-70) **8. DISTRICT MANAGER AND STAFF / ENGINEERING REPORT UPDATES:** Verbal and written report updates from staff and consultants. *Information item only.*

- a. Options Study Update
- (Pg. 52) b. Strategic Plan Progress Report
- (Pg. 53-54) c. Customer Service Activity Report
- d. Verbal Transmission & Distribution Staff Report
- (Pg. 55-58) e. Water Treatment Plant Staff Report
- (Pg. 59-62) f. Water Supply Recovery Program Update: Progress update provided by Water Works Engineers
- (Pg. 63-70) g. District Engineering Report provided by Water Works Engineers
- h. Post Fire Disaster Public Assistance & Recovery Management Services Update: Verbal update provided by Nicole Maddox – Aptim Environmental & Infrastructure.

**9. COMMITTEE REPORTS:** None to Report.

**10. UNFINISHED BUSINESS – Continued from September 15, 2021 Board of Directors Meeting:**

- (Pg. 71-75) a. **Paradise Irrigation District Grazing Forest Management Project 2021 – Cost Share Contract** (Mickey Rich): Authorize the District Manager to enter into an agreement with Hanski Family Farms, LLC for grazing services in the amount of \$8,750.00 for fuels reduction on PID-owned lands. *Action may be taken.*
- (Pg. 76-77) b. **Metered Water Consumption – Proposed Return to Monthly Billing** (Mickey Rich): Approval to return to monthly billing beginning January 1, 2022, acknowledging billing for consumption will occur as meters are installed according to the implementation schedule. *Action may be taken.*

**11. NEW BUSINESS:**

- (Pg. 78-154) a. **Reservoir B Replacement Project – CEQA** (Water Works Engineers): Adopt Resolution No. 2021-14 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. *Action may be taken. (Roll Call Vote).*

- (Pg. 155-157) b. **Almond Street Water Main Replacement – Contract Amendment No. 1** (Water Works Engineers): Approval of an additional 10% project contingency and time extension with Santos Excavating, Inc. and authorize the District Manager to execute the contract amendment. *Action may be taken.*
- (Pg. 158-162) c. **Proposed Agreement with Water Works Engineers – Capital Improvement Plan** (Tom Lando): Approval to authorize the District Manager to enter into an agreement with Water Works Engineers to develop a Capital Improvement Plan for Paradise Irrigation District for a cost not to exceed \$47,868.00. *Action may be taken.*
- (Pg. 163-168) d. **Human Resources Consulting Services – Acceptance of Amended HR Consulting Proposal** (Mickey Rich): Approval to authorize a contract with Clarity HR Consulting (formerly Brook Winter HR) to provide human resources consulting services and authorize the District Manager to execute an agreement with consultant. *Action may be taken.*
- e. **Board Workshop/Training** (Tom Lando): Consideration to set a special meeting date the first week in November to hold an informational workshop to review Board Member Roles and Responsibilities and Brown Act requirements. *Action may be taken.*

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

13. **ADJOURNMENT OF MEETING**

CONSENT CALENDAR  
REGULAR MEETING  
PARADISE IRRIGATION DISTRICT  
BOARD OF DIRECTORS

WEDNESDAY, OCTOBER 20, 2021 – 6:30 PM

- A. APPROVAL OF MEETING AGENDA ORDER
- B. APPROVAL OF MINUTES FOR REGULAR MEETING OF SEPTEMBER 15, 2021
- C. APPROVAL OF MINUTES FOR SPECIAL MEETING OF SEPTEMBER 27, 2021
- D. APPROVAL TO AUTHORIZE MASS METER SOFTWARE IMPORT QUOTE (Required Cost to Implement Water Consumption Billing):  
**Action Requested:** Authorize the District Manager to approve the quote for services with Tyler Technologies in the amount of \$9,000.00 for mass meter import into the District's billing system.
- E. APPROVAL TO PURCHASE – COLD PLANER (ASPHALT GRINDER)  
**Action Requested:** Authorize the purchase of a Caterpillar Model PC306 Cold Planer for field operations for a cost not to exceed \$25,000.00.



## PARADISE IRRIGATION DISTRICT

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

**DATE:** October 13, 2021

**TO:** Board of Directors

**FROM:** Tom Lando, District Manager  
Georgeanna Borryo, Board Secretary

**RE:** AB 361 Compliance – Brown Act/COVID-19 Teleconference and Remote Meeting Requirements  
October 20, 2021 Board of Directors Meeting

**Budgetary Impact:** None

### **Background:**

Executive Order N-29-20, issued in March of 2020, authorized exemptions to specific Brown Act requirements regarding remote meetings held during the COVID-19 pandemic. The order was later extended to September 30, 2021, by Executive Order N-08-21.

In September of 2021, California Legislature and Governor Newsom enacted AB 361, "Open Meetings: State and Local Agencies: Teleconferences." The bill amends Government Code section 54953 and clarifies Brown Act requirements regarding remotely attended public meetings as outlined in the attachments.

The enclosed guidance letter from Legal Counsel dated September 27, 2021, outlines recommendations for Boards that meet at least once every thirty days.

**Option A (Remote Meetings):** Adoption of the proposed resolution will enable Board members to attend public meetings in person or remotely as they choose. Adoption of the Resolution does not prohibit the public from attending meetings in person. Public attendance will be determined by the Board based on current conditions and health and safety considerations. As noted in the attached letter from Legal Counsel, the resolution lapses every 30 days. Therefore, following the Board's adoption of the initial resolution, the Board must then continue to re-adopt the findings made in the resolution every 30 days by a subsequent resolution to remain in effect.

When meeting under this exception (AB 361 Remote Meeting Requirements), the Board must allow the public to access the meeting remotely via the Internet or teleconference platform, must allow the public the opportunity to comment via the remote attendance platform, and may, but is not required to, provide a physical location for the public to attend and provide comment during the meeting. Also, while meeting under this exception, if the remote meeting platform or software crashes or disrupts the ability of the public to attend the meeting or offer comment, the public agency cannot take any further action on the agenda until the issue is resolved.

**Option B (In-Person Meetings):** The Board may hold in-person meetings under the traditional Brown Act requirements. Board members may not attend remotely unless notice of their location is provided in the agenda, the agenda is posted at each location, a quorum meets within the agency boundaries, and the public is allowed to attend at each noticed location. You must allow the public to attend and comment in-person, and may, but are not required to, allow the public to attend and comment via a remote meeting platform.

If the Board of Directors desires to authorize new Brown Act/COVID-19 teleconference/remote meeting rules (AB 361), the following form of motion is suggested:

“I move to adopt Paradise Irrigation District Resolution No. 2021-15 authorizing remote meetings consistent with AB 361.”

**MINASIAN, MEITH,  
SOARES, SEXTON &  
COOPER, LLP**

ATTORNEYS AT LAW  
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WILLIAM H. SPRUANCE,  
Retired  
MICHAEL V. SEXTON,  
Retired

September 28, 2021

BY EMAIL

Paradise Irrigation District  
c/o Tom Lando

Re: New Brown Act/COVID-19 Teleconference/Remote Meeting Rules (AB 361)

Dear Mr. Lando,

This month, the California legislature and governor enacted AB 361, amending the Brown Act's requirements for remotely-held meetings. The provisions of Executive Order N-29-20 which applied to remote meetings held during the COVID-19 pandemic are set to expire on September 30, 2021. For meetings held on or after October 1, 2021, local agencies will need to comply with AB 361's requirements. If the board members of your local agency wish to continue attending meetings remotely via teleconference or an Internet audio/video meeting platform, your board will need to take action as described below within 30 days of your next remotely-attended meeting, and every 30 days thereafter, to ensure that your meetings continue to be Brown Act-compliant. This letter will provide a brief summary of some of AB 361's requirements, and our recommendations to implement and comply with those requirements.

**Summary of Existing and Additional Requirements for Remote Meetings under AB 361**

Under the traditional and default Brown Act requirements, remote attendance by board members requires additional actions and considerations, including the posting of agendas at each teleconference location where a board member will be remotely present, the identification of such teleconference locations in the agenda, public access at each teleconference location, and a requirement that at least a quorum of the board be present within the boundaries of the agency.<sup>1</sup> Under the traditional and default requirements, the board must also allow the public to attend the meeting in-person, and the board may, but is not required to, allow the public access to the meeting via an Internet or teleconference platform. These requirements remain the default requirements under the Brown Act as amended, unless an emergency or public health exception applies.

<sup>1</sup> Government Code section 54953, para. (b)(3)

During a proclaimed state of emergency during which state or local officials have imposed or recommended measures to promote social distancing, a local agency can hold remote meetings without complying with the default requirements for remote attendance by board members (including the noticing of each teleconference location in the agenda, the posting of agendas at such locations, and the requirement that a quorum be physically present within the boundaries of the agency).<sup>2</sup> Within 30 days of meeting remotely under this exception, and every 30 days thereafter while the board continues to meet remotely pursuant to an emergency, the board must make the following findings by majority vote:

- 1) The legislative body [board] has reconsidered the circumstances of the state of emergency; and
- 2) Either:
  - a. The state of emergency continues to directly impact the ability of the members to meet safely in person; or
  - b. State or local officials continue to impose or recommend measures to promote social distancing.

When meeting under this exception, the board must allow the public to access the meeting remotely via the Internet or teleconference platform, must allow the public the opportunity to comment via the remote attendance platform, and may, but is not required to, provide a physical location for the public to attend and provide comment during the meeting. Also, while meeting under this exception, if the remote meeting platform or software crashes or disrupts the ability of the public to attend the meeting or offer comment, the functionality must be restored before the board may take any action on agenda items.

## **Recommendations**

### **Boards that meet at least once every 30 days**

Option A (Remote Meetings): If your board meets at least every 30 days, and any of your board members wish to continue meeting remotely, your board should pass an initial resolution by majority vote, making the required findings of emergency and social distancing measures and authorizing remote meetings pursuant to Government Code section 54953, paragraph (e). A sample Initial Resolution is attached. This resolution must be passed no later than 30 days after your first remote meeting held following the September 30 expiration of Executive Order N-29-20. Accordingly, we recommend passing this resolution at your next October meeting. Your

<sup>2</sup> In addition to this pandemic-related exception, AB 361 provides a general emergency-related exception when the meeting takes place during a proclaimed state of emergency and the board finds that “meeting in person would present imminent risks to the health or safety of attendees.” A board may also hold a remote meeting for the purpose of determining if an emergency/public health exception applies. (Government Code section 54953, para. (e)(1).)



RESOLUTION NO. 2021-15

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PARADISE IRRIGATION DISTRICT AUTHORIZING REMOTE MEETINGS CONSISTENT WITH AB 361

WHEREAS, the Paradise Irrigation District (“District”) is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of Paradise Irrigation District’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District’s legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote participation in meetings by members of a legislative body by audio or video or both, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition of remote meetings is a declaration of a state of emergency by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, such conditions now exist in the District, specifically, on March 4, 2020 the Governor proclaimed State of Emergency to exist in California due to the COVID-19 pandemic, which proclamation is still active; and

WHEREAS, state and local officials have recommended social distancing measures, including masks, to slow the spread of COVID-19 and the contagious Delta variant, and to protect the vulnerable and immunocompromised members of the community; and

WHEREAS, the Board does hereby find that the state of emergency continues to directly impact the ability of members to meet in-person; and

WHEREAS, as a consequence of the State of Emergency and recommended social distancing measures, the Board of Directors does hereby find that the legislative bodies of Paradise Irrigation District shall conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the public may attend meetings and comment by calling in or by using the Zoom platform as described in meeting agendas.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF PARADISE IRRIGATION DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Ratification of Governor’s Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California’s Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 3. Remote Teleconference Meetings. The District Manager, Secretary, and legislative bodies are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, conducting open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 4. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) 30 days from adoption of this Resolution or (ii) such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the District’s legislative bodies may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of Paradise Irrigation District, this 20th day of October, 2021, by the following vote:

AYES:  
NOES:  
ABSENT:  
ABSTAIN:

PARADISE IRRIGATION DISTRICT

ATTEST:

\_\_\_\_\_  
Shelby Boston  
President, Board of Directors

\_\_\_\_\_  
Georgeanna Borrayo  
Secretary, Board of Directors

RESOLUTION NO. 2021-XX (SUBSEQUENT)

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE PARADISE IRRIGATION DISTRICT RE-AUTHORIZING REMOTE MEETINGS CONSISTENT WITH AB 361

WHEREAS, the Paradise Irrigation District (“District”) is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of Paradise Irrigation District’s legislative bodies are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District’s legislative bodies conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provisions for remote participation in meetings by members of a legislative body by audio or video or both, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition of remote meetings is a declaration of a state of emergency by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted a Resolution, Number [ENTER RESOLUTION NUMBER HERE] on October \_\_, 2021, finding that the requisite conditions exist for the District’s legislative bodies to conduct remote meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency; and the Board of Directors has done so; and

WHEREAS, emergency conditions persist in the District, specifically, on March 4, 2020 the Governor proclaimed State of Emergency to exist in California due to the COVID-19 pandemic, which proclamation is still active; and

WHEREAS, state and local officials have recommended social distancing measures, including masks, to slow the spread of COVID-19 and the contagious Delta variant, and to protect the vulnerable and immunocompromised members of the community; and

WHEREAS, the Board does hereby find that the state of emergency continues to directly impact the ability of members to meet in-person; and

WHEREAS, as a consequence of the State of Emergency and recommended social distancing measures, the Board of Directors does hereby find that the legislative bodies of Paradise Irrigation District shall continue to conduct their meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the public may attend meetings and comment by calling in or by using the Zoom platform as described in meeting agendas.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF PARADISE IRRIGATION DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Re-ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 3. Remote Teleconference Meetings. The District's General Manager, Secretary, and legislative bodies are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 4. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) 30 days from adoption of this Resolution or (ii) such time the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the District's legislative bodies may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of Paradise Irrigation District, this [REDACTED] day of [REDACTED], 2021, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

MINUTES

REGULAR MEETING  
BOARD OF DIRECTORS  
PARADISE IRRIGATION DISTRICT  
SEPTEMBER 15, 2021

The regular meeting of the Board of Directors of the Paradise Irrigation District (PID) was called to order at 6:30 p.m. by President Shelby Boston, followed by the Pledge of Allegiance to the Flag of the United States of America and a video update discussion by District Manager Tom Lando regarding the future of PID.

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 Miranda Hillskemper, Administrative Assistant Sarah Fenton, and Secretary Georgeanna Borrayo

ALSO PRESENT: PID Legal Counsel Dustin Cooper, Consultants Sami Kader with Water Works Engineers, Nicole Maddox with APTIM, and members of the public.

No public comments were received.

PUBLIC PARTICIPATION

Following public participation, President Boston announced the Board will adjourn to closed session to discuss agenda item 3.a. As there were no public comments regarding closed session, the Board adjourned to closed session at 6:45 p.m. to discuss the following:

CLOSED SESSION  
(Item 3.a.)

3.a. CONFERENCE WITH LABOR NEGOTIATORS (Government Code § 54957.6):

PID Labor Negotiator: Tom Lando, District Manager & Mickey Rich, Assistant District Manager

Employee Organizations: Management Unit represented by Teamsters Local 137 & General Unit represented by IBEW Local 1245

President Boston reconvened the regular meeting at 6:52 p.m. and announced direction has been given to PID Labor Negotiator regarding closed session agenda item 3.a. above.

CLOSED SESSION ANNOUNCEMENT  
(Item 4)

It was further reported agenda item 11.c., COVID-19 Workplace Plan Guidelines, will be tabled for discussion at a future meeting.

Board members reviewed consent calendar items as follows:

5.a. Approval of Meeting Agenda Order

5.b. Approval of Minutes: Regular Meeting of August 18, 2021

5.c. Accept Update to PID Standards for Customer Service Laterals and Backflows – PID Standard Details PID-05, PID-06, and PID-15

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

CONTINUED –  
CONSENT  
CALENDAR  
APPROVED

It was moved by Director Sulik and seconded by Director Hinman to approve the consent calendar.

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

**Motion passes 5-0**

PID WATER  
RIGHTS  
OVERVIEW &  
DISCUSSION OF  
INTERTIE  
(INFORMATION  
ITEM ONLY)  
(Item 6.a.)

Dustin Cooper, District Counsel for Paradise Irrigation District, provided an overview and summary of Water Rights and Water Transfer Protections, as well as a summary regarding the District's Revenue Backfill Request following the 2018 Camp Fire.

Paradise Irrigation District received \$14,748,660 in revenue backfill representing 2 years of operating expenses with the disbursement of these funds contingent on the district agreeing to participate in a feasibility study to examine the possibility of consolidating the district's operations with one or more neighboring water districts. Ultimately, the residents of Paradise through the elected Paradise Irrigation District Board of Directors will determine what option or options are best suited for the community. PID is currently participating in an Options Study and a Draft Options Identification Report has been released by the Consultant, GEI, on September 8, 2021.

**Information item only; no Board action taken.**

BUTTE COUNTY  
FIRE SAFE  
COUNCIL GRAZING  
PROJECT – FUELS  
MANAGEMENT  
SHARE OF COST  
FOR MAGALIA  
RESERVOIR  
(Item 6.b.)

Board members considered a proposal and Memorandum of Understanding presented by the Butte County Fire Safe Council to partner with PID in a 50/50 cost share agreement for fuels reduction via goat grazing on 100 acres of PID watershed. The District's cost share is \$17,500.

Board members discussed cost considerations and financial obligations of the District at this time, further review of the agreement with Legal Counsel and a more detailed map showing the proposed grazing area.

It was moved by Director Hinman and seconded by President Boston to table this agenda item for further review and information.

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

**Motion passes 5-0**

BOARD RECESS

President Boston called for a board recess at 8:21 p.m.

MEETING  
RECONVENED

President Boston reconvened the regular meeting at 8:27 p.m.

CANDIDATES FOR  
THE OFFICE OF  
ACWA PRESIDENT  
& VICE PRES.,  
2022-2023  
ELECTED TERM  
(Item 6.c.)

Staff reported information presented in the agenda packet represents the three candidates seeking the office of Association of California Water Agencies (ACWA) President and Vice President for the 2022-2023 elected term. Cathy Green, candidate for ACWA Vice President (Orange County Water District) and Pamela Tobin, candidate for ACWA President (San Juan Water District), joined the meeting remotely via the Zoom conference platform to share information about their background and request the district's support.

It was moved by Director Hansen and seconded by Director Shaw to adopt Resolution No. 2021-12 to nominate and support Pam Tobin as a candidate for the position of ACWA President.

Directors' votes were polled as follows by roll call:

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

**Motion passes 5-0**

It was moved by Director Hansen and seconded by Director Shaw to adopt Resolution No. 2021-13 to nominate and support Cathy Green as a candidate for the position of ACWA Vice President. Directors' votes were polled as follows by roll call:

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

**Motion passes 5-0**

Board members reviewed a written Treasurer's Report presented by Finance & Accounting Manager Miranda Hillskemper for the period ending August 31, 2021 highlighting the District's cash position, debt service analysis, operational overview, and recovery funding.

It was moved by Director Hansen and seconded by Director Hinman to accept the Treasurer's Report for the period ending August 31, 2021 as presented.

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

**Motion passes 5-0**

Board members reviewed accounts payable expense reports for the month of August 2021. It was moved by Director Shaw and seconded by Director Hinman to approve General Fund check numbers 56637 through 56814 for the month of August 2021 totaling \$868,310.81, exclusive of voided check numbers ~~5565856658, 55617 and 55624,~~ and authorization of a similar amount allowing or adjusting for extraordinary budget or Board approved items during the month of September 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 commented on the following: 1) The Draft Paradise Community Drinking Water Supply Options Study is available to view on the District's website. The Report outlines the PID Option Study goal, objectives, and list of options for further consideration. A community-wide informational meeting will be held September 30, 2021 from 6-8 p.m. in the PID Board Room; and 2) A number of people have requested that PID provide potable water out of District. At the present time, this is not allowed by state law. The Butte Local Agency Formation Commission would have to approve an extraterritorial agreement and the PID Board would have an opportunity to consider establishing a policy, which would also include adopting an appropriate fee to ensure PID customers are not subsidizing this service.

CONTINUED:

CANDIDATES FOR  
ACWA PRESIDENT

AND

ACWA  
VICE PRESIDENT

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

EXPENSE  
APPROVAL  
REPORT FOR THE  
MONTH OF  
AUGUST 2021  
(Item 7.b.)

INFORMATIONAL  
PID STAFF AND  
CONSULTANT  
REPORT UPDATES  
(Item 8.a. – 8.i.)

CONTINUED:  
WATER SUPPLY  
RECOVERY  
PROGRAM AND  
DISTRICT  
ENGINEERING  
REPORT UPDATE

Engineering Consultant Sami Kader 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. The Meter Installation and Service Lateral Replacement project increased the pace of installation in August with 73 completed by RCI prior to month's end. The goal is to have the first 200 meters up and running in October for initial testing.

FEMA PROJECT  
STATUS REPORT  
UPDATE

Consultant Nicole Maddox with Aptim Environmental & Infrastructure provided a FEMA Project Status Report update regarding Public Assistance and Disaster Recovery Management Services in support of the recovery efforts.

COMMITTEE  
REPORTS

No committee updates to report.

UNFINISHED  
BUSINESS

No unfinished business to report.

NEW BUSINESS:

Board members reviewed proposed changes to the District's fee schedule regarding Construction Water and Backflow Fees as follows:

PROPOSED  
AMENDMENT TO  
PID SCHEDULE OF  
FEES & CHARGES  
(Item 11.a.)

Construction Water:

Hydrant deposit from: \$1,000 To: \$2,000

Cost of Water from: 2 x highest water rate To: 3 x highest water rate

Unauthorized Taking of Water Penalty – 2<sup>nd</sup> offense: From: \$1,000 To: \$2,000

Backflow Fees:

Addition of a Private Backflow New Installation Fee: \$70

It was moved by Director Hinman and seconded by Director Sulik to authorize the proposed changes to the Paradise Irrigation District Schedule of Fees and Charges effective October 15, 2021.

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

NOES: None

ABSENT: None

**Motion passes 5-0**

METERED WATER  
CONSUMPTION –  
PROPOSED  
RETURN TO  
BILLING  
(Item 11.b.)

Assistant District Manager Mickey Rich reported this agenda item is to consider the billing schedule and approach for timing of metered water consumption. A tentative schedule for billing metered water consumption is proposed in the agenda packet and allows for 3 "mock" billing cycles to occur before customers receive their first metered bills, as well as software implementation, training, testing, and notice to customers.

Board members concurred they would like to roll out billing as soon as possible and would like to discuss a possible change from bi-monthly billing to monthly billing at the next Board meeting. Staff will further evaluate the option to change from bi-monthly to monthly billing and present information for discussion at a future meeting.

COVID-19 –  
WORKPLACE PLAN  
GUIDELINES  
(Item 11.c. TABLED)

President Boston confirmed agenda item 11.c., COVID-19 Workplace Plan Guidelines, has been tabled for discussion at a future meeting as reported at the beginning of the meeting this evening under item 4 on page one.

Assistant District Manger Mickey Rich presented a recommendation to amend the 2021-2022 Wise Water Use Guidelines. On June 21, 2021 the Board adopted the 2020 Urban Water Management Plan with an updated Water Shortage Contingency Plan. The new plan lists additional options the Board could choose to include in its Wise Water Use Guidelines. Staff recommends the Board approve all mitigation options for level 1 water shortage.

2021 WISE WATER  
USE GUIDELINES  
(Item 11.d.)

It was moved by Director Hansen and seconded by Director Hinman to approve the proposed changes to the 2021 Wise Water Use Guidelines.

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

NOES: None

ABSENT: None

**Motion passes 5-0**

Director Hinman: Thanked PID staff for the redesign of the business cards and noted today is the first day of Hispanic Heritage month.

DIRECTORS'  
COMMENTS

Director Sulik: Expressed appreciation to District Manager Tom Lando and Assistant District Manager Mickey Rich for their recent work on community relation matters.

Director Hansen: Commented in reference to integrity in journalism and how recent information presented by an outside source was not fact-checked.

Director Boston: Expressed appreciation to PID staff, indicating she and Director Hansen are committed to meeting with staff. Also commented on an earlier grant received from the North Valley Community Foundation to purchase water jugs for community members and indicated that perhaps the District can write another grant for submittal to receive funding for 200 water jugs.

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 9:52 p.m.

ADJOURNMENT OF  
MEETING

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

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

MINUTES

SPECIAL MEETING  
BOARD OF DIRECTORS  
PARADISE IRRIGATION DISTRICT  
SEPTEMBER 27, 2021

The special meeting of the Board of Directors of the Paradise Irrigation District was called to order at 4:30 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, Vice-President Dan Hansen, and President Shelby Boston (Director Hinman participating remotely via Zoom video conferencing)

ROLL CALL

BOARD MEMBERS ABSENT: Director Brian Shaw

STAFF PRESENT: District Manager Tom Lando, Assistant District Manager Mickey Rich, Finance & Accounting Manager Miranda Hillskemper, Assistant Engineer Blaine Allen, Administrative Assistant Sarah Fenton, and Secretary Georgeanna Borrayo

No public comments were received.

PUBLIC PARTICIPATION

Assistant District Manager Mickey Rich reported the proposed Utility Locator classification presented for consideration is long-term temporary; anticipated to be needed until the end of 2024. On average, PID receives 1,500 underground service alerts (USAs), which require manpower to go out and mark the location. Currently, the District cannot keep up with the demand for USA marking. PG&E has agreed to pay PID for one employee, plus overhead, at a rate of \$16,500.00 per month to mark their projects. Additional funding is available through FEMA for a second Utility Locator who will be responsible for completing USAs for PID projects.

UTILITY LOCATOR CLASSIFICATION – LONG TERM TEMPORARY (Item 3.)

It was moved by Director Hansen and seconded by Director Hinman to approve the Utility Locator classification and authorize the District Manager to finalize the job description and pay range with IBEW to recruit for two Utility Locators subject to approval and execution of an Agreement with PG&E to cover the cost agreed upon.

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

**Motion passes 4-0**

Assistant District Manager Mickey Rich confirmed this agenda item is contingent upon PID entering into an agreement with PG&E for Utility Locator, indicating the Utility Locator position will need a crew cab to safely transport utility marking equipment. The District's Mechanic contacted the two State pricing vehicle vendors and has provided the following quotes good for up to a year.

APPROVAL OF PURCHASE – SERVICE TRUCKS (Item 4.)

2022 Ford F150 \$32,079.92  
2022 Chevy Silverado \$35,193.89

CONTINUED –  
APPROVAL OF  
PURCHASE –  
SERVICE TRUCKS

The funding for this purchase will come from both the sale of surplus vehicles in 2022 and the overhead provided through the PG&E Agreement for Utility Locator.

It was moved by Director Sulik and seconded by Director Hansen to approve the purchase of two extended cab service trucks for an amount not to exceed \$75,000.00.

AYES: Directors Hinman, Hansen, Sulik, and Boston

NOES: None

ABSENT: Director Shaw

**Motion passes 4-0**

BOARD MEMBER  
ROLES &  
RESPONSIBILITIES  
& BROWN ACT  
REQUIREMENTS  
(Item 5)

District Manager Tom Lando reported staff would like to coordinate a board workshop/training opportunity and indicated PID staff will speak to Legal Counsel to see when they are available to present information at a future special meeting of the Board of Directors.

*Informational item only; no Board action taken.*

DIRECTORS'  
COMMENTS  
(Item 5.)

Director Hinman commented he was running a little behind schedule this evening due to his flight being delayed.

Director Sulik welcomed Blaine Allen as the new Assistant Engineer with PID.

ADJOURNMENT OF  
MEETING

There being no further business, it was moved by President Boston to adjourn the meeting. The special meeting of the PID Board of Directors was adjourned at 4:57 p.m.

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

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

DATE: October 20, 2021  
TO: Board of Directors  
FROM: Mickey Rich, Assistant District Manager  
SUBJECT: Authorization for Mass Meter Software Import Quote

Is this a budgeted item? **QUALIFIES FOR FEMA REIMBURSEMENT**

**Recommendation:**

Authorize District Manager to approve the attached quote for services from Tyler Technologies for \$9,000.00 for mass meter import into our billing system. Any additional meters added through this mechanism will be billed at \$2.00 each.

This is a required cost to implement water consumption billing.



Quoted By:  
 Quote Expiration:  
 Quote Name:

Dylan Schwantes  
 4/11/22  
 Mass Meter Swap

**Sales Quotation For:**

Paradise Irrigation District  
 6332 Clark Rd  
 Paradise CA 95969-4146  
 +1 (530) 876-2040

**Services**

Description	Hours/Units	Price	Discount	Extended Price	Maintenance
<b>Other Services</b>					
Mass Meter Swap - Water	4500	\$ 9,000	\$ 0	\$ 9,000	\$ 0
<b>TOTAL:</b>		<b>\$ 9,000</b>	<b>\$ 0</b>	<b>\$ 9,000</b>	<b>\$ 0</b>

**Summary**

Total Tyler Services

**One Time Fees**

\$ 9,000

**Recurring Fees**

\$ 0

**Summary Total**

**\$ 9,000**

**Contract Total**

**\$ 9,000**

## Comments

- Some services may be delivered remotely via web-based training.
- Expenses associated with onsite services are invoiced as incurred according to Tyler's standard business travel policy.

SaaS is considered a term of one year unless otherwise indicated.

Client agrees that items in this sales quotation are, upon Client's signature or approval of same, hereby added to the existing agreement ("Agreement") between the parties and subject to its terms. Additionally, payment for said items, as applicable but subject to any listed assumptions herein, shall conform to the following terms, subject to payment terms in an agreement, amendment, or similar document in which this sales quotation is included:

- License fees for Tyler and third-party software are invoiced upon the earlier of (i) delivery of the license key or (ii) when Tyler makes such software available accessible.
- Fees for hardware are invoiced upon delivery.
- Fees for year one of hardware maintenance are invoiced upon delivery of the hardware.
- Annual Maintenance and Support fees, SaaS fees, Hosting fees, and Subscription fees are first payable when Tyler makes the software accessible to the Client (for Maintenance) or on the first day of the month following the date this quotation was signed (for SaaS, Hosting, and Subscription), and any such fees are prorated to align with the applicable term under the agreement, with renewals invoiced annually thereafter in accord with the Agreement.
- Fees for services included in this sales quotation shall be invoiced as indicated below.
  - o Implementation and other professional services fees shall be invoiced as delivered.
  - o Fixed-fee Business Process Consulting services shall be invoiced 50% upon delivery of the Best Practice Recommendations, by module, and 50% upon delivery of custom desktop procedures, by module.
  - o Fixed-fee conversions are invoiced 50% upon initial delivery of the converted data, by conversion option, and 50% upon Client acceptance to load the converted data into Live/Production environment, by conversion option. Where conversions are quoted as estimated, Tyler will invoice Client the actual services delivered on a time and materials basis.
  - o Except as otherwise provided, other fixed price services are invoiced upon complete delivery of the service. For the avoidance of doubt, where "Project Planning Services" are provided, payment shall be invoiced upon delivery of the Implementation Planning document. Dedicated Project Management services, if any, will be invoiced monthly in arrears, beginning on the first day of the month immediately following initiation of project planning.
  - o If Client has purchased any change management services, those services will be invoiced in accordance with the Agreement.
  - o Notwithstanding anything to the contrary stated above, the following payment terms shall apply to fees specifically for migrations: Tyler will invoice Client 50% of any Migration Services Fees listed above upon Client approval of the product suite migration schedule. The remaining 50%, by

line item, will be billed upon the go-live of the applicable product suite. Tyler will invoice Client for any Project Management Fees listed above upon the go-live of the first product suite. Annual SaaS Fees will be invoiced upon availability of the hosted environment.

Any SaaS or hosted solutions added to an agreement containing Client-hosted Tyler solutions are subject to Tyler’s SaaS Services terms found here: <https://www.tylertech.com/terms/tyler-saas-services>.

Unless otherwise indicated in the contract or amendment thereto, pricing for optional items will be held For six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Print Name: \_\_\_\_\_ P.O.#: \_\_\_\_\_



## 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."*

*Please consider how this agenda item relates to our mission.*

**TO: Board of Directors**  
**FROM: Peter Grout, Field Superintendent**  
**DATE: Oct 14,2021**  
**RE: Approval to Purchase – Cold Planer (Asphalt Grinder)**  
**Consent Agenda Item, 10/20/21 Board of Directors Meeting**

Is this a Budgeted item? Yes, this is a budgeted item; estimated cost is \$22,882.86.

The cold planer (asphalt grinder) the District had was lost in the fire. This piece of equipment was an important part in our field operations. It was mainly used on our pipeline projects due to the long distance of excavation and also around town for asphalt repair.

The particular unit we are looking at now is a smaller unit than we had before. The grinder we had previously, would attach to the big Loader. This unit attaches to the skid steer which would be more versatile and allow crews to use when crossing roadways for service line replacement, but it can still handle long pipeline projects as well.

Having this piece of equipment would speed up the process when we need to excavate in the roadway. Safety is always number one and this equipment would prevent crews from having to spend hours at a time operating a 90 lb. jack hammer which has caused several injuries throughout the years.

The cold planer would benefit the district in many ways with the workload we have now and in the future. We are asking for a Caterpillar cold planer because that is the brand of skid steer the district has and they are brand specific for the control boards and are not universal.

Action Requested:

“Authorize the purchase of a Caterpillar Model PC306 Cold Planer for field operations for a cost not to exceed \$25,000.”





September 9, 2021

**PARADISE IRRIGATION DIST**  
6332 CLARK ROAD  
PARADISE  
California  
95969

**RE: Quote 195531-01**

Dear Sir,

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

One (1) New Caterpillar Model: PC306 Work Tools

**STOCK NUMBER:** NW14542

**SERIAL NUMBER:** 0ERC01214

**MACHINE SPECIFICATIONS**

COLD PLANER

529-5790

---

<b>SELL PRICE</b>	<b>\$18,219.10</b>
<b>NET BALANCE DUE</b>	<b>\$18,219.10</b>
<b>SALES TAX (7.25%)</b>	<b>\$1,320.88</b>
<b>AFTER TAX BALANCE</b>	<b>\$19,539.98</b>

---

**WARRANTY**

Standard Warranty: 24 Months, 2000 Hours Standard Warranty

F.O.B/TERMS: Chico

Accepted by \_\_\_\_\_ on \_\_\_\_\_

\_\_\_\_\_  
Signature

This Quote is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Travis Boyan  
Machine Sales Representative  
Peterson CAT  
(530) 990-0961  
TLBoyan@petersoncat.com



September 15, 2021

PARADISE IRRIGATION DISTRICT
Account # NON-DBS
6332 Clark Rd,
Paradise, CA 95969
Attention: JASON COOPER

New Caterpillar Model: WT-SSL Work Tools with all standard equipment in addition to the additional specifications listed below:

STOCK NUMBER: SERIAL NUMBER: YEAR: SMU:

ADDITIONAL SPECIFICATIONS

Table with 4 columns: Reference #, Description of Material and Equipment, Reference #, Description of Material and Equipment. Row 1: 529-5790, COLD PLANER, PC306

WARRANTY INFORMATION

Standard Warranty: 12 months / unlimited hours

Summary table with 2 columns: Item, Amount. Rows: SELL PRICE (\$21,336.00), NET BALANCE DUE (\$21,336.00), SALES TAX (7.75%) (\$1,653.54), AFTER TAX BALANCE (\$22,989.54)

F.O.B/TERMS: EMD - PLEASANT GROVE 7518

This quote is good for (30) days. Any machine quoted outside of HOLT of CALIFORNIA's inventory is subject to revision All quotes are subject to credit approval and prior sale. Any quoted interest rates are subject to change without notice. Quote is void unless machine is delivered, and remains, within HOLT of CALIFORNIA's Dealership territory for two years or unless the machine has at least 1000 hours if delivered outside of Holt's territory.

THE ADDITIONAL TERMS AND CONDITIONS ON THE REVERSE SIDE ARE PART OF AND INCORPORATED IN THIS AGREEMENT. THIS AGREEMENT SHALL NOT BE CONSIDERED ENFORCEABLE UNTIL ACCEPTED BY HOLT AND EXECUTED BY ITS OFFICE. ANY INDIVIDUAL SIGNING THIS AGREEMENT REPRESENTS AND WARRANTS THAT HE/SHE IS AT LEAST 18 YEARS OLD AND HAS THE AUTHORITY TO BIND CUSTOMER TO THE TERMS OF THE AGREEMENT.

Accepted by \_\_\_\_\_ (Please Print)

Date, \_\_\_\_\_

Signature \_\_\_\_\_



# Paradise Irrigation District

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

## Treasurer's Report – September 2021

1. **Cash Position** – At 09/30/2021 the District's total cash position was \$10,206,208.
2. **Debt Service Analysis**
  - a. Through 09/30/2021 the District has paid one debt payment totaling \$122,147.
  - b. The District's total outstanding debt is \$4,757,748.
    - i. IBank \$1,053,395
    - ii. Capital One \$1,542,853
    - iii. BB&T \$1,979,500

## **Operational Overview and Highlights – FY 2021/22**

### **3. Revenues**

- a. Through 09/30/21 the District has processed approximately 1,763 customer requests to permanently disconnect services. Approximately 78 previously disconnected customers have returned to sealed or active service during September 2021.
- b. Through 09/30/21 the District has returned approximately 4,105 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. We have 4815 customers on our sealed rate.
- c. The District is collecting fees for Interim Water Supply installation. Through 09/30/21, the District has processed 164 requests during the current fiscal year for Interim Water Supply and has collected \$27,374 in related fees.
- d. The District is collecting service fees for Residential Fire Flow testing. Through 09/30/21, the District has processed 94 requests during the current fiscal year for Residential Fire Flow testing and has collected \$12,891 in related fees.

### **4. Expenses**

- a. We did see an increase in expenses this month as the Meter Project invoices begin to come in.
- b. We had one debt payment in September.



# Paradise Irrigation District

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

## 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 09/30/21, the District has not received any FEMA/CalOES reimbursements for this fiscal year. Staff continues to work with APTIM to complete all needed documents for FEMA/ CalOES reimbursements.
    - b. Staff is actively working with APTIM to submit for reimbursement for various FEMA Projects.
    - c. Staff is actively working to submit reimbursement for Mutual Aid for Dixie Fire related work.
  2. **Additional Supplemental Appropriations for Disaster Relief (ASADRA)**
    - a. The District is continuing to work with the water Board, APTIM, and Water Works to complete all requirements and questions of the ASADRA application.
  3. **District Fencing Insurance Claim**
    - a. Staff is actively collecting bids from contractors for repairs of all the district fencing damaged in the 2018 Camp Fire.
  4. **Water Treatment Plant Exterior Damage Insurance Claim**
    - a. Staff is actively collecting bids from contractors for damages to the exterior of the water treatment plant building due to the 2018 Camp Fire.
  5. **Meter Damage Insurance Claim**
    - a. Staff is actively working with Insurance to close out the claim for damaged meters due to the 2018 Camp Fire.

Paradise Irrigation District  
September 30, 2021  
Financial Summary

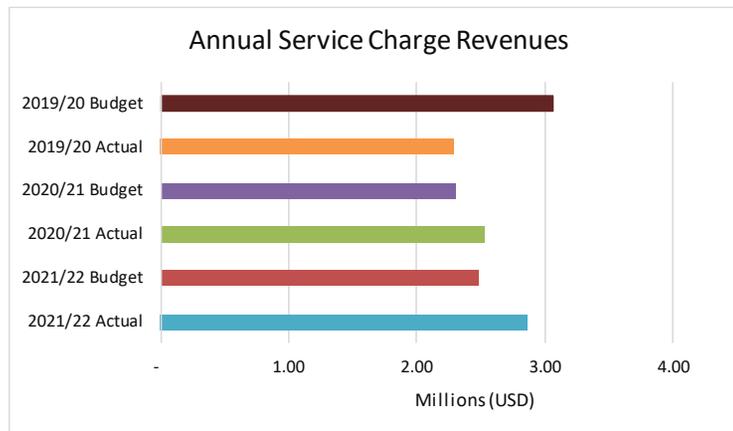
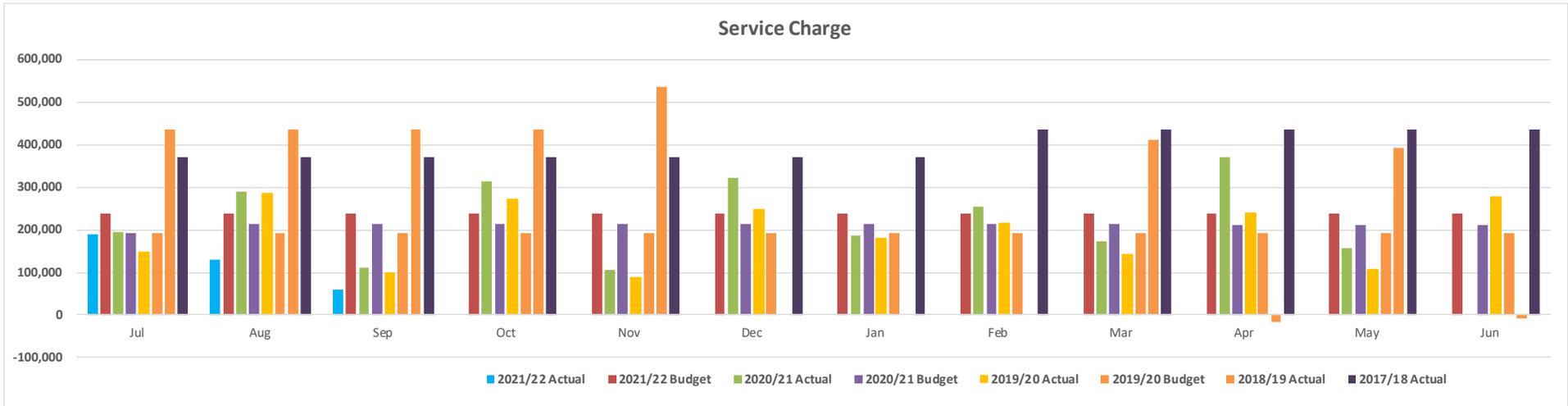
	2019/20 Estimate Update	2019/20 Actual	2020/21 Estimate Update	2020/21 Actual	2021/22 Estimate	2021/22 Actual
<b>REVENUES:</b>						
Water Sales	2,301,554	2,311,794	2,534,844	2,793,089	2,889,235	396,131
Outside Water Sales	100,000	105,338	100,000	118,909	100,000	58,921
Other	1,019,240	1,060,600	616,160	655,710	63,780	55,579
Interest	60,000	93,111	60,000	85,927	35,000	9,589
Taxes - 1%	300,000	380,185	250,000	432,366	250,000	64,115
FMV Gain/Loss - Securities	-	(427)	-	(319)	-	-
Grant Rev	25,500	25,500	25,000	293,742	-	822
Inc-Save-A-Can/Buy-A-Fish	-	-	-	-	-	-
Inc-Capacity Fees	13,000	16,252	150,000	171,285	-	11,669
Revenue - PFD	50,000	54,372	50,000	62,621	50,000	24,979
<b>Total Revenue</b>	<b>3,869,294</b>	<b>4,046,725</b>	<b>3,786,004</b>	<b>4,613,331</b>	<b>3,388,015</b>	<b>621,806</b>
<b>EXPENDITURES:</b>						
Operating	6,051,705	5,260,887	6,140,640	5,468,220	6,552,418	1,386,978
Pipeline	-	-	-	-	-	-
Debt Service	841,723	841,723	936,174	936,174	1,096,701	122,147
PFD	-	34,043	-	57,704	-	-
<b>Total Expenditures</b>	<b>6,893,428</b>	<b>6,136,653</b>	<b>7,076,814</b>	<b>6,462,098</b>	<b>7,649,119</b>	<b>1,509,125</b>
<b>Increase/(Decrease) in Cash before Recovery, Debt Proceeds, and Capital Improvements</b>	<b>(3,024,134)</b>	<b>(2,089,927)</b>	<b>(3,290,810)</b>	<b>(1,848,766)</b>	<b>(4,261,104)</b>	<b>(887,319)</b>
Debt Proceeds	-	76,922	-	-	-	-
<b>Increase/(Decrease) in Cash before Recovery and Capital Improvements</b>	<b>(3,024,134)</b>	<b>(2,013,005)</b>	<b>(3,290,810)</b>	<b>(1,848,766)</b>	<b>(4,261,104)</b>	<b>(887,319)</b>
FEMA Reimbursements	2,625,000	159,961	3,386,630	2,390,485	13,059,640	-
Insurance Proceeds	4,080,000	4,084,707	5,000,000	5,068,231	3,000,000	28,066
State Funding	7,374,000	7,374,330	7,374,000	7,374,330	-	-
PGE Locating Reimbursements	150,000	-	300,000	59,627	300,000	-
Other Recovery Grants	-	-	-	-	10,370,139	-
<b>Cash Available for Recovery/Capital Projects</b>	<b>14,229,000</b>	<b>11,618,998</b>	<b>16,060,630</b>	<b>14,892,673</b>	<b>26,729,780</b>	<b>28,066</b>
<b>Cash Available for Recovery/Capital Projects</b>	<b>11,204,866</b>	<b>9,605,993</b>	<b>12,769,820</b>	<b>13,043,906</b>	<b>22,468,675</b>	<b>(859,252)</b>
Major Capital/Recovery Projects	(6,450,000)	(6,414,054)	(10,620,272)	(389,853)	(27,790,671)	(2,476,625)
Minor Capital Projects	-	-	(649,541)	-	(502,889)	-
<b>Increase/(Decrease) in Cash</b>	<b>4,754,866</b>	<b>3,191,938</b>	<b>1,500,007</b>	<b>12,654,054</b>	<b>(5,824,885)</b>	<b>(3,335,878)</b>
<b>Beginning Cash Balance</b>	<b>4,043,797</b>	<b>4,043,797</b>	<b>7,235,736</b>	<b>7,235,736</b>	<b>19,889,790</b>	<b>13,542,086</b>
<b>Ending Cash Balance</b>	<b>8,798,664</b>	<b>7,235,736</b>	<b>8,735,743</b>	<b>19,889,790</b>	<b>14,064,905</b>	<b>10,206,208</b>

Paradise Irrigation District  
September 30, 2021  
Revenue Summary

	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate Update	FY 2020/21 Actual	FY 2021/22 Estimate	FY 2021/22 Actual
<b><u>General Fund/Operating</u></b>						
Water - Service	2,295,054	2,303,549	2,534,844	2,323,285	2,869,235	380,011
Water - Consumption	-	(918)	-	(44)	-	-
Water - Fees & Adjustments	6,500	9,164	-	140	20,000	16,120
Outside Water Sales	100,000	105,338	100,000	118,909	100,000	58,921
Meter Revenue	861,300	868,678	510,300	287,327	-	(24,266)
Recreation & Boating Permits	10,000	17,508	-	165	-	-
Backflow Check	4,000	560	-	-	-	-
Rents	15,180	15,496	24,180	17,386	24,180	5,280
Revenue - Surplus Property	-	-	-	-	-	-
Escrow Fees	5,000	-	-	-	-	-
Annexation	-	-	-	-	-	-
Custom Work/PFD Reimbursement	123,760	83,973	81,680	101,823	39,600	59,672
Misc	-	74,386	-	176,009	-	14,893
<b>Total Operating Income</b>	<b>3,420,794</b>	<b>3,477,732</b>	<b>3,251,004</b>	<b>3,025,000</b>	<b>3,053,015</b>	<b>510,631</b>
<b><u>Special Revenue Fund</u></b>						
<b>Capital Improvement Program</b>						
Taxes - 1%	300,000	380,185	250,000	354,959	250,000	64,115
\$1 Surcharge for Capital Projects	-	-	-	-	-	-
Interest	60,000	93,111	60,000	85,927	35,000	9,589
FMV Gain/Loss - Securities	-	(427)	-	(319)	-	-
Inc-Capacity Fees	13,000	16,252	150,000	154,613	-	11,669
Grant	25,500	25,500	25,000	293,977	-	822
Inc-Save-A-Can/Buy-A-Fish	-	-	-	-	-	-
<b>Total Capital Improvement</b>	<b>398,500</b>	<b>514,621</b>	<b>485,000</b>	<b>889,157</b>	<b>285,000</b>	<b>86,195</b>
<b><u>Debt Service Fund</u></b>						
Inc-Assessment Res (PID Share)	-	-	-	-	-	-
<b>Total Debt Service</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>Recovery Proceeds</u></b>						
State Backfill Funding	7,374,000	7,374,330	7,374,000	7,374,330	-	-
FEMA Reimbursements	2,625,000	159,961	3,386,630	2,390,485	13,059,640	-
Insurance Proceeds	4,080,000	4,084,707	5,000,000	5,068,231	3,000,000	28,066
PGE Locating Reimbursements	150,000	-	300,000	59,627	300,000	-
Other Recovery Grants	-	-	-	-	10,370,139	-
<b>Total Recovery Proceeds</b>	<b>14,229,000</b>	<b>11,618,998</b>	<b>16,060,630</b>	<b>14,892,673</b>	<b>26,729,780</b>	<b>28,066</b>
<b><u>PFD</u></b>						
Revenue - PFD	50,000	54,372	50,000	51,635	50,000	24,979
PFD - Interest Income	-	-	-	-	-	-
<b>Total PFD</b>	<b>50,000</b>	<b>54,372</b>	<b>50,000</b>	<b>51,635</b>	<b>50,000</b>	<b>24,979</b>
<b>Total Revenue</b>	<b>18,098,294</b>	<b>15,665,723</b>	<b>19,846,634</b>	<b>18,858,465</b>	<b>30,117,794</b>	<b>649,872</b>

Paradise Irrigation District  
September 30, 2021  
Water Revenue

	Service Charge												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Year to Date Totals
2021/22 Actual	189,542.52	131,278.2	59,190.7										380,011.43
2021/22 Budget	238,513.00	238,620.25	238,727.50	238,834.75	238,942.00	239,049.25	239,156.50	239,263.75	239,371.00	239,478.25	239,585.50	239,692.75	2,869,234.50
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	372,212.20	157,277.48	-	2,480,562.60
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  
September 30, 2021  
Operational Expense Summary

	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate Update	FY 2020/21 Actual	FY 2021/22 Estimate	FY 2021/22 Actual
Source of Supply	\$ 206,670	\$ 77,819	\$ 203,000	\$ 150,604	\$ 199,000	\$ 77,254
Security & Recreation	57,815	44,036	-	-	-	-
Water Treatment	1,416,139	1,284,603	1,428,441	1,174,412	1,346,858	314,406
Transmission & Distribution	2,446,712	2,040,957	2,324,568	1,658,068	2,187,214	524,086
Customer Service	370,542	291,064	356,076	237,448	323,795	73,541
Administration	1,553,826	1,522,408	1,828,554	1,492,426	2,495,550	397,692
<b>Total Operating Expenditures</b>	<b>6,051,705</b>	<b>5,260,887</b>	<b>6,140,640</b>	<b>4,712,958</b>	<b>6,552,418</b>	<b>1,386,978</b>

	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate Update	FY 2020/21 Actual	FY 2021/22 Estimate	FY 2021/22 Actual
<b>Source of Supply</b>						
Salary and Benefits	-	-	-	-	-	-
Materials and Supplies	26,500	-	30,000	2,589	30,000	-
Outside Services	177,070	77,476	173,000	145,231	165,000	77,254
Utilities	3,100	344	-	2,784	4,000	-
Insurance	-	-	-	-	-	-
<b>Total Source and Supply</b>	<b>206,670</b>	<b>77,819</b>	<b>203,000</b>	<b>150,604</b>	<b>199,000</b>	<b>77,254</b>
<b>Security &amp; Recreation</b>						
Salary and Benefits	45,000	40,777	-	-	-	-
Materials and Supplies	4,200	-	-	-	-	-
Outside Services	4,350	36	-	-	-	-
Utilities	2,700	1,724	-	-	-	-
Insurance	1,565	1,500	-	-	-	-
<b>Total Security &amp; Recreation</b>	<b>57,815</b>	<b>44,036</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Water Treatment</b>						
Salary and Benefits	941,949	912,991	933,541	837,461	871,908	233,159
Materials and Supplies	231,900	180,761	251,100	160,137	245,000	41,401
Outside Services	71,250	45,341	69,000	38,154	66,400	4,200
Utilities	153,300	128,510	149,300	121,160	146,050	35,645
Insurance	17,740	17,000	25,500	17,500	17,500	-
<b>Total Water Treatment</b>	<b>1,416,139</b>	<b>1,284,603</b>	<b>1,428,441</b>	<b>1,174,412</b>	<b>1,346,858</b>	<b>314,406</b>
<b>Transmission &amp; Distribution</b>						
Salary and Benefits	1,689,933	1,324,018	1,615,118	1,081,815	1,675,589	345,943
Materials and Supplies	614,500	595,674	541,500	386,148	330,625	147,553
Outside Services	34,900	35,038	51,750	97,832	79,500	9,702
Utilities	80,600	60,227	71,200	61,272	70,000	20,888
Insurance	26,778	26,000	45,000	31,000	31,500	-
<b>Total Transmission and Distribution</b>	<b>2,446,712</b>	<b>2,040,957</b>	<b>2,324,568</b>	<b>1,658,067</b>	<b>2,187,214</b>	<b>524,086</b>
<b>Customer Service</b>						
Salary and Benefits	341,606	272,357	331,826	218,610	300,295	73,509
Materials and Supplies	7,000	1,264	500	-	-	32
Outside Services	10,000	5,943	5,000	5,937	10,000	-
Insurance	11,936	11,500	18,750	12,900	13,500	-
<b>Total Customer Service</b>	<b>370,542</b>	<b>291,064</b>	<b>356,076</b>	<b>237,447</b>	<b>323,795</b>	<b>73,541</b>
<b>Administration</b>						
Salary and Benefits - Admin Staff	859,948	951,621	1,037,866	812,504	1,276,458	194,910
Salary and Benefits - Board	-	-	16,638	14,611	5,592	-
Materials and Supplies	228,000	182,912	220,300	129,835	224,800	49,127
Outside Services	314,550	249,141	358,250	397,087	808,700	89,595
Utilities	47,039	57,580	56,000	58,668	60,500	20,264
Insurance	86,890	81,155	102,500	66,567	102,500	42,884
Board Expenses	17,400	-	37,000	13,122	17,000	913
<b>Total Administration</b>	<b>1,553,826</b>	<b>1,522,408</b>	<b>1,828,554</b>	<b>1,492,394</b>	<b>2,495,550</b>	<b>397,692</b>

Paradise Irrigation District  
September 30, 2021  
Debt Service

Loan Name	FY 2019/20 Estimated Total Payments	FY 2019/20 Actual Total Payments	FY 2020/21 Estimated Total Payments Update	FY 2020/21 Actual Total Payments	FY 2021/22 Estiamted Total Payments	FY 2021/22 Actual Total Payments
2009 COP's	-	-	-	-	-	-
IBANK	-	-	-	-	-	-
2016 Private Placement (Refi)	246,002	246,002	340,587	340,587	244,515	122,147
2017 Private Placement (Refi)	595,721	595,721	595,587	595,587	852,186	-
New Debt	-	-	-	-	-	-
Total	841,723	841,723	936,174	936,174	1,096,701	122,147

Paradise Irrigation District  
September 30, 2021  
Recovery Related Expenditures

**Recovery Expenditure Projection**

- Supplies and services consist of construction costs associated with repair of the distribution system. FY 2021/22 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           \$    9,090
  - Project Management Costs           \$   524,311
  - Public Assistance Consulting Fees   \$    79,354
  - PG&E Locating Services           \$   102,907
- Water sampling costs are estimated based on the number of water samples expected to be completed during FY 2021/22.

	FY 2019/20 Estimate Update	FY 2019/20 Actual	FY 2020/21 Estimate	FY 2020/21 Estimate Update	FY 2020/21 Actual	FY 2021/22 Estimate	FY 2021/22 Actual
<b><u>Materials and Supplies</u></b>							
Supplies and Services	2,500,000	2,222,142	8,531,148	7,990,272	3,840,864	25,147,688	1,734,263
<b><u>Outside Services</u></b>							
Professional Services/Engineering	3,450,000	3,790,370	1,500,000	2,480,000	2,010,797	2,542,984	719,210
Water Sampling	500,000	401,542	500,000	150,000	96,455	100,000	23,153
<b>Totals</b>	<b>6,450,000</b>	<b>6,414,054</b>	<b>10,531,148</b>	<b>10,620,272</b>	<b>5,948,116</b>	<b>27,790,671</b>	<b>2,476,625</b>

Paradise Irrigation District  
August 31, 2021  
Outstanding Contracts

<b>Contracts</b>	<b>Project</b>	<b>Total Contract Price</b>	<b>Total Paid</b>	<b>Remaining</b>
Wagner & Bonsignore	Water Rights Engineer	Open	102,210.36	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	45,386.00	13,629.00
Genterra Consultants	Magalia Dam Interim Risk Reduction Measures & Long-term Repairs	114,558.00	62,958.04	51,599.96
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	16,964.16	60,138.84
Water Works	NPDES Permit	158,906.00	108,086.95	50,819.05
Water Works	Project Management Services	6,620,638.00	4,030,432.37	2,590,205.63
Water Works	District Engineering Services	450,000.00	296,221.50	153,778.50
Water Works	Urban Water Management Plan	55,000.00	18,314.75	36,685.25
APTIM	Public Assistance Services	1,402,276.00	681,248.28	721,027.72
Firestorm	Arborist Services	26,880.00	10,210.00	16,670.00
Zenner USA	Meter Replacement Equipment	1,184,725.15	136,269.29	1,048,455.86
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	273,889.58	121,429.42
RCI	Meter Installation and Service Lateral Phase 2 Project	15,776,725.00	1,621,972.85	14,154,752.15
Santos Excavating, Inc.	Almond Street Water Main Replacement Project	595,640.00	-	595,640.00
Keith O'Brien	Safety and Operation Training Services	25,500.00	23,700.00	1,800.00
<b>TOTAL OUTSTANDING OBLIGATIONS</b>			<b>19,824,802.77</b>	

Paradise Irrigation District  
 August 31, 2021  
 Monthly Investment Report of Transactions

	<b>Beginning Balance 09/01/21</b>	<b>Interest Received</b>	<b>Gain / (Loss)</b>	<b>Transferred from Cash</b>	<b>Transferred to Cash</b>	<b>Ending Balance 09/30/21</b>
<b>LAIF</b>						
Regular	\$11,569,216.17	-	-		\$ (2,500,000.00)	\$9,069,216.17
DWR Reserve Fund	\$272,582.88	-	-			\$272,582.88



Paradise Irrigation District

## Expense Approval Report

By Vendor Name

Payment Dates 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
<b>Vendor: 01021 - ACWA/JPIA</b>					
09/17/2021	56897	09/17/2021	Dental	01-122010	2,001.58
09/17/2021	56897	09/17/2021	Life	01-122020	580.94
09/17/2021	56897	09/17/2021	EAP	01-122040	85.68
09/17/2021	56897	09/17/2021	Health 2021-10	01-122040	34,272.68
09/17/2021	56897	09/17/2021	Vision	01-122050	586.09
<b>Vendor 01021 - ACWA/JPIA Total:</b>					<b>37,526.97</b>
<b>Vendor: 02957 - Aflac</b>					
09/03/2021	DFT0004844	09/03/2021	Montly Aflac Invoice	01-122040	276.06
09/17/2021	DFT0004864	09/17/2021	Montly Aflac Invoice	01-122040	276.06
<b>Vendor 02957 - Aflac Total:</b>					<b>552.12</b>
<b>Vendor: 03066 - Airgas USA, LLC</b>					
09/24/2021	56926	09/24/2021	Welding Supplies	01-40-601014	595.02
<b>Vendor 03066 - Airgas USA, LLC Total:</b>					<b>595.02</b>
<b>Vendor: 01041 - All Metals Supply, Inc</b>					
09/07/2021	56831	09/07/2021	6 x 4 reducer	01-40-601060	220.58
09/07/2021	56831	09/07/2021	4" flange	01-40-601060	242.52
<b>Vendor 01041 - All Metals Supply, Inc Total:</b>					<b>463.10</b>
<b>Vendor: 03090 - APTIM Environmental &amp; Infrastructure LLC</b>					
09/10/2021	56868	09/10/2021	JOB #18 F-1 PUBLIC ASSISTANCE	01-70-635020	23,607.17
09/07/2021	56832	09/07/2021	JOB #18 F-1 HMGP	01-70-635020	437.50
<b>Vendor 03090 - APTIM Environmental &amp; Infrastructure LLC Total:</b>					<b>24,044.67</b>
<b>Vendor: 01068 - Aramark Uniform Services</b>					
09/07/2021	56833	09/07/2021	uniforms shop	01-40-630060	319.72
09/07/2021	56833	09/07/2021	UNIFORMS TP	01-30-630060	131.39
09/10/2021	56869	09/10/2021	Uniforms shop	01-40-630060	339.84
09/10/2021	56869	09/10/2021	Uniforms TP	01-30-630060	139.27
09/17/2021	56898	09/17/2021	Uniforms shop	01-40-630060	320.20
09/17/2021	56898	09/17/2021	Uniforms TP	01-30-630060	131.13
09/24/2021	56927	09/24/2021	Uniforms TP	01-30-630060	131.13
09/24/2021	56927	09/24/2021	Uniforms Shop	01-40-630060	320.20
<b>Vendor 01068 - Aramark Uniform Services Total:</b>					<b>1,832.88</b>
<b>Vendor: 01081 - AT&amp;T</b>					
09/10/2021	56870	09/10/2021	PHONE LINES SHOP/TP/OFFICE	01-60-611061	720.11
<b>Vendor 01081 - AT&amp;T Total:</b>					<b>720.11</b>
<b>Vendor: 01082 - AT&amp;T</b>					
09/24/2021	56928	09/24/2021	B RES A TANK ALARM	01-40-611041	33.34
09/24/2021	56928	09/24/2021	RES B TANK A ALARM	01-40-611041	33.34
<b>Vendor 01082 - AT&amp;T Total:</b>					<b>66.68</b>
<b>Vendor: 03168 - Bartle Wells Associates</b>					
09/07/2021	56834	09/07/2021	PROFESSIONAL SERVICES	01-60-635099	19,357.53
<b>Vendor 03168 - Bartle Wells Associates Total:</b>					<b>19,357.53</b>
<b>Vendor: 03016 - BB&amp;T Governmental Finance</b>					
09/24/2021	56929	09/24/2021	Interest	01-00-680000	22,566.29
09/24/2021	56929	09/24/2021	Principal	01-250060	276,000.00
<b>Vendor 03016 - BB&amp;T Governmental Finance Total:</b>					<b>298,566.29</b>
<b>Vendor: 03071 - BC Laboratories, Inc.</b>					
09/07/2021	56835	09/07/2021	Job #18-F1 - Surveillance Monit...	01-70-635099	520.00
09/07/2021	56835	09/07/2021	Job #18-F1 - Surveillance Monit...	01-70-635099	350.00
09/07/2021	56835	09/07/2021	Job #18-F1 - Surveillance Monit...	01-70-635099	715.00
09/07/2021	56835	09/07/2021	Job #18-F1 - Surveillance Monit...	01-70-635099	155.00

## Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
09/07/2021	56835	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	16.50
09/10/2021	56871	09/10/2021	Job #18-F1 - Surveillance Monit...	01-70-635099	1,195.00
				<b>Vendor 03071 - BC Laboratories, Inc. Total:</b>	<b>2,951.50</b>
<b>Vendor: 03157 - Brooke Lynn Winter</b>					
09/17/2021	56899	09/17/2021	MISC PROFESSIONAL SERVICES	01-60-635099	1,175.00
09/17/2021	56899	09/17/2021	MISC PROFESSIONAL SERVICES	01-60-699050	-43.63
				<b>Vendor 03157 - Brooke Lynn Winter Total:</b>	<b>1,131.37</b>
<b>Vendor: 01220 - Butte County AQMD</b>					
09/24/2021	56930	09/24/2021	BURN PERMIT	01-10-630011	31.16
				<b>Vendor 01220 - Butte County AQMD Total:</b>	<b>31.16</b>
<b>Vendor: 01266 - Cedar Creek Publishing</b>					
09/10/2021	56872	09/10/2021	Customer Relations	01-60-665000	950.00
09/10/2021	56872	09/10/2021	Customer Relations	01-60-665000	4,567.42
				<b>Vendor 01266 - Cedar Creek Publishing Total:</b>	<b>5,517.42</b>
<b>Vendor: 01280 - Chico Power Equipment</b>					
09/10/2021	56873	09/10/2021	pump primer	01-40-601060	11.80
				<b>Vendor 01280 - Chico Power Equipment Total:</b>	<b>11.80</b>
<b>Vendor: 03065 - Comcast Business</b>					
09/17/2021	56900	09/17/2021	Internet - Office	01-60-630037	851.43
				<b>Vendor 03065 - Comcast Business Total:</b>	<b>851.43</b>
<b>Vendor: 01320 - Comcast</b>					
09/10/2021	56874	09/10/2021	Internet-office	01-60-630037	732.16
				<b>Vendor 01320 - Comcast Total:</b>	<b>732.16</b>
<b>Vendor: 03173 - Denis Delucchi</b>					
09/07/2021	56836	09/07/2021	In Home Water Testing Reimbu...	01-116000	265.00
				<b>Vendor 03173 - Denis Delucchi Total:</b>	<b>265.00</b>
<b>Vendor: 02120 - Durham Pentz Truck Center</b>					
09/24/2021	56931	09/24/2021	Construction & Maint Supplies	01-40-601040	24.00
				<b>Vendor 02120 - Durham Pentz Truck Center Total:</b>	<b>24.00</b>
<b>Vendor: 02888 - Elecsys International Corporation</b>					
09/07/2021	56837	09/07/2021	Misc Supplies	01-30-601099	10.00
				<b>Vendor 02888 - Elecsys International Corporation Total:</b>	<b>10.00</b>
<b>Vendor: 01496 - Employee Relations</b>					
09/07/2021	56838	09/07/2021	Pre-Employment/Physicals	01-40-630023	80.22
				<b>Vendor 01496 - Employee Relations Total:</b>	<b>80.22</b>
<b>Vendor: 01480 - Employment Development Dept.</b>					
09/02/2021	DFT0004839	09/02/2021	State Income Tax Withholding	01-210060	167.97
09/02/2021	DFT0004842	09/02/2021	State Disability Withholding	01-210050	24.36
09/06/2021	DFT0004851	09/06/2021	State Income Tax Withholding	01-210060	4,302.24
09/06/2021	DFT0004854	09/06/2021	State Disability Withholding	01-210050	1,287.18
09/17/2021	DFT0004859	09/17/2021	State Income Tax Withholding	01-210060	0.69
09/17/2021	DFT0004862	09/17/2021	State Disability Withholding	01-210050	0.42
09/20/2021	DFT0004871	09/20/2021	State Income Tax Withholding	01-210060	4,719.26
09/20/2021	DFT0004874	09/20/2021	State Disability Withholding	01-210050	1,366.39
				<b>Vendor 01480 - Employment Development Dept. Total:</b>	<b>11,868.51</b>
<b>Vendor: 01527 - Ferguson Enterprises, Inc</b>					
09/07/2021	56839	09/07/2021	Valve Gate - Brass - 2"	01-125010	982.68
09/07/2021	56839	09/07/2021	Repair Clamp 8" x 3" 7.95-8.35 ...	01-125010	518.28
09/10/2021	56875	09/10/2021	B16 Box - Concrete	01-125010	1,551.60
09/10/2021	56875	09/10/2021	G5 Valve Box	01-125010	1,810.20
09/10/2021	56875	09/10/2021	FC Clamp 6' x 7 1/2' 7.07-7.37 R...	01-125010	1,140.00
09/10/2021	56875	09/10/2021	FC Clamp 8' x 7 1/2' 9.27-9.57 ...	01-125010	1,536.51
09/10/2021	56875	09/10/2021	4" bolt kits	01-40-601060	343.20
09/17/2021	56901	09/17/2021	90 - CI - 6' FL	01-125010	1,190.12
09/17/2021	56901	09/17/2021	Grip Ring Restraint Kit - CI - 4'	01-125010	342.00
09/17/2021	56901	09/17/2021	Adaptor - CI - 6' MJ x FL	01-125010	268.00

Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
09/17/2021	56901	09/17/2021	45 - CI - 4' MJ	01-125010	216.00
09/17/2021	56901	09/17/2021	Tee - CI - 4" FL	01-125010	458.00
09/17/2021	56901	09/17/2021	Grip Ring Restraint Kit - CI - 6'	01-125010	138.00
09/17/2021	56901	09/17/2021	Cap Tapped - CI- 4'x2' MJ	01-125010	120.00
09/17/2021	56901	09/17/2021	Adaptor - CI - 4' MJ x FL	01-125010	204.00
09/17/2021	56901	09/17/2021	Qt. pipe lube	01-40-601060	24.00
<b>Vendor 01527 - Ferguson Enterprises, Inc Total:</b>					<b>10,842.59</b>
<b>Vendor: 01528 - FGL Environmental</b>					
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	52.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	200.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	24.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	52.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	88.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	126.00
09/07/2021	56840	09/07/2021	Job #18-F1 - Water Sampling	01-70-635099	88.00
09/10/2021	56876	09/10/2021	Job #18-F1 - Water Sampling	01-70-635099	88.00
09/17/2021	56902	09/17/2021	Job #18-F1 - Water Sampling	01-70-635099	24.00
09/17/2021	56902	09/17/2021	Job #18-F1 - Water Sampling	01-70-635099	396.00
09/24/2021	56932	09/24/2021	Job #18-F1 - Water Sampling	01-70-635099	659.00
09/24/2021	56932	09/24/2021	Job #18-F1 - Water Sampling	01-70-635099	88.00
09/24/2021	56932	09/24/2021	Job #18-F1 - Water Sampling	01-70-635099	88.00
<b>Vendor 01528 - FGL Environmental Total:</b>					<b>1,973.00</b>
<b>Vendor: 01548 - Foothill Mill &amp; Lumber Co.</b>					
09/17/2021	56903	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	13.87
<b>Vendor 01548 - Foothill Mill &amp; Lumber Co. Total:</b>					<b>13.87</b>
<b>Vendor: 01587 - Genterra Consultants, Inc.</b>					
09/10/2021	56877	09/10/2021	Magalia Spillway Risk Reduction...	01-40-635099	1,152.50
09/10/2021	56877	09/10/2021	Magalia Dam Piezometer Evalua..	01-10-635099	3,116.00
09/10/2021	56877	09/10/2021	Magalia Dam Annual 2021	01-10-635099	9,695.00
<b>Vendor 01587 - Genterra Consultants, Inc. Total:</b>					<b>13,963.50</b>
<b>Vendor: 01673 - Herc Rentals</b>					
09/24/2021	56933	09/24/2021	Equipment Rental	01-40-630030	118.87
<b>Vendor 01673 - Herc Rentals Total:</b>					<b>118.87</b>
<b>Vendor: 01705 - Hunt &amp; Sons, Inc.</b>					
09/07/2021	56841	09/07/2021	150gals. unleaded gasoline	01-40-620000	590.24
09/10/2021	56878	09/10/2021	55gals. unleaded gasoline	01-40-620000	236.16
09/10/2021	56878	09/10/2021	312gals. unleaded gasoline	01-40-620000	1,197.92
09/17/2021	56904	09/17/2021	212gals. unleaded gasoline	01-40-620000	830.17
09/24/2021	56934	09/24/2021	100gals. unleaded gasoline	01-40-620000	390.57
09/24/2021	56934	09/24/2021	78gallons unleaded gasoline	01-40-620000	311.60
<b>Vendor 01705 - Hunt &amp; Sons, Inc. Total:</b>					<b>3,556.66</b>
<b>Vendor: 01713 - I.B.E.W. Local Union 1245</b>					
09/10/2021	56879	09/10/2021	Union Dues	01-210065	-42.00
09/10/2021	56879	09/10/2021	Union Dues	01-210065	852.97
09/17/2021	56905	09/17/2021	Union Dues	01-210065	-42.00
09/17/2021	56905	09/17/2021	Union Dues	01-210065	787.47
<b>Vendor 01713 - I.B.E.W. Local Union 1245 Total:</b>					<b>1,556.44</b>
<b>Vendor: 01716 - ICMA Retirement Trust-401</b>					
09/03/2021	DFT0004846	09/03/2021	Retirement - 401(a) Match	01-210045	2,077.64
09/14/2021	DFT0004856	09/14/2021	Retirement - 401(a) Match	01-210045	0.97
09/17/2021	DFT0004866	09/17/2021	Retirement - 401(a) Match	01-210045	2,108.18
09/29/2021	DFT0004876	09/29/2021	Retirement - 401(a) Match	01-210045	7.36
<b>Vendor 01716 - ICMA Retirement Trust-401 Total:</b>					<b>4,194.15</b>
<b>Vendor: 01715 - ICMA Retirement Trust-457</b>					
09/03/2021	DFT0004847	09/03/2021	Retirement Trust - 457	01-210045	2,077.64
09/03/2021	DFT0004848	09/03/2021	Deferred Comp 457	01-210045	7,033.62
09/03/2021	DFT0004849	09/03/2021	Retirement Trust - 457	01-210045	890.93
09/03/2021	DFT0004850	09/03/2021	Retirement Trust - 457	01-210045	892.28

## Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
09/14/2021	DFT0004857	09/14/2021	Retirement Trust - 457	01-210045	0.97
09/14/2021	DFT0004858	09/14/2021	Deferred Comp 457	01-210045	2.91
09/17/2021	DFT0004867	09/17/2021	Retirement Trust - 457	01-210045	2,108.18
09/17/2021	DFT0004868	09/17/2021	Deferred Comp 457	01-210045	7,215.50
09/17/2021	DFT0004869	09/17/2021	Retirement Trust - 457	01-210045	943.38
09/17/2021	DFT0004870	09/17/2021	Retirement Trust - 457	01-210045	892.28
09/29/2021	DFT0004877	09/29/2021	Retirement Trust - 457	01-210045	7.36
09/29/2021	DFT0004878	09/29/2021	Deferred Comp 457	01-210045	22.11
<b>Vendor 01715 - ICMA Retirement Trust-457 Total:</b>					<b>22,087.16</b>
<b>Vendor: 01721 - Industrial Equipment</b>					
09/10/2021	56880	09/10/2021	roto nozzle	01-40-601060	424.75
<b>Vendor 01721 - Industrial Equipment Total:</b>					<b>424.75</b>
<b>Vendor: 01722 - Infinisource Cobra Compliance</b>					
09/10/2021	56881	09/10/2021	COVID REFUND	01-60-635050	404.37
09/24/2021	56935	09/24/2021	COVID 19	01-60-635050	48.65
09/24/2021	56935	09/24/2021	FLEXIBLE BENEFITS	01-60-635050	80.00
<b>Vendor 01722 - Infinisource Cobra Compliance Total:</b>					<b>533.02</b>
<b>Vendor: 01720 - Inland Business Systems</b>					
09/07/2021	56842	09/07/2021	OFFICE EQUIPMENT MAINT-OFF..	01-60-630025	587.13
09/24/2021	56936	09/24/2021	OFFICE EQUIPMENT MAINT.	01-60-630025	553.20
<b>Vendor 01720 - Inland Business Systems Total:</b>					<b>1,140.33</b>
<b>Vendor: 01731 - Internal Revenue Service</b>					
09/02/2021	DFT0004840	09/02/2021	FICA Withholding	01-210030	251.80
09/02/2021	DFT0004841	09/02/2021	Fed Withholding	01-210020	375.75
09/02/2021	DFT0004843	09/02/2021	Medicare Withholding	01-210030	58.86
09/06/2021	DFT0004852	09/06/2021	FICA Withholding	01-210030	13,307.74
09/06/2021	DFT0004853	09/06/2021	Fed Withholding	01-210020	11,566.49
09/06/2021	DFT0004855	09/06/2021	Medicare Wlthholding	01-210030	3,112.32
09/17/2021	DFT0004860	09/17/2021	FICA Withholding	01-210030	4.38
09/17/2021	DFT0004861	09/17/2021	Fed Withholding	01-210020	3.77
09/17/2021	DFT0004863	09/17/2021	Medicare Withholding	01-210030	1.02
09/20/2021	DFT0004872	09/20/2021	FICA Withholding	01-210030	14,076.60
09/20/2021	DFT0004873	09/20/2021	Fed Withholding	01-210020	12,541.25
09/20/2021	DFT0004875	09/20/2021	Medicare Wlthholding	01-210030	3,292.06
<b>Vendor 01731 - Internal Revenue Service Total:</b>					<b>58,592.04</b>
<b>Vendor: 03057 - International Brotherhood of 137 TCWH</b>					
09/10/2021	56882	09/10/2021	Union Dues Teamsters	01-210065	172.16
09/17/2021	56906	09/17/2021	Union Dues Teamsters	01-210065	172.16
<b>Vendor 03057 - International Brotherhood of 137 TCWH Total:</b>					<b>344.32</b>
<b>Vendor: 01729 - Interstate Batteries of the Rogue River</b>					
09/07/2021	56843	09/07/2021	EQUIPMENT REPAIRS	01-40-621000	423.48
<b>Vendor 01729 - Interstate Batteries of the Rogue River Total:</b>					<b>423.48</b>
<b>Vendor: 01765 - J W Wood Co., Inc</b>					
09/10/2021	56883	09/10/2021	self shutoff hose bib	01-40-601060	68.32
09/17/2021	56907	09/17/2021	self shutoff hose bib	01-40-601060	136.64
<b>Vendor 01765 - J W Wood Co., Inc Total:</b>					<b>204.96</b>
<b>Vendor: 03175 - Joule Charney</b>					
09/10/2021	56884	09/10/2021	In Home Water Testing Reimbu...	01-116000	223.00
<b>Vendor 03175 - Joule Charney Total:</b>					<b>223.00</b>
<b>Vendor: 01828 - Les Schwab Tire Center</b>					
09/07/2021	56844	09/07/2021	BIG VAC UNIT REPAIRS	01-40-621000	315.74
<b>Vendor 01828 - Les Schwab Tire Center Total:</b>					<b>315.74</b>
<b>Vendor: 01844 - Lowe's Home Improvement</b>					
09/07/2021	56845	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	332.37
09/07/2021	56845	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	18.27
09/24/2021	56937	09/24/2021	MISC SUPPLIES	01-40-601060	239.88
<b>Vendor 01844 - Lowe's Home Improvement Total:</b>					<b>590.52</b>

## Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
<b>Vendor: 03132 - Mark Baker</b>					
09/10/2021	56885	09/10/2021	Landscaping	01-60-630010	495.00
09/24/2021	56938	09/24/2021	Landscaping	01-60-630010	495.00
<b>Vendor 03132 - Mark Baker Total:</b>					<b>990.00</b>
<b>Vendor: 01908 - MJB Welding Supply</b>					
09/24/2021	56939	09/24/2021	7/8 cut off wheel	01-40-601060	101.99
09/24/2021	56939	09/24/2021	bandsaw blades	01-40-601060	68.35
09/24/2021	56939	09/24/2021	wire brush	01-40-601060	41.86
09/24/2021	56939	09/24/2021	safety glasses	01-40-601060	15.68
<b>Vendor 01908 - MJB Welding Supply Total:</b>					<b>227.88</b>
<b>Vendor: 03045 - N.C.G.T. SECURITY FUND</b>					
09/07/2021	56846	09/07/2021	Health -2021-06	01-122040	9,861.00
<b>Vendor 03045 - N.C.G.T. SECURITY FUND Total:</b>					<b>9,861.00</b>
<b>Vendor: 01960 - Normac</b>					
09/07/2021	56847	09/07/2021	1 x 30 galv nipple	01-40-601060	1,339.55
09/07/2021	56847	09/07/2021	1 x 4 galv nipple	01-40-601060	247.75
09/07/2021	56847	09/07/2021	inverted hose bib	01-40-601060	122.89
09/07/2021	56847	09/07/2021	1" backflow	01-40-601060	13,233.58
09/07/2021	56847	09/07/2021	1" galv tee	01-40-601060	328.19
09/07/2021	56847	09/07/2021	1" galv 90	01-40-601060	219.86
09/07/2021	56847	09/07/2021	1" galv cap	01-40-601060	165.17
09/07/2021	56847	09/07/2021	1" close galv nipple	01-40-601060	162.48
09/07/2021	56847	09/07/2021	inverted hose bib	01-40-601060	559.77
09/24/2021	56940	09/24/2021	1 x 4 galv nipple	01-40-601060	247.75
09/24/2021	56940	09/24/2021	1" galv tee	01-40-601060	328.19
09/24/2021	56940	09/24/2021	inverted hose bib	01-40-601060	682.66
09/24/2021	56940	09/24/2021	1" backflows	01-40-601060	13,233.58
09/24/2021	56940	09/24/2021	1" close galv nipple	01-40-601060	162.48
09/24/2021	56940	09/24/2021	1" galv 90	01-40-601060	219.86
09/24/2021	56940	09/24/2021	1" galv cap	01-40-601060	165.17
09/24/2021	56940	09/24/2021	hose bib handle	01-40-601060	127.68
09/24/2021	56940	09/24/2021	inverted hose bib	01-40-601060	184.61
<b>Vendor 01960 - Normac Total:</b>					<b>31,731.22</b>
<b>Vendor: 01980 - Northern Recycling &amp; Waste Svcs</b>					
09/10/2021	56886	09/10/2021	Trash Service	01-30-630035	49.91
09/10/2021	56886	09/10/2021	Trash Service	01-40-630035	170.12
09/10/2021	56886	09/10/2021	Trash Service	01-60-630035	56.74
<b>Vendor 01980 - Northern Recycling &amp; Waste Svcs Total:</b>					<b>276.77</b>
<b>Vendor: 01950 - Northstate Aggregate, Inc.</b>					
09/10/2021	56887	09/10/2021	Construction & Maintenance S...	01-40-601060	446.59
09/10/2021	56887	09/10/2021	Construction & Maintenance S...	01-40-601060	891.15
09/10/2021	56887	09/10/2021	Construction & Maintenance S...	01-40-601060	468.87
09/10/2021	56887	09/10/2021	Construction & Maintenance S...	01-40-601060	24.79
<b>Vendor 01950 - Northstate Aggregate, Inc. Total:</b>					<b>1,831.40</b>
<b>Vendor: 01995 - Office Depot</b>					
09/17/2021	56908	09/17/2021	Office Supplies	01-40-601030	54.72
09/17/2021	56908	09/17/2021	OFFICE SUPPLIES	01-60-601030	79.70
<b>Vendor 01995 - Office Depot Total:</b>					<b>134.42</b>
<b>Vendor: 02005 - Olin Corp.-Chlor Alkali</b>					
09/17/2021	56909	09/17/2021	Sodium Hypochlorite - Bleach	01-30-600072	5,223.46
<b>Vendor 02005 - Olin Corp.-Chlor Alkali Total:</b>					<b>5,223.46</b>
<b>Vendor: 01538 - O'Reilly Auto Parts</b>					
09/17/2021	56910	09/17/2021	EQUIPMENT REPAIRS	01-40-621000	29.14
09/10/2021	56888	09/10/2021	Construction & Maint Supplies	01-40-601060	15.06
<b>Vendor 01538 - O'Reilly Auto Parts Total:</b>					<b>44.20</b>
<b>Vendor: 02030 - Pace Supply</b>					
09/07/2021	56848	09/07/2021	Valve Ball - Serv Brass - 1" Curb ...	01-125010	944.47

## Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
09/07/2021	56848	09/07/2021	Valve Ball - Brass - 1 1/2"	01-125010	180.96
09/24/2021	56941	09/24/2021	Coupling - Serv Brass - 1' Comp	01-125010	789.16
<b>Vendor 02030 - Pace Supply Total:</b>					<b>1,914.59</b>
<b>Vendor: 02081 - Pacific Gas &amp; Electric Company</b>					
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-10-610012	23.82
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-30-610033	47.80
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-30-610033	11,365.75
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	15.63
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	16.86
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	20.85
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	20.89
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	22.50
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	22.56
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	4,188.13
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-40-610041	44.35
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-60-610061	3,888.12
09/17/2021	56911	09/17/2021	VARIOUS GAS AND ELECTRIC	01-60-610062	16.68
09/24/2021	56942	09/24/2021	6 Locations MS	01-50-699000	7.94
<b>Vendor 02081 - Pacific Gas &amp; Electric Company Total:</b>					<b>19,701.88</b>
<b>Vendor: 02114 - Paradise Ridge Chamber of Comm</b>					
09/10/2021	56889	09/10/2021	DUES	01-60-650050	160.00
<b>Vendor 02114 - Paradise Ridge Chamber of Comm Total:</b>					<b>160.00</b>
<b>Vendor: 02059 - Payless Building Supply</b>					
09/07/2021	56849	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	151.37
09/07/2021	56849	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	22.25
09/17/2021	56912	09/17/2021	PUMP STATION 2	01-40-601060	83.12
<b>Vendor 02059 - Payless Building Supply Total:</b>					<b>256.74</b>
<b>Vendor: 02090 - Pitney Bowes Global Financial Services LLC</b>					
09/17/2021	56913	09/17/2021	Postage-Meter	01-60-665000	547.12
09/17/2021	56913	09/17/2021	Postage	01-60-665000	67.56
<b>Vendor 02090 - Pitney Bowes Global Financial Services LLC Total:</b>					<b>614.68</b>
<b>Vendor: 02062 - Pitney Bowes Purchase Power</b>					
09/24/2021	56943	09/24/2021	POSTAGE	01-60-665000	100.00
<b>Vendor 02062 - Pitney Bowes Purchase Power Total:</b>					<b>100.00</b>
<b>Vendor: 03048 - Plan B Professional Answering Service</b>					
09/10/2021	56890	09/10/2021	Job#18 F-1 Answering	01-70-635020	144.50
<b>Vendor 03048 - Plan B Professional Answering Service Total:</b>					<b>144.50</b>
<b>Vendor: 03096 - Rankin Stock Heaberlin Oneal</b>					
09/17/2021	56914	09/17/2021	LEGAL	01-60-635030	246.00
<b>Vendor 03096 - Rankin Stock Heaberlin Oneal Total:</b>					<b>246.00</b>
<b>Vendor: 03167 - RCI General Engineering</b>					
09/17/2021	56915	09/17/2021	Job#18-F1 MISLR	01-70-601099	1,211,196.67
<b>Vendor 03167 - RCI General Engineering Total:</b>					<b>1,211,196.67</b>
<b>Vendor: 03070 - Reed Smith LLP</b>					
09/07/2021	56850	09/07/2021	JOB #18 F-1 PROFESSIONAL SER...	01-70-635020	2,660.00
<b>Vendor 03070 - Reed Smith LLP Total:</b>					<b>2,660.00</b>
<b>Vendor: 02057 - Riebes Auto Parts</b>					
09/07/2021	56851	09/07/2021	EQUIPMENT REPAIR	01-40-621000	19.42
<b>Vendor 02057 - Riebes Auto Parts Total:</b>					<b>19.42</b>
<b>Vendor: 02211 - Sabre Backflow, LLC.</b>					
09/17/2021	56916	09/17/2021	calibrate backflow test kit	01-40-621000	219.57
09/17/2021	56916	09/17/2021	calibrate backflow test kit	01-40-621000	114.79
<b>Vendor 02211 - Sabre Backflow, LLC. Total:</b>					<b>334.36</b>
<b>Vendor: 02292 - Standard Insurance Company</b>					
09/07/2021	56852	09/07/2021	Long Term Disability	01-60-655010	696.20
<b>Vendor 02292 - Standard Insurance Company Total:</b>					<b>696.20</b>

Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
<b>Vendor: 03061 - Sterling Health Services, Inc DBA</b>					
09/03/2021	DFT0004845	09/03/2021	HSA Contribution	01-122040	67.30
09/17/2021	DFT0004865	09/17/2021	HSA Contribution	01-122040	67.30
<b>Vendor 03061 - Sterling Health Services, Inc DBA Total:</b>					<b>134.60</b>
<b>Vendor: 03134 - Teresa Contreras</b>					
09/10/2021	56891	09/10/2021	Janitorial Office	01-60-699010	684.00
09/10/2021	56891	09/10/2021	Janitorial Shop	01-40-699010	494.00
09/10/2021	56891	09/10/2021	Janitorial	01-30-699010	456.00
<b>Vendor 03134 - Teresa Contreras Total:</b>					<b>1,634.00</b>
<b>Vendor: 02808 - The UPS Store</b>					
09/07/2021	56853	09/07/2021	POSTAGE	01-40-621000	53.81
09/17/2021	56917	09/17/2021	Bakflow Test Kit	01-40-621000	57.95
<b>Vendor 02808 - The UPS Store Total:</b>					<b>111.76</b>
<b>Vendor: 02362 - Thomas Ace Hardware</b>					
09/10/2021	56892	09/10/2021	CONSTRUCTION & MAINTENAN...	01-40-601060	68.53
09/07/2021	56854	09/07/2021	SMALL HAND TOOLS	01-40-601050	43.14
09/07/2021	56854	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	18.60
09/07/2021	56854	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	86.00
09/10/2021	56892	09/10/2021	CONSTRUCTION AND MAINTEN...	01-40-601060	6.39
09/07/2021	56854	09/07/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	35.28
09/10/2021	56892	09/10/2021	CONSTRUCTION AND MAINTEN...	01-40-601060	162.70
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	35.15
09/10/2021	56892	09/10/2021	SMALL HAND TOOLS	01-40-601050	51.33
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	9.68
09/10/2021	56892	09/10/2021	SAFETY SUPPLIES	01-40-601040	193.93
09/10/2021	56892	09/10/2021	CONSTRUCTION & MAINTENAN...	01-40-601060	61.96
09/10/2021	56892	09/10/2021	Misc supplies	01-30-601099	0.75
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	10.27
09/10/2021	56892	09/10/2021	JANITORIAL SUPPLIES	01-30-601020	16.08
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	39.90
09/17/2021	56918	09/17/2021	SMALL HAND TOOLS	01-40-601050	239.26
09/17/2021	56918	09/17/2021	MISC SUPPLIES	01-30-601099	105.82
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	9.77
09/17/2021	56918	09/17/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	156.00
09/24/2021	56944	09/24/2021	MISC SUPPLIES	01-30-601099	20.44
09/24/2021	56944	09/24/2021	Construction & Maint. Supplies	01-40-601060	65.94
09/24/2021	56944	09/24/2021	Construction & Maint. Supplies	01-40-601060	44.13
09/24/2021	56944	09/24/2021	Janitorial Supplies	01-30-601020	92.03
09/17/2021	56918	09/17/2021	CONSTRUCTION AND MAINTEN...	01-40-601060	18.07
<b>Vendor 02362 - Thomas Ace Hardware Total:</b>					<b>1,591.15</b>
<b>Vendor: 02363 - Thomas Hydraulic</b>					
09/10/2021	56893	09/10/2021	Shop	01-40-601060	12.44
<b>Vendor 02363 - Thomas Hydraulic Total:</b>					<b>12.44</b>
<b>Vendor: 02824 - US Bank Corporate Payment System</b>					
09/07/2021	56855	09/07/2021	SUPPLIES	01-60-601030	199.22
09/07/2021	56855	09/07/2021	SAFETY SUPPLIES	01-60-601040	112.95
09/07/2021	56855	09/07/2021	SAFETY SUPPLIES	01-60-601040	37.65
09/07/2021	56855	09/07/2021	SAFETY SUPPLIES	01-60-601040	4,846.82
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	10.13
09/07/2021	56855	09/07/2021	OFFICE EQUIP MAINT	01-60-630025	0.99
09/07/2021	56855	09/07/2021	OFFICE EQUIP MAINT	01-60-630025	3,030.00
09/07/2021	56855	09/07/2021	WEB SITE	01-60-601030	57.95
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	252.00
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	19.98
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	12.99
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	14.99
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	12.99
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	19.99
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	29.99

Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-60-601030	125.00
09/07/2021	56855	09/07/2021	UNIT #4	01-40-621000	813.58
09/07/2021	56855	09/07/2021	SMALL HAND TOOLS	01-40-601050	85.79
09/07/2021	56855	09/07/2021	SMALL HAND TOOLS	01-30-601050	26.79
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES SHOP	01-40-601030	494.00
09/07/2021	56855	09/07/2021	OFFICE SUPPLIES	01-40-601030	52.79
09/07/2021	56855	09/07/2021	PRE-EMPLOYMENT SCREENING	01-60-630023	95.00
09/07/2021	56855	09/07/2021	PRE-EMPLOYEMNT SCREENING	01-60-630023	36.50
09/07/2021	56855	09/07/2021	ADVERTISING	01-60-665000	20.00
09/07/2021	56855	09/07/2021	EMPLOYEE INCENTIVE	01-60-699050	43.63
09/07/2021	56855	09/07/2021	SUBSCRIPTION	01-60-601030	16.00
09/07/2021	56855	09/07/2021	ZOHO CHAT	01-60-601030	69.00
09/24/2021	56945	09/24/2021	Greenville	01-40-601040	25.78
09/24/2021	56945	09/24/2021	FLASHLIGHTS	01-30-601050	21.44
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	179.88
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	43.96
09/24/2021	56945	09/24/2021	EMPLOYEE INCENTIVE	01-60-699050	1,360.00
09/24/2021	56945	09/24/2021	Office Supplies	01-60-601030	61.41
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	482.71
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-630050	12.87
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	63.11
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	158.69
09/24/2021	56945	09/24/2021	Greenville	01-60-601040	36.66
09/24/2021	56945	09/24/2021	Greenville	01-40-601040	15.87
09/24/2021	56945	09/24/2021	GREENVILLE	01-40-601040	22.10
09/24/2021	56945	09/24/2021	Greenville	01-40-601040	69.38
09/24/2021	56945	09/24/2021	Greenville	01-40-601040	34.98
09/24/2021	56945	09/24/2021	RECURRING SOFTWARE	01-40-601030	494.00
09/24/2021	56945	09/24/2021	SMALL HAND TOOLS	01-40-601050	117.95
09/24/2021	56945	09/24/2021	SMALL HAND TOOLS	01-40-601050	98.08
09/24/2021	56945	09/24/2021	Monthly Charges	01-60-601030	69.00
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	19.99
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	12.99
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	125.00
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	252.00
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	29.99
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	19.98
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	14.99
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	16.00
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	12.99
09/24/2021	56945	09/24/2021	SUBSCRIPTION	01-60-601030	528.00
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	32.35
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	37.53
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	474.00
09/24/2021	56945	09/24/2021	OFFICE SUPPLIES	01-60-601030	248.44
09/24/2021	56945	09/24/2021	CONSTRUCTION & MAINT SUPP...	01-40-601060	16.95
09/24/2021	56945	09/24/2021	CLOUD STORAGE	01-60-601030	0.99

**Vendor 02824 - US Bank Corporate Payment System Total: 15,746.78**

**Vendor: 02686 - USA Blue Book**

09/07/2021	56857	09/07/2021	SUPPLIES TP	01-30-601099	53.43
09/24/2021	56948	09/24/2021	BLEACH PUMP	01-30-621000	80.60

**Vendor 02686 - USA Blue Book Total: 134.03**

**Vendor: 03104 - UtiliQuest**

09/10/2021	56894	09/10/2021	Job#18 f-1 Locating Services	01-70-635020	43,220.39
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**Vendor 03104 - UtiliQuest Total: 43,220.39**

**Vendor: 02703 - Verizon Wireless**

09/07/2021	56858	09/07/2021	Mobile Phones	01-40-611013	1,937.40
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**Vendor 02703 - Verizon Wireless Total: 1,937.40**

Expense Approval Report

Payment Dates: 9/1/2021 - 9/30/2021

Payment Date	Payment Number	Payment Date	Description (Item)	Account Number	Amount
<b>Vendor: 02712 - VistaNet inc.</b>					
09/10/2021	56895	09/10/2021	Equipment Maint Office	01-60-621000	239.00
09/17/2021	56919	09/17/2021	EQUIPMENT MAINT	01-60-621000	405.04
<b>Vendor 02712 - VistaNet inc. Total:</b>					<b>644.04</b>
<b>Vendor: 02714 - Wagner &amp; Bonsignore</b>					
09/17/2021	56920	09/17/2021	WATER RIGHTS	01-150253	206.25
<b>Vendor 02714 - Wagner &amp; Bonsignore Total:</b>					<b>206.25</b>
<b>Vendor: 03002 - Water Works Engineers</b>					
09/07/2021	56859	09/07/2021	DISTRICT ENGINEERING SERVIC...	01-60-635020	34,310.56
09/07/2021	56859	09/07/2021	JOB#18 F1 DISASTER RECOVERY	01-70-635020	162,507.92
09/07/2021	56859	09/07/2021	DISTRICT ENGINEERING SERVIC...	01-60-635020	34,041.86
09/07/2021	56859	09/07/2021	URBAN MGMT PLAN	01-60-635099	120.50
09/17/2021	56921	09/17/2021	DISASTER RECOVERY	01-70-635020	192,109.19
<b>Vendor 03002 - Water Works Engineers Total:</b>					<b>423,090.03</b>
<b>Vendor: 02787 - Zee Service Company</b>					
09/07/2021	56860	09/07/2021	Safety Supplies	01-40-601050	247.94
09/10/2021	56896	09/10/2021	Small Hand Tools	01-40-601050	257.33
<b>Vendor 02787 - Zee Service Company Total:</b>					<b>505.27</b>
<b>Grand Total:</b>					<b>2,305,631.87</b>

# Paradise Irrigation District

## Detail of Disbursements Report

Check Numbers 56831 - 56948

Check#	Date	Vendor/Employee	Amount	% of Total Monthly Disbursements
56915	09/17/2021	RCI General Engineering	\$ 1,211,196.67	52.53%
56929	09/24/2021	BB&T Governmental Finance	\$ 298,566.29	12.95%
56859	09/07/2021	Water Works Engineers	\$ 230,980.84	10.02%
56921	09/17/2021	Water Works Engineers	\$ 192,109.19	8.33%
56894	09/10/2021	UtiliQuest	\$ 43,220.39	1.87%
56897	09/17/2021	ACWA/JPIA	\$ 37,526.97	1.63%
56868	09/10/2021	APTIM Environmental & Infrastructure LLC	\$ 23,607.17	1.02%
56911	09/17/2021	Pacific Gas & Electric Company	\$ 19,693.94	0.85%
56834	09/07/2021	Bartle Wells Associates	\$ 19,357.53	0.84%
56847	09/07/2021	Normac	\$ 16,379.24	0.71%
56940	09/24/2021	Normac	\$ 15,351.98	0.67%
DFT0004872	09/20/2021	Internal Revenue Service	\$ 14,076.60	0.61%
56877	09/10/2021	Genterra Consultants, Inc.	\$ 13,963.50	0.61%
DFT0004852	09/06/2021	Internal Revenue Service	\$ 13,307.74	0.58%
DFT0004873	09/20/2021	Internal Revenue Service	\$ 12,541.25	0.54%
DFT0004853	09/06/2021	Internal Revenue Service	\$ 11,566.49	0.50%
56855	09/07/2021	US Bank Corporate Payment System	\$ 10,536.72	0.46%
56846	09/07/2021	N.C.G.T. SECURITY FUND	\$ 9,861.00	0.43%
DFT0004868	09/17/2021	ICMA Retirement Trust-457	\$ 7,215.50	0.31%
DFT0004848	09/03/2021	ICMA Retirement Trust-457	\$ 7,033.62	0.31%
56875	09/10/2021	Ferguson Enterprises, Inc	\$ 6,381.51	0.28%
56872	09/10/2021	Cedar Creek Publishing	\$ 5,517.42	0.24%
56909	09/17/2021	Olin Corp.-Chlor Alkali	\$ 5,223.46	0.23%
56945	09/24/2021	US Bank Corporate Payment System	\$ 5,210.06	0.23%
DFT0004871	09/20/2021	Employment Development Dept.	\$ 4,719.26	0.20%
DFT0004851	09/06/2021	Employment Development Dept.	\$ 4,302.24	0.19%
DFT0004875	09/20/2021	Internal Revenue Service	\$ 3,292.06	0.14%
DFT0004855	09/06/2021	Internal Revenue Service	\$ 3,112.32	0.13%
56901	09/17/2021	Ferguson Enterprises, Inc	\$ 2,960.12	0.13%
56850	09/07/2021	Reed Smith LLP	\$ 2,660.00	0.12%
DFT0004866	09/17/2021	ICMA Retirement Trust-401	\$ 2,108.18	0.09%
DFT0004867	09/17/2021	ICMA Retirement Trust-457	\$ 2,108.18	0.09%
DFT0004846	09/03/2021	ICMA Retirement Trust-401	\$ 2,077.64	0.09%
DFT0004847	09/03/2021	ICMA Retirement Trust-457	\$ 2,077.64	0.09%
56858	09/07/2021	Verizon Wireless	\$ 1,937.40	0.08%
56887	09/10/2021	Northstate Aggregate, Inc.	\$ 1,831.40	0.08%
56835	09/07/2021	BC Laboratories, Inc.	\$ 1,756.50	0.08%
56891	09/10/2021	Teresa Contreras	\$ 1,634.00	0.07%
56839	09/07/2021	Ferguson Enterprises, Inc	\$ 1,500.96	0.07%
56878	09/10/2021	Hunt & Sons, Inc.	\$ 1,434.08	0.06%
DFT0004874	09/20/2021	Employment Development Dept.	\$ 1,366.39	0.06%
DFT0004854	09/06/2021	Employment Development Dept.	\$ 1,287.18	0.06%
56871	09/10/2021	BC Laboratories, Inc.	\$ 1,195.00	0.05%
56899	09/17/2021	Brooke Lynn Winter	\$ 1,131.37	0.05%
56848	09/07/2021	Pace Supply	\$ 1,125.43	0.05%
DFT0004869	09/17/2021	ICMA Retirement Trust-457	\$ 943.38	0.04%
DFT0004850	09/03/2021	ICMA Retirement Trust-457	\$ 892.28	0.04%
DFT0004870	09/17/2021	ICMA Retirement Trust-457	\$ 892.28	0.04%
DFT0004849	09/03/2021	ICMA Retirement Trust-457	\$ 890.93	0.04%
56900	09/17/2021	Comcast Business	\$ 851.43	0.04%
56932	09/24/2021	FGL Environmental	\$ 835.00	0.04%
56904	09/17/2021	Hunt & Sons, Inc.	\$ 830.17	0.04%

Check#	Date	Vendor/Employee	Amount	% of Total Monthly Disbursements
56879	09/10/2021	I.B.E.W. Local Union 1245	\$ 810.97	0.04%
56941	09/24/2021	Pace Supply	\$ 789.16	0.03%
56905	09/17/2021	I.B.E.W. Local Union 1245	\$ 745.47	0.03%
56874	09/10/2021	Comcast	\$ 732.16	0.03%
56870	09/10/2021	AT&T	\$ 720.11	0.03%
56934	09/24/2021	Hunt & Sons, Inc.	\$ 702.17	0.03%
56852	09/07/2021	Standard Insurance Company	\$ 696.20	0.03%
56840	09/07/2021	FGL Environmental	\$ 630.00	0.03%
56918	09/17/2021	Thomas Ace Hardware	\$ 623.92	0.03%
56913	09/17/2021	Pitney Bowes Global Financial Services LLC	\$ 614.68	0.03%
56926	09/24/2021	Airgas USA, LLC	\$ 595.02	0.03%
56841	09/07/2021	Hunt & Sons, Inc.	\$ 590.24	0.03%
56842	09/07/2021	Inland Business Systems	\$ 587.13	0.03%
56892	09/10/2021	Thomas Ace Hardware	\$ 561.67	0.02%
56936	09/24/2021	Inland Business Systems	\$ 553.20	0.02%
56885	09/10/2021	Mark Baker	\$ 495.00	0.02%
56938	09/24/2021	Mark Baker	\$ 495.00	0.02%
56869	09/10/2021	Aramark Uniform Services	\$ 479.11	0.02%
56831	09/07/2021	All Metals Supply, Inc	\$ 463.10	0.02%
56898	09/17/2021	Aramark Uniform Services	\$ 451.33	0.02%
56927	09/24/2021	Aramark Uniform Services	\$ 451.33	0.02%
56833	09/07/2021	Aramark Uniform Services	\$ 451.11	0.02%
56832	09/07/2021	APTIM Environmental & Infrastructure LLC	\$ 437.50	0.02%
56880	09/10/2021	Industrial Equipment	\$ 424.75	0.02%
56843	09/07/2021	Interstate Batteries of the Rogue River	\$ 423.48	0.02%
56902	09/17/2021	FGL Environmental	\$ 420.00	0.02%
56919	09/17/2021	VistaNet inc.	\$ 405.04	0.02%
56881	09/10/2021	Infinisource Cobra Compliance	\$ 404.37	0.02%
DFT0004841	09/02/2021	Internal Revenue Service	\$ 375.75	0.02%
56845	09/07/2021	Lowe's Home Improvement	\$ 350.64	0.02%
56916	09/17/2021	Sabre Backflow, LLC.	\$ 334.36	0.01%
56844	09/07/2021	Les Schwab Tire Center	\$ 315.74	0.01%
56886	09/10/2021	Northern Recycling & Waste Svcs	\$ 276.77	0.01%
DFT0004844	09/03/2021	Aflac	\$ 276.06	0.01%
DFT0004864	09/17/2021	Aflac	\$ 276.06	0.01%
56836	09/07/2021	Denis Delucchi	\$ 265.00	0.01%
56896	09/10/2021	Zee Service Company	\$ 257.33	0.01%
DFT0004840	09/02/2021	Internal Revenue Service	\$ 251.80	0.01%
56860	09/07/2021	Zee Service Company	\$ 247.94	0.01%
56914	09/17/2021	Rankin Stock Heaberlin Oneal	\$ 246.00	0.01%
56937	09/24/2021	Lowe's Home Improvement	\$ 239.88	0.01%
56895	09/10/2021	VistaNet inc.	\$ 239.00	0.01%
56939	09/24/2021	MJB Welding Supply	\$ 227.88	0.01%
56884	09/10/2021	Joule Charney	\$ 223.00	0.01%
56944	09/24/2021	Thomas Ace Hardware	\$ 222.54	0.01%
56920	09/17/2021	Wagner & Bonsignore	\$ 206.25	0.01%
56854	09/07/2021	Thomas Ace Hardware	\$ 183.02	0.01%
56849	09/07/2021	Payless Building Supply	\$ 173.62	0.01%
56882	09/10/2021	International Brotherhood of 137 TCWH	\$ 172.16	0.01%
56906	09/17/2021	International Brotherhood of 137 TCWH	\$ 172.16	0.01%
DFT0004839	09/02/2021	Employment Development Dept.	\$ 167.97	0.01%
56889	09/10/2021	Paradise Ridge Chamber of Comm	\$ 160.00	0.01%
56890	09/10/2021	Plan B Professional Answering Service	\$ 144.50	0.01%
56907	09/17/2021	J W Wood Co., Inc	\$ 136.64	0.01%
56908	09/17/2021	Office Depot	\$ 134.42	0.01%
56935	09/24/2021	Infinisource Cobra Compliance	\$ 128.65	0.01%
56933	09/24/2021	Herc Rentals	\$ 118.87	0.01%

Check#	Date	Vendor/Employee	Amount	% of Total Monthly Disbursements
56943	09/24/2021	Pitney Bowes Purchase Power	\$ 100.00	0.00%
56876	09/10/2021	FGL Environmental	\$ 88.00	0.00%
56912	09/17/2021	Payless Building Supply	\$ 83.12	0.00%
56948	09/24/2021	USA Blue Book	\$ 80.60	0.00%
56838	09/07/2021	Employee Relations	\$ 80.22	0.00%
56883	09/10/2021	J W Wood Co., Inc	\$ 68.32	0.00%
DFT0004845	09/03/2021	Sterling Health Services, Inc DBA	\$ 67.30	0.00%
DFT0004865	09/17/2021	Sterling Health Services, Inc DBA	\$ 67.30	0.00%
56928	09/24/2021	AT&T	\$ 66.68	0.00%
DFT0004843	09/02/2021	Internal Revenue Service	\$ 58.86	0.00%
56917	09/17/2021	The UPS Store	\$ 57.95	0.00%
56853	09/07/2021	The UPS Store	\$ 53.81	0.00%
56857	09/07/2021	USA Blue Book	\$ 53.43	0.00%
56930	09/24/2021	Butte County AQMD	\$ 31.16	0.00%
56910	09/17/2021	O'Reilly Auto Parts	\$ 29.14	0.00%
DFT0004842	09/02/2021	Employment Development Dept.	\$ 24.36	0.00%
56931	09/24/2021	Durham Pentz Truck Center	\$ 24.00	0.00%
DFT0004878	09/29/2021	ICMA Retirement Trust-457	\$ 22.11	0.00%
56851	09/07/2021	Riebes Auto Parts	\$ 19.42	0.00%
56888	09/10/2021	O'Reilly Auto Parts	\$ 15.06	0.00%
56903	09/17/2021	Foothill Mill & Lumber Co.	\$ 13.87	0.00%
56893	09/10/2021	Thomas Hydraulic	\$ 12.44	0.00%
56873	09/10/2021	Chico Power Equipment	\$ 11.80	0.00%
56837	09/07/2021	Elecsys International Corporation	\$ 10.00	0.00%
56942	09/24/2021	Pacific Gas & Electric Company	\$ 7.94	0.00%
DFT0004876	09/29/2021	ICMA Retirement Trust-401	\$ 7.36	0.00%
DFT0004877	09/29/2021	ICMA Retirement Trust-457	\$ 7.36	0.00%
DFT0004860	09/17/2021	Internal Revenue Service	\$ 4.38	0.00%
DFT0004861	09/17/2021	Internal Revenue Service	\$ 3.77	0.00%
DFT0004858	09/14/2021	ICMA Retirement Trust-457	\$ 2.91	0.00%
DFT0004863	09/17/2021	Internal Revenue Service	\$ 1.02	0.00%
DFT0004856	09/14/2021	ICMA Retirement Trust-401	\$ 0.97	0.00%
DFT0004857	09/14/2021	ICMA Retirement Trust-457	\$ 0.97	0.00%
DFT0004859	09/17/2021	Employment Development Dept.	\$ 0.69	0.00%
DFT0004862	09/17/2021	Employment Development Dept.	\$ 0.42	0.00%
56856	09/07/2021	**Void**	\$ -	0.00%
56946	09/24/2021	**Void**	\$ -	0.00%
56947	09/24/2021	**Void**	\$ -	0.00%
<b>Total</b>			<b>2,305,631.87</b>	



## Mission Statement

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

**Our water. Our future.**

Paradise Irrigation District

## Strategic Plan Progress Report-10/21

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

### Customers

Objective: Provide Exceptional Customer

Goal	Lead	By Date	Status
Create a Report on Updates to Customer Service Processes (for Board)	Mickey Rich	10/2021	
Create a Follow-up 'Voice of the Customer' Survey (based on the 'Voice of the Customer' Survey Conducted in 2020.	Mickey Rich	7/1/2022	
Develop a 'Service Survey' to Be Used at the Completion of Service Delivery.	Dir. Sulik	9/1/2021	
Develop a Communication/Promotion Plan for 'Sharing Good News'	Dir. Sulik	9/1/2021	

### Finance

Objective: Improve Financial Sustainability

Goal	Lead	By Date	Status
Identify Opportunities for New Products and or Service Lines.	Tom Lando	4/1/2022	
To Establish a Plan to Create a Financial Reserve.	Tom Lando	10/15/2021	
To Identify Grant/Funding Opportunities	Dir. Hinman	9/1/2021	
Identify a Committed Grant Writer	Dir. Hinman	9/1/2021	

### Operations

Objective: Enhance Operation Efficiencies

Goal	Lead	By Date	Status
Perform Employee Role Assessment	Tom Lando	10/15/2021	continual
Initiate Project to Develop Organization Standard Operating Procedures (SOP's) and Standard Work Instructions (SWI's)	Tom Lando	10/1/2021	

### People

Objective: Maximize Our Investment in People

Goal	Lead	By Date	Status
Develop a Plan for a Phased Approach Formal Training Program	Dir. Hansen	5/1/2022	
Develop Draft of a Plan for PID Career Tracks	Dir. Hansen	11/21/2021	
Research or Perform a Compensation Comparison Analysis	HR Firm	12/23/2023	
Develop an Employee Incentive Program	Dir. Hansen	11/1/2021	

<span style="color: green;">■</span>	Green - On Track
<span style="color: yellow;">■</span>	Yellow-Encountering Barriers to Complete on Time but Still Progressing
<span style="color: red;">■</span>	Red-Full Stop: Consider Course Corrections.

The Paradise Irrigation District will be the Gold Star Standard of business models. We will provide exceptional service to our customers and a quality product. Our financial independence will be the result of our innovative approach to the development of new products and or lines of service in tandem with precision financial and operational management. | We will prioritize our team members by investing in their work environment and providing opportunities for their future development and advancement. We will be dedicated and productive community partners, and as the regional People's Water District we will be leaders in sustainability, maintaining a net-neutral to net-positive impact on the environment.

## Customer Service Activity Report – September 2021

### Service Requests

Row Labels	Sum of Count
Account Management	318
Activate water w/Backflow	43
Backflow Maintenance	19
Construction Support	6
Disconnect	2
Field Customer Service	60
Field Maintenance	21
From Active to Ready-to-Serve	44
New Meter Order	1
No Water	5
Transfer Ownership	168
Water Quality	8
<b>Grand Total</b>	<b>695</b>

***Decreased** from 804 service requests in August*

### Phone activity

Phone Activity	August 2021	Sept. 2021	Trend
Average calls per day	46	33.3	Decreased
Average abandoned per day	2.2	1.3	Decreased
Average time abandon	1:24 min	1:59 min	Increased
Average time to handle	39 seconds	43 seconds	Increased

### Payments Processed

Method payment	August 2021	Sept. 2021	Trend
Automated Phone System	151	64	Decreased
Customer Service Staff	2434	1411	Decreased
Web Portal	990	344	Decreased
<b>Total</b>	<b>3575</b>	<b>1819</b>	<b>Decreased</b>

# Customer Service - Improved Communication Processes Report

- **Communication**
  - When a property changes ownership the customer is sent a new owner letter informing them of their billing schedule and water quality. Included in this correspondence is a welcome magnet with our phone number.
  - Office staff inform customers of the approximate timeline for water installation and notify customers by telephone once their water service is connected.
    - The field and contractors are responsible for communicating any delays to office staff. This process is evolving, and the team has identified areas for improvement.
  - The office manager and one customer service rep attend the weekly meter project meeting.
  - Field and Water Treatment staff have scheduled training sessions to keep office staff informed and educated on water quality and field processes. This training helps office staff better answer a customer’s technical questions.
  - WaterWorks has developed an information spreadsheet to streamline information flow. This tool has become invaluable in answering our customer’s project-related questions.
  - Difficult questions and water request delays are escalated to the office manager who coordinates resolution with the field, contractors, and customer.
- **Written Communication Improvement**
  - Mass correspondence, when time allows, is sent to the community relations committee and board for review.
  - The following rubric has been developed for internal review:
    - Friendly and professional consistency
    - Absent of internal jargon
    - Clarity of dates and deadlines
    - Test for all the following components: who, what, when, where
    - Formatting that directs the reader’s eye to any required action.
- **Escalation of water service requests**
  - Service is installed as requested, or escalated
    - Level 2 - Escalated to a crew to attempt to resolve
      - These are usually cases where the service line cannot be located and a large number are resolved.
    - Level 3 – Requires significant work including mainline work that will need to be scheduled as a project.
- Summary of water requests and installation as of 10/15/2021

Date	Water Requests	Fullfilled
2019	1473	1471
Qtr2	445	445
Qtr3	651	650
Qtr4	377	376
2020	1043	1032
Qtr1	290	289
Qtr2	313	312
Qtr3	230	229
Qtr4	210	202
2021	541	429
Qtr1	123	120
Qtr2	228	200
Qtr3	175	109
Qtr4	15	
<b>Grand Total</b>	<b>3057</b>	<b>2932</b>

**STAFF REPORT  
WATER TREATMENT PLANT  
September 2021**

**WATER TREATMENT**

- Production at the District’s treatment plant for the month of September varied between 3.9 and 5.9 mgd, with the average day being 5.0 mgd.

- Compared to:

	<u>pre-fire September 2018</u>	<u>September 2020</u>
Low	6.0	5.0
High	7.7	6.9
Avg.	6.9	5.0

- 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 cannot afford to have someone sick.
- Completed required monthly reporting to Department of Drinking Water and Regional Water Control Board.
- Slate Geotechnical wrapped up the 30% design for repairs to Magalia Reservoir, Colleen with Water Works is putting together the package for bids for the rest of the design.
- Glenmount Global installed the new SCADA PCs.

**D Tank Well**

- Durham Pump has ordered a new pump and necessary parts to replace the pump in the well. Durham Pump and Commercial Pump and Mechanical both provided bids for the work with Durham Pump being slightly less. Once the new pump is delivered, we will schedule the removal and installation. Durham Pump is still waiting on parts.

**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.
- We are now working on fall time scheduling for personnel.

**MAGALIA/PARADISE DAMS**

- Slate Geotechnical completed their 30% design, Water Works is working on the next portion to go out to bid.
- 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 Water Works 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 September, we had performed 1,099 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.

**September 2021, WATER QUALITY**

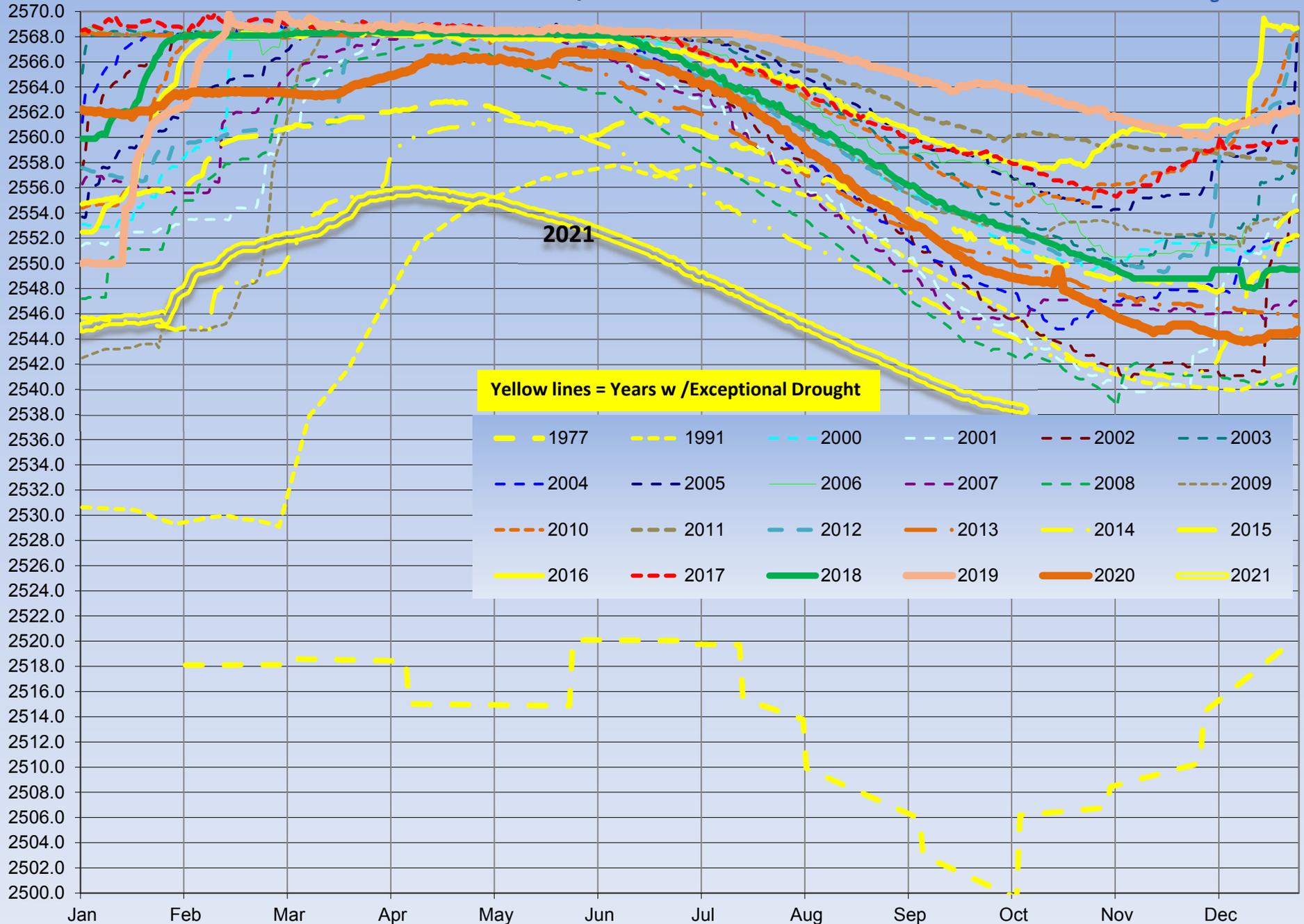
- Average daily production: 5.0 mgd
- Average effluent turbidity: 0.04 ntu
- Average raw water turbidity: 0.41 ntu

**Water Levels (as of 9/30/2021)**

- Magalia Reservoir 2195.6'
- Paradise Lake -29.4'
- Percentage of Water in Storage 51% of Total Available
- Rainfall for 2020/2021 rainfall year:

	Magalia Res. 0.0"	Paradise Lake 0.0"
▪ October		
▪ 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"
▪ May	0.09"	0.07"
▪ June	0.50"	1.83"
▪ July	0.01"	0.01"
▪ August	0	0
▪ September	0.60"	0.70"
Total for 2020/2021 Rain Year	32.83'	34.62"
Average Rainfall	64.00"	65.20"

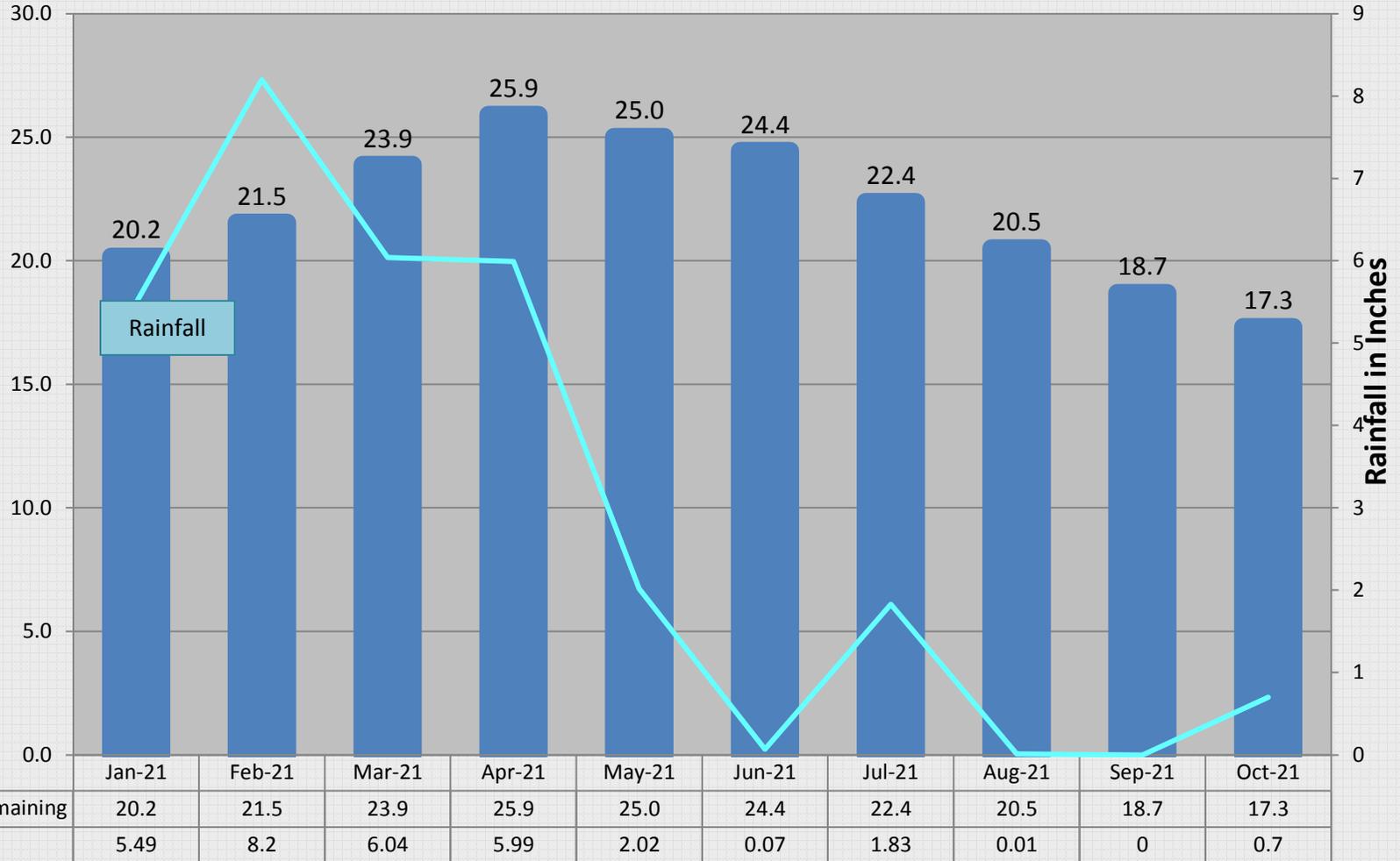
Paradise Lake Elevation  
 Updated 10/07/2021  
 Spill = 2568.1



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

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

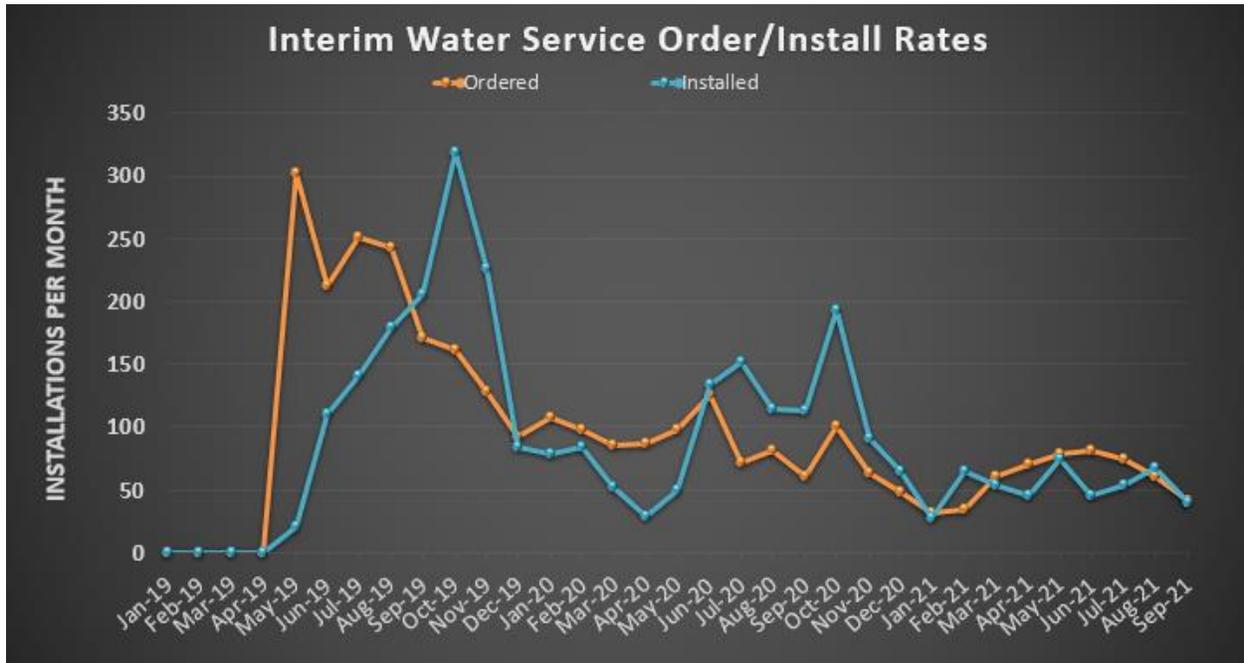
Pre-November 2018 Full reservoir



# Water Supply Recovery Program Update

## Interim Water Service

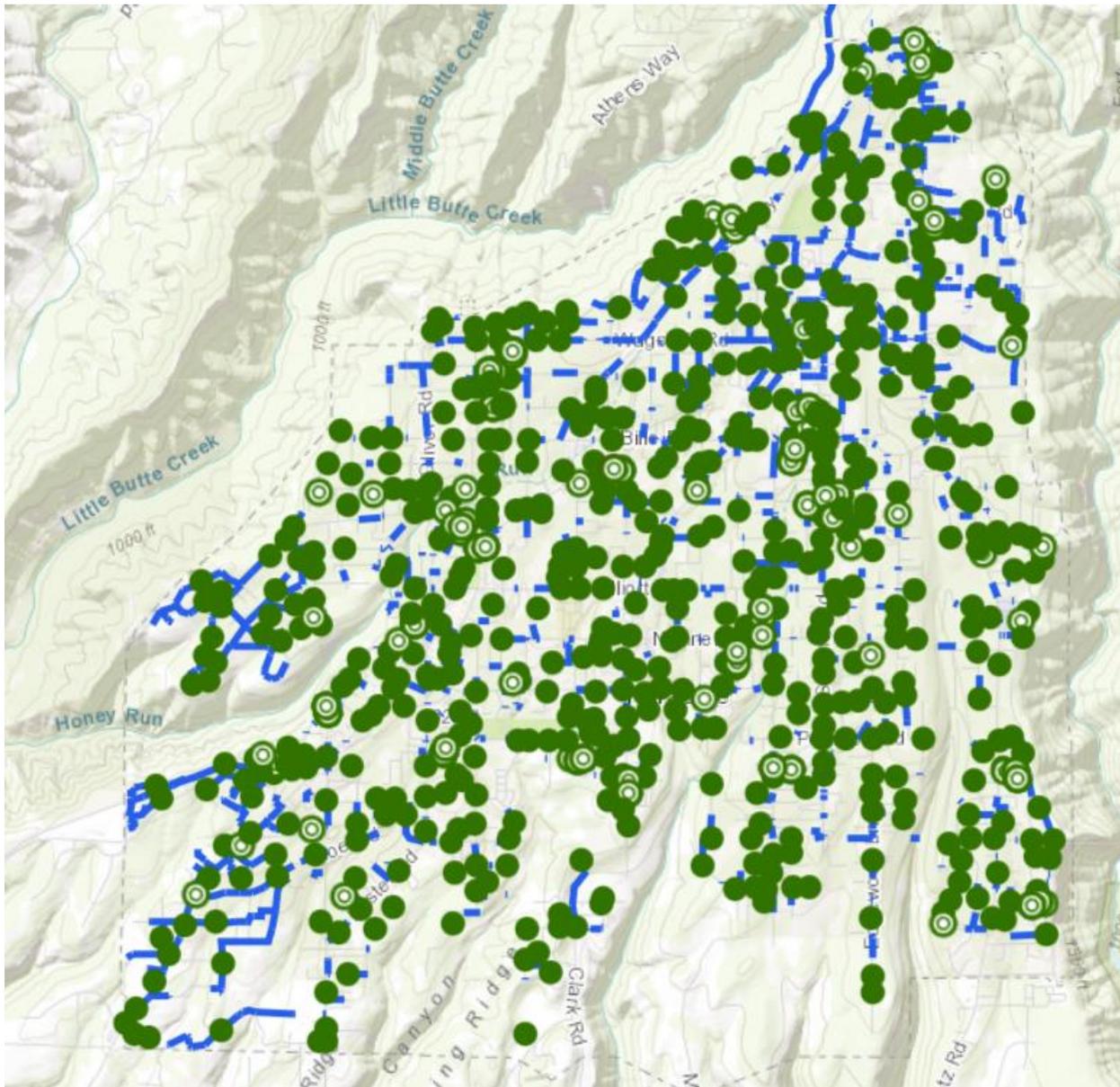
The Interim Water Service program continues. IWS orders in September continued to decrease in pace to below 50/mo. There were approximately 50 IWS installations in September, keeping pace with requests. As the MISLR project continues, more IWS orders are being directed to permanent service lateral replacement and meter/backflow preventer installation. We are working with RCI to work out the logistics of expanding this approach and have most or all new service orders go straight to permanent replacement lateral, meter and backflow preventer.



# Water Supply Recovery Program Update

## Water Quality Assurance Monitoring

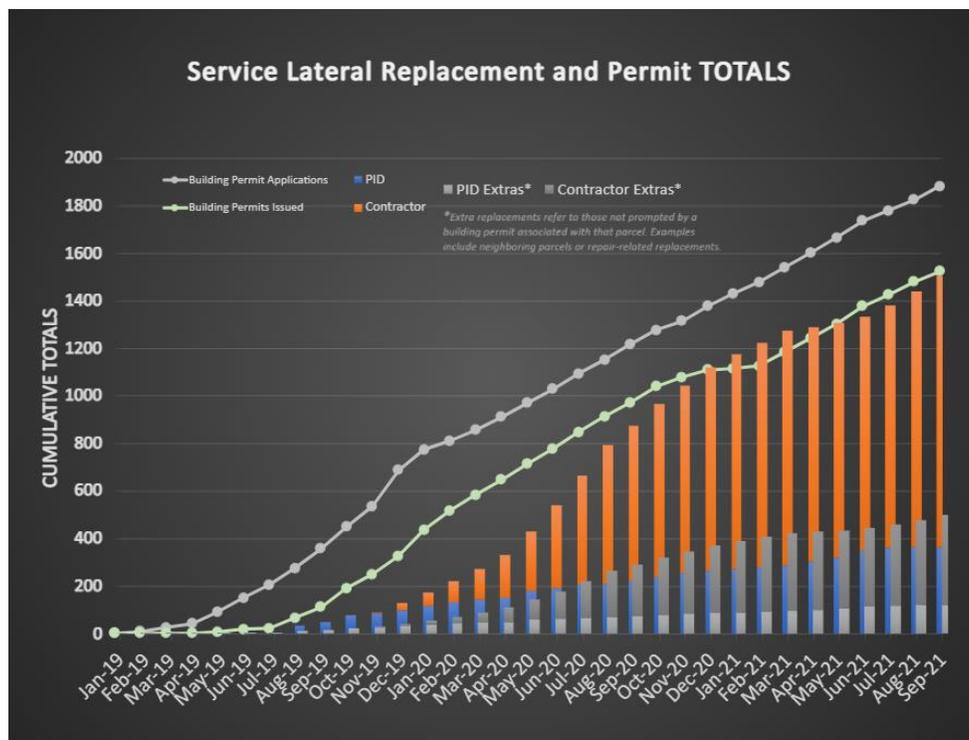
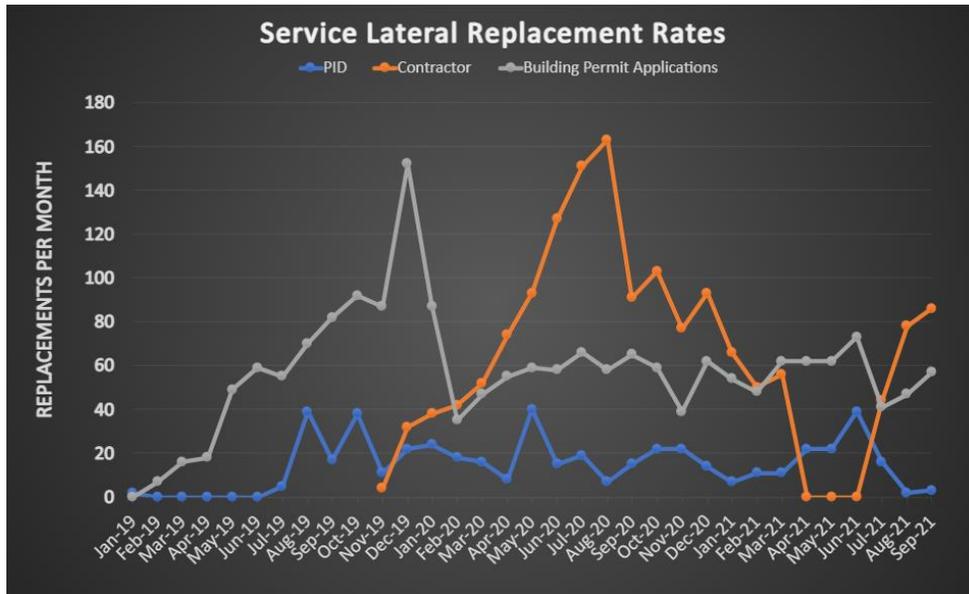
Water Quality Assurance Monitoring continues with no fire related VOC violations discovered. We continue to be on pace to have random-sample monitored the entire system by September 2022. The future of water quality assurance monitoring frequency and location will need to be discussed and decided on as we move into 2022 and complete this first round.



# Water Supply Recovery Program Update

## Meter Installation and Service Lateral Replacement Program

The Meter Installation and Service Lateral Replacement (MISLR) project increased the pace of installation in September with 85 completed by RCI prior to month's end. New permit applications at the Town of Paradise picked back up to nearly 60/mo. With MISLR work full steam ahead, we remain ahead of issued building permits and continue to support the town rebuilding efforts.



# Water Supply Recovery Program Update

## Meter Replacement Program

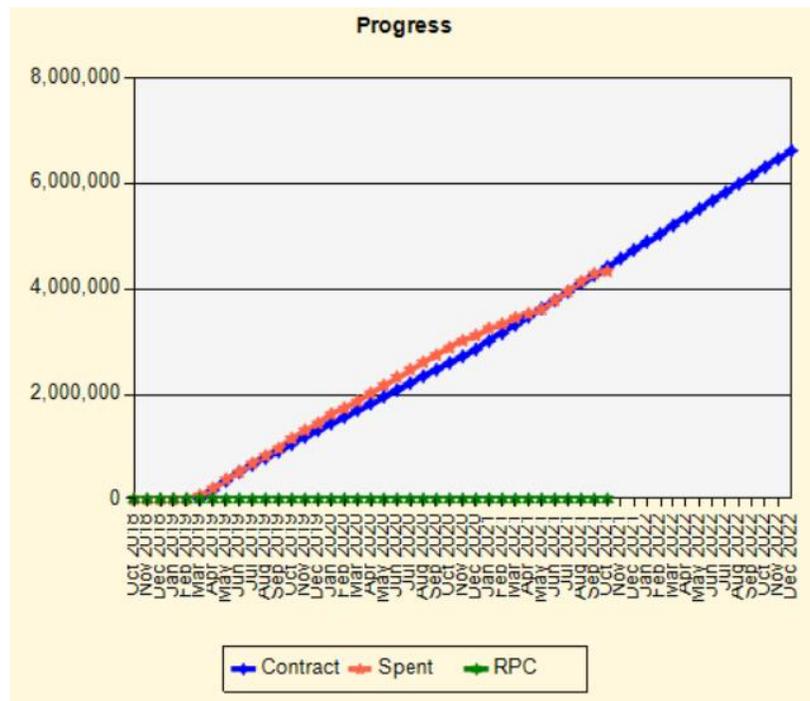
Additional meters were delivered to PID from Zenner in September for a total of 984 delivered. They continue to be deployed daily with 150 installed in September for a total of 253 installed through the end of September. MIUs have not yet been installed while we wait for the collector and repeater network installation is planned and executed. Collector and repeater locations have been identified, coordinated with the Town and other entities and are planned to be installed in early November once coordination between Zenner and the current Tyler billing system is finalized by staff. MIU installation will begin concurrently with collector and repeater installation. At this time, if 150 meters/month continues to be the pace of installation (this is RCI's goal pace), by the end of 2021 we would have between 600-700 meters installed with operational MIUs shortly thereafter, collectors and repeaters and usage data being gathered for use in billing. This would cover Zone A, Zone B and Zone C, which could be available for billing in the first quarter of 2022.

## Reservoir B Replacement Project

Funding for the Reservoir B Replacement project continues to be pursued. The SRF/ASADRA funding application is proceeding which still appears to be the most likely funding pathway for this project. The IS/MND for CEQA compliance public comment period has been completed and the document is on the board agenda for 10/20 for adoption. The grant application is proceeding. We received a series of questions from SWRCB which we have submitted responses to. In the communication with SWRCB it was stated that they intend to have a funding agreement complete no later than March/April 2022 and they are "hoping to have a funding agreement executed by the end of the year [2021]". As this progresses, we will be prepared to put the Reservoir B project out to bid as soon as the District is comfortable funding will be provided. There has been no change on the FEMA grant funding side for this project.

## Budget

Total billing for September was \$151,663.23, returning to just below our projected average burn rate for the remainder of the project (\$158,000/mo). We remain confident of the overall project budget and control over the average burn rate in the coming months.



## 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 2020. Discussion of options to route power underground through the roadway along the dam crest rather than hardened above ground infrastructure as previously discussed. Continuing coordination with PG&E and DSOD project manager to assist in pursuing this option.
- **Task 4 – Tesla Battery Backup Program**  
Preconstruction conference held 9/2/21 and field work began 9/7/21. Work at Pump Station 2 is almost complete with a small amount of work with the batteries remaining to be done. Work at the Water Treatment Plant is underway with most equipment installed and some investigation related to the tie in left to complete in the field. Work is being coordinated through Bill Taylor.
- **Task 5 – Magalia Dam Engineering Study**  
Invitation for proposals on the 100% design to be sent to prequalified firms this month. Coordination with Aptim to determine if additional grant funding will be needed in addition to the current funds remaining (~800k), and how to approach FEMA for any possible unobligated funds to add to the project. Possibility of CDBG funding in partnership with Butte County, coordination with their interest in widening skyway. 100% design process may be combined with either the design of the roadway, or consideration for a future roadway project.
- **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**  
Construction underway as of August 23<sup>rd</sup> after working through material procurement issues. Town of Paradise's paving project is also behind schedule so no coordination issues as yet, excepting combined traffic control occasionally. Coordination daily with local businesses, police, and fire. Finding some differences in the field from what was designed by Mark Thomas, as well as what PG&E installed. Working through design changes as needed in the field to accommodate what we find. Project scheduled for completion in November. Contingency and schedule adjustment to be addressed in a separate agenda item.
- **Task 11 – Dam Safety Emergency Action Plan**

# District Engineering Update

Next steps : stakeholder meeting with surrounding agencies. WWE staff will coordinate with PID staff to facilitate this meeting and final plan input from these agencies.

- **Task 12 – Meter Insurance Claim**  
Pending further feedback from JPIA or other data needs.
- **Task 13 – Leak Detection**  
Preparation underway on a Work Plan for leak repairs prioritized by severity. Leak repairs to be cross referenced with planned main segment replacements as well as PG&E planned underground projects to streamline underground work before Town of Paradise paving is planned as much as possible.
- **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. Development of procurement documents underway for contracted services to install solar equipment at PID tank sites. Documents in WWE quality control review with the intention to provide to PID in late October or early November. Interim reporting in progress to be submitted in November working with Miranda.
- **Task 16 – Zone A Pipeline and WTP Grant**  
Grant in CEQA review at this time.
- **Task 17 – Urban Water Management Plan**  
UWMP and WSCPs submitted to DWR in advance of the July 1 deadline. Final plan documents sent and posted in all required formats and locations (PID office, CA State Library, PID website, etc)
- **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 several service laterals along Pentz in June.
- **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. Easement need identified by staff. This project is intended to result in a new service lateral installed to increase a customer's water quality and supply, alleviating a repetitive maintenance issue. Contacted property owner and discussed possibility of easement. Owner was not interested in granting an easement so PID staff is reworking proposed plan and will meet in the field as necessary with local owners to discuss further in coming weeks.

- **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**

# District Engineering Update

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.
- **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. Hydraulic calculations performed to determine relative order of magnitude to be gained by the installation of a new service.
- **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. Relocation plans developed and transmitted to Caltrans for review. Ongoing discussion of constructability and timing for relocation of PID infrastructure. This cost is likely to be on the order of \$50k-\$75k for the District if performed by a contractor (recommended based on complexity of the site conditions), in the spring or summer of 2022.  
Meeting held at the end of July with Caltrans staff to discuss how to minimizing PID's excavation requirement by timing work on the main after Caltrans work has begun and grading completed. Caltrans very receptive to teamwork with PID to accomplish the / /main relocation. Next steps include sharing PID details with Caltrans to determine cost of work if completed by Caltrans contractor, as well as property research for priority of property rights in the month of October. Initial property research indicates Caltrans has priority property rights and PID will need to bear the cost of the main relocation.
- **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.
- **Task 70 – Development Review Request – 964 Wagstaff**

# District Engineering Update

Engineering review and comments provided to the Town of Paradise.

- **Task 71 – Use Permit – Moose Lodge**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 72 – Development Review Request – 5623 Wilson Lane**  
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 73 – Development Review Request – 253 Burden Terrace**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 74 – Lot Line Adjustment – 1760 Elysee Drive**  
Engineering review and comments provided to the Town of Paradise. Potential handoff of LLA reviews to customer service.
- **Task 75 – Lot Line Adjustment – 7216 Pentz Road**  
Engineering review and comments provided to the Town of Paradise. Potential handoff of LLA reviews to customer service.
- **Task 76 – Town of Paradise Utility Coordination**  
Review and support for several proposed paving projects for which there are necessary steps of utility coordination. Identification of potential costs and impact to PID for relocation of facilities to accomplish this work. Support and provision of data for District council review and determination. Coordination meeting with Caltrans and the Town held 9/7/21. PID to performed example analyses on 2-3 locations from Town of Paradise plans to determine priority of right and is in further discussion regarding those results and how to move forward with communication.
- **Task 77 – Inventory and Labor Fulcrum Database**  
Support for District staff as requested to navigate the Fulcrum program and/or create formatted data export templates to analyze data collected in this manner.
- **Task 78 – Facilities Info Request – Clark and Nunneley**  
Development of utility data sheets to provide for use in design. Field verification of all facilities required.
- **Task 79 – Development Review Request – 6480 Clark Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 80 – Development Review Request – 261 Chandler Drive**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 81 – Development Review Request – 6462 Clark Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 82 – Development Review Request – 6899 Clark Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 83 – Development Review Request – 5500 Rockford Lane**

# District Engineering Update

Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.

- **Task 84 – Facilities Info Request – PG&E**  
Development of utility data sheets to provide for use in design. Field verification of all facilities required.
- **Task 85 – Utility Request – Rental Guys Skyway**  
Development of utility data sheets to provide for use in design. Field verification of all facilities required.
- **Task 86 – Development Review Request – 5808 Sawmill Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 87 – Development Review Request – 828 Elliot Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 88 – Lot Line Adjustment – 5650 Indian Rock Lane**  
Engineering review and comments provided to the Town of Paradise.
- **Task 89 – Development Review Request – 6480 Clark Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 90 – Lot Line Adjustment – Siegfried**  
Engineering review and comments provided to the Town of Paradise.
- **Task 91 – Development Review Request – 5760 Sawmill Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 92 – Development Review Request – 6363 Graham Road**  
Engineering review and coordination with Town of Paradise Building Department.  
Comments provided to the Town of Paradise.
- **Task 93 – 5885 Pentz Easement Status and Relinquishment**  
Research and coordination with PID staff and the Town of Paradise regarding inquiries about an easement at 5885 Pentz and any future planned need or use by PID.
- **Task 94 – AWWA Auditing**  
Working to review the current status of PID AWWA Audits prefire to current and complete backlog of audits through calendar year 2020 employing best estimates of consumption as needed. Complete validation of these audits by a WWE Certified Level 1 Audit Validator in conjunction with new District Engineer beginning in the month of October. Contacted DWR to inform them of PID’s intention to complete backlog of auditing and submit by the end of the year.
- **Task 95 – District Engineer Onboarding/Support**  
Provide background information, files, and updates on all ongoing projects as requested by the District Engineer. Incorporate DE into ongoing efforts, meetings, email communications, and customer outreach. Provide assistance, recommendations, or other support as requested on an ongoing basis.
- **Task 96 – Development Review Request Gillingham Concrete**

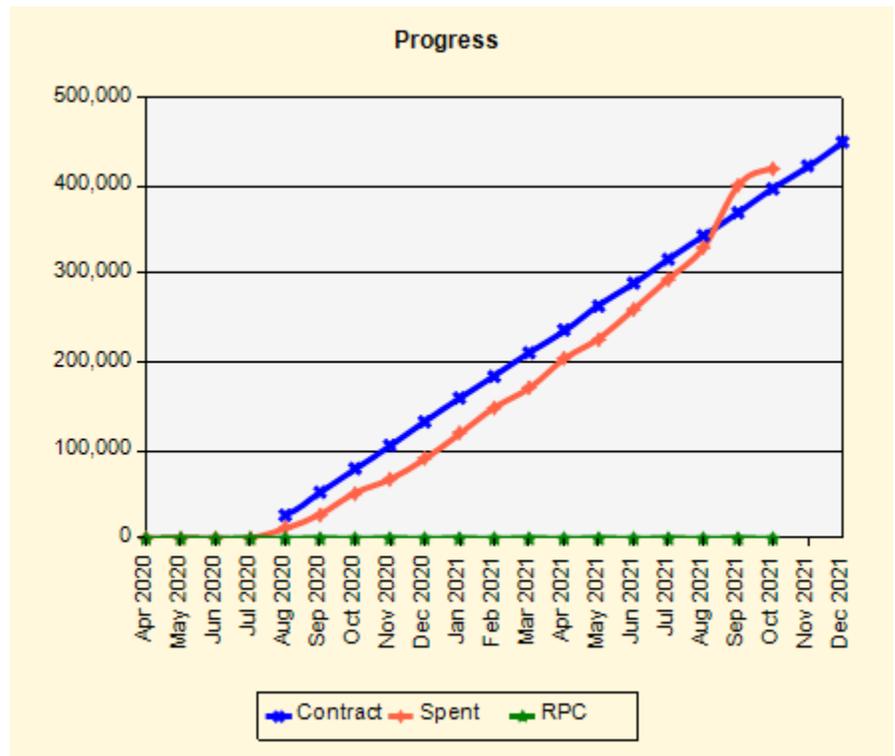
# District Engineering Update

Review of available water supply options for a lot never previously served on the edge of the District. Engineering review and coordination with Town of Paradise Building Department. Comments provided to the Town of Paradise.

- **Task 97 – Development Review Request 1147 Wagstaff**  
Engineering review and coordination with Town of Paradise Building Department. Comments provided to the Town of Paradise.
- **Task 98 – Capital Planning Scope Development**  
At the request of staff, work to develop a scope, plan, and proposed fee to support in the development of an asset and capital project list to be prioritized with staff input.
- **Task 99 – Development Review Request 4929 Foster**  
Engineering review and coordination with Town of Paradise Building Department. Comments provided to the Town of Paradise.

## Budget

As expected, expenditures picked up over the last month as Almond Street move into the main work effort requiring more active oversight and inspection. Expenditures will likely level off and come down in November as that project wraps up. Overall we are generally on track for budget through the end of December when the contract ends.



Water System Component	Status	Quantity	FEMA Project	Scope Notes	Program Notes	Risk Notes
Service Laterals	Contaminated	4,070 SLs originally intended for 428	94496	Project scope has breakdown for quantities across 4 size categories. Scope acknowledges tested percentages as damage amount, but need improved project to cap those.	Currently obligated by FEMA. May pursue reimbursement, as this work won't change as a result of the cap.	Risk of beginning work without testing before the capped improved project is low. CalOES supports the cap, and FEMA only needs to sign off on the EHP provisions, which are no different than what was already approved.
		492 in initial first stage of repairs	130189	Project scope has breakdown for quantities across 4 size categories. Scope acknowledges tested percentages as damage amount - unsure if this needs to be a capped improved project. Have currently exceeded scope, but that can be addressed in a version or at closeout	Currently obligated by FEMA. <b>Reimbursement package should be assembled and submitted by end of the week.</b>	Work already conducted without testing because of the prior 428 set up. CalOES supports the cap, and FEMA only needs to sign off on the EHP provisions, which are no different than what was already approved.
	Non-Contaminated	Remainder (4,119)	None	Currently 8,681 paid accounts, improved project will include the additional 4,119. May change as additional reconnect requests come in before the request is submitted.	Costs for these appear to fit into the improved project budget. Also going to add in cost related to valve can and main modifications related to Town repaving efforts. Waiting on construction information from the Town.	Technically can't start these until improved project approved, but we have enough work to carry us until then.
Meters/Meter boxes	Contaminated	4562	94494	Replacing plastic meters and boxes with brass meters and concrete/polymer blend boxes.	Currently obligated by FEMA. <b>No improved project on this one - no cost differences. Reimbursement package should be assembled and submitted by end of the week.</b>	No risk, work has begun.
	Non-contaminated	Remainder (5,447, based on mains PW)	None	Replacing plastic meters and boxes with brass meters and concrete/polymer blend boxes.	Not covered by FEMA. After applying insurance to this portion, will pursue funding from each annual ASADRA/DWSRF cycle. Approximately \$4M still pending from insurance on meter project.	Still pending ASADRA funding and potential additional insurance funding. Cannot begin work until environmental approval is cleared; can begin before final financial agreement.
Backflow Preventers	Attached to contaminated SLs	4,070	94496	Project scope has breakdown for quantities across 4 size categories	Currently obligated by FEMA. May pursue reimbursement, as this work won't change as a result of the cap.	Risk of beginning work without testing before the capped improved project is low. CalOES supports the cap, and FEMA only needs to sign off on the EHP provisions, which are no different than what was already approved.
		650	130189	The mitigation wasn't carried over when the split occurred, Need to address with FEMA.	Currently obligated by FEMA. May pursue reimbursement, as this work won't change as a result of the cap.	Risk of beginning work without testing before the capped improved project is low. CalOES supports the cap, and FEMA only needs to sign off on the EHP provisions, which are no different than what was already approved.
	Attached to non-contaminated SLs	Remainder (5,447)	130152	Project scope has breakdown for quantities across 4 size categories.	Currently obligated by FEMA. No need to cap as all testing has been completed.	No risk, may begin work.
Main Lines	Contaminated	79,736 LF	130152	Project scope has breakdown for quantities across 11 size categories	Currently obligated by FEMA. No need to cap as all testing has been completed.	No risk, may begin work.
	Leaking	169	130152	Leak detection report submitted within appeal to restore funding for leaking mains.	Appeal not yet accepted. <b>FEMA has drafted response and it is pending review with management.</b>	Risk is moderate, pending approval of appeal to FEMA.
Reservoir B	Full site	1	76334	Scope is still to replace to pre-disaster design.	FEMA rejected the 406 proposal as being too much of a change in facility design. FEMA suggests pursuing 404 (which we had done and were told to go to PA/406) in conjunction with an improved project to utilize the original repair costs at a capped value. Will request improved project and pursue 404 funding while also pursuing ASADRA/DWSRF funding, to cover our bases or maximize funding. Still waiting on response from CalOES on whether old 404 application can be revived.	Risk is high, cannot begin work until full funding is approved.



## PARADISE IRRIGATION DISTRICT

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

DATE: October 20, 2021  
TO: PID Board of Directors  
FROM: Mickey Rich, Assistant District Manager  
RE: Authorize agreement for grazing at Magalia Reservoir

**Is this a budgeted item?** **No** (The item would require a budget amendment to move \$8,750 from Water Treatment Department to Source of Supply)

### **Recommendation:**

Authorize District Manager to enter into an agreement with Hanski Family Farms, LLC for grazing services in the amount of \$8,750.00 for fuels reduction.

### **Background:**

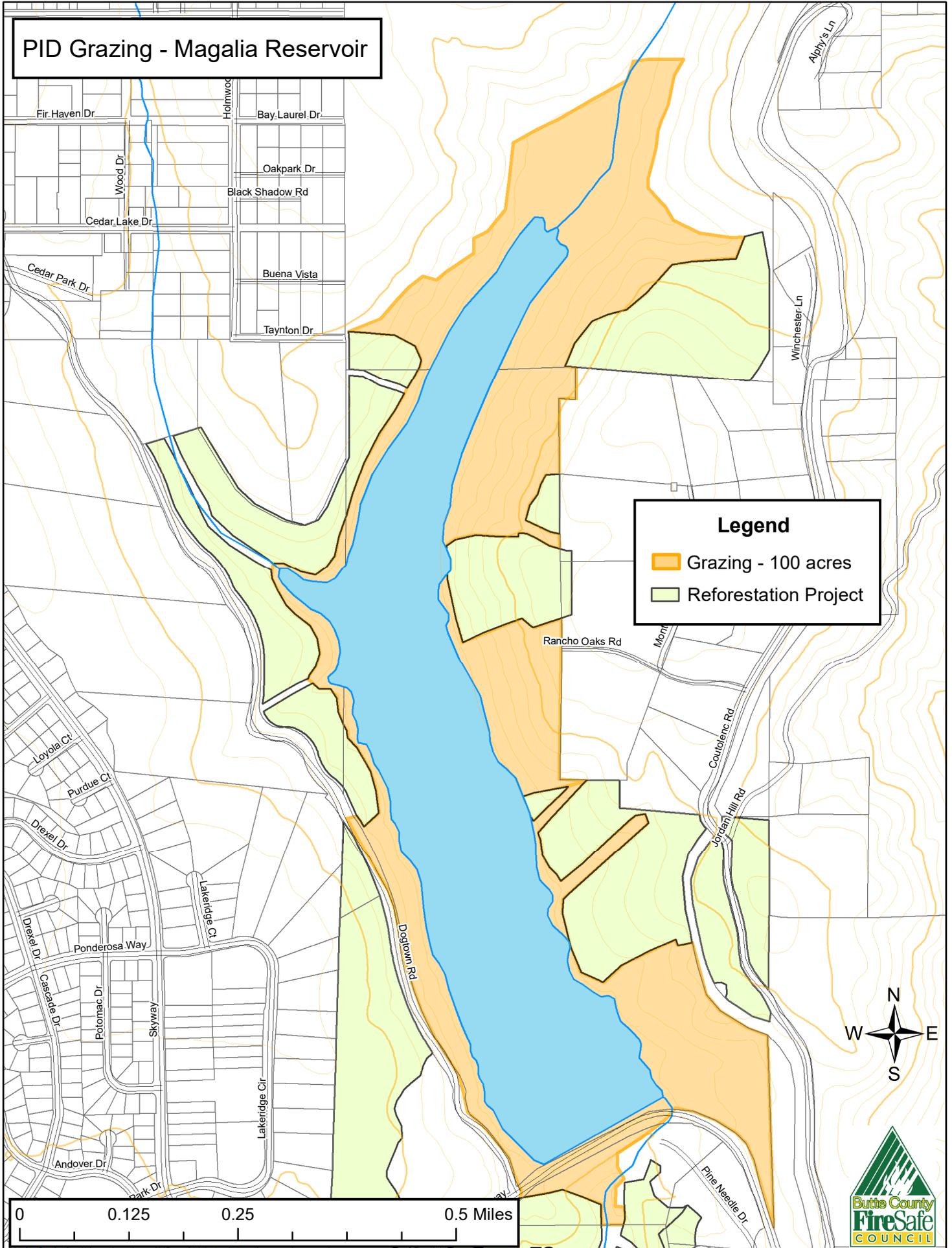
In fall of 2020, the Butte County Fire Safe Council (BCFSC) coordinated grazing on PID land at no cost to PID, within the area of the previous Butte County Forest Health Project. Additionally, they performed a reforestation project on PID lands. The current grazing project would exclude the reforested areas to protect the previously planted seedlings.

The proposed grazing project would be a retreatment of the previously grazed area. The total cost for this grazing project is \$35,000. BCFSC has agreed to pay the remaining \$26,250.00 for the grazing.

The recommended form of motion would be:

"I move to authorize the District Manager to enter into an agreement, subject to legal counsel review, with Hanski Family Farms, LLC for grazing services in the amount not to exceed \$8,750.00 for fuels reduction on PID-owned lands."

# PID Grazing - Magalia Reservoir



**Legend**

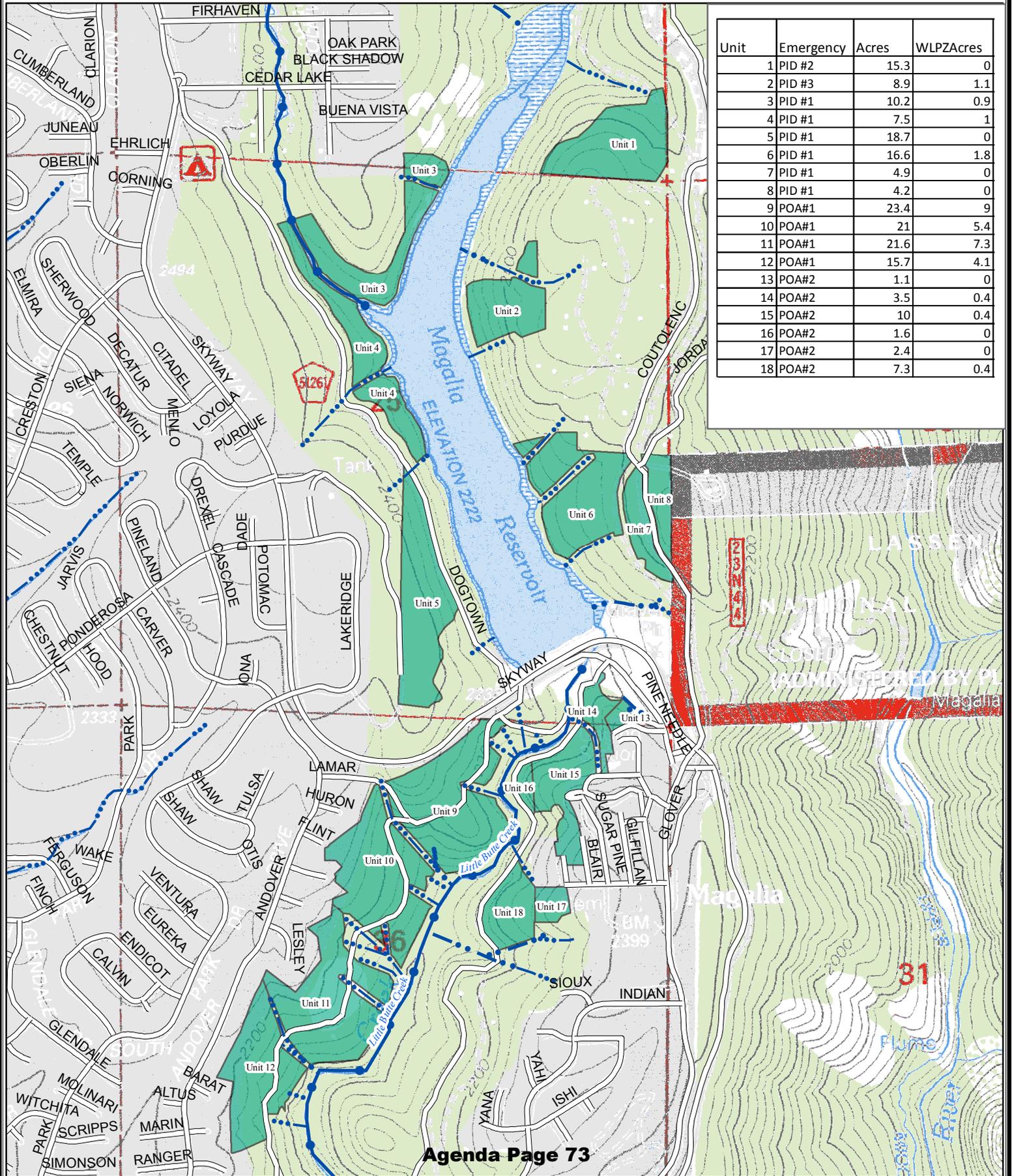
- Grazing - 100 acres
- Reforestation Project



Butte Fire Safe Council  
 POA & PID Forest Restoration  
 Section 24,25,36 T23N R3E MDB&M



1 inch = 1,200 feet





## ***Paradise Irrigation District***

6332 Clark Rd, Paradise CA 95969

Phone: 530-877-4971 Fax: 530-876-0483

[www.paradiseirrigation.com](http://www.paradiseirrigation.com)

January 20, 2011

Sierra Nevada Conservancy  
1521 Blocker Dr., Ste. 205  
Auburn, CA 95603

**RE: Little Butte Creek Forest Health Project**

Dear Sierra Nevada Conservancy,

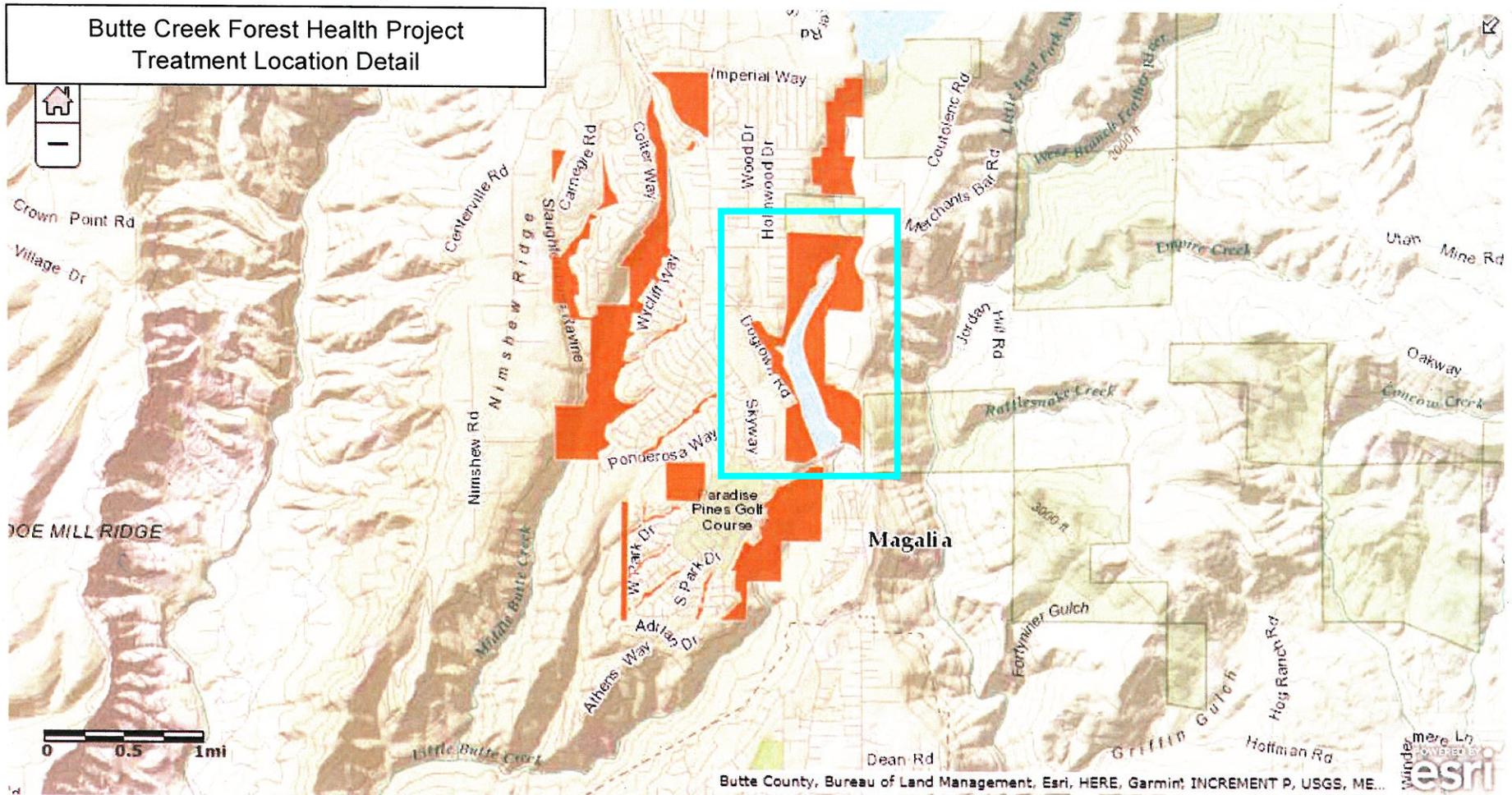
Thank you for your consideration of grant funds for the project titled "Little Butte Creek Forest Health Project" through the Butte County Fire Safe Council.

The purpose of this letter is to assure you that the Paradise Irrigation District is committed to maintaining the health of our forest. Specifically, if successful in receipt of this grant, we will commit to maintaining the project area going forward into the future.

Thank you again,

Sincerely,  
Paradise Irrigation District

George Barber  
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: October 20, 2021  
TO: PID Board of Directors  
FROM: Mickey Rich, Assistant District Manager  
RE: Old Business: Return to monthly billing and billing for water consumption

### Recommendation:

Monthly billing plan developed at the request of the board.

### Proposed return to monthly billing beginning January 2022.

- February 2022 all customers to receive monthly bills.
  - The bill will be for January charges.
  - Customers will be notified on their November and January bills, newsletter, and social media.
  - In January we will do heavy publicity
    - Press release
    - Social media
    - Signs on Clark Road and Skyway
    - E-mail blasts
    - Signs at local agencies & businesses
  
- The cost to return to monthly billing is an approximate
 

○ Increased bill print & postage costs	\$6,100.00 per month
○ Newsletter creation	^ \$4,000 per month
○ Costs for payment acceptance	^ \$600.00 per month
	^ \$1,500 per month

### Phased approach for consumption billing

- Consumption billing will vary by customer depending on their meter install date.
  - Customers will be notified 30 - 40 days prior to first consumption bill.
  - Promote DropCountr download to help customers understand their water-use prior to receiving their first bill.
  - Based on meter install plan, billing implementation process will be repeated approximately 13 times.

SAMPLE -- 45 Day Consumption Billing Implementation Schedule -- SAMPLE	
Activity	Timeframe
Test Data Set 1	Beginning of the month
Send affected customer manually calculated letter	Beginning of the month
Perform Monthly Billing	Between 15 <sup>th</sup> & 20 <sup>th</sup> of the month
Import Data Set 1 into billing system	Cannot occur until previous billing complete
Testing Period	Approximate 20 days
Data Set 1 Consumption Bill	Between 15 <sup>th</sup> & 20 <sup>th</sup> of the following month
Repeat monthly through the end of the metering project	

The recommended form of motion would be:

*“I move to approve returning to monthly billing beginning January 1, 2022, acknowledging billing for consumption will occur as meters are installed according to the proposed implementation schedule.”*



## 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: October 14, 2021

TO: Board of Directors

RE: Water System Recovery and Reservoir B Replacement Project – Recommendation to Adopt CEQA Document at the October 20, 2021 Board of Directors Meeting

### **Recommendation:**

It is recommended that the Paradise Irrigation District (District) Board of Directors adopt Resolution No. 2021-14 adopting an 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 Consulting Services Inc. (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 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 used to assess the potential significance of project-related environmental resource impacts. The MMRP presents mitigation recommendations to reduce potentially significant impacts to less-than-significant levels. Under CEQA, the IS/MND is subject to review by the public and agencies that may have discretionary authority over the project. The Project IS/MND was made publicly available online through the State Office of Planning and Research, State Clearinhouse's CEQAnet Web Portal for the required 30-day Public Scoping review period under CEQA from September 7, 2021 to October 7, 2021. 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.

One comment letter was received from the State Water Resources Control Board, Division of Drinking Water (September 22, 2021), submitted to the State Clearinghouse through its online public document portal. Comments were advisory and do not warrant recirculation of the MND prior to adoption (California Code of Regulations, Title 14, Division 6, Chapter 3, §15073.5). 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 2021-14 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. 2021-14**

### **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 September 7, 2021 to October 7, 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 that will require recirculation of the IS/MND per CEQA Section 15073.5. A Final IS/MND has been prepared to address comments received during public review and includes a Mitigation Monitoring and Reporting Program (MMRP) identified and proposed in the IS/MND that will ensure compliance with the mitigation measures; 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 20<sup>th</sup> day of October, 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

**Notice of Completion & Environmental Document Transmittal**

Mail to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044 (916) 445-0613  
 For Hand Delivery/Street Address: 1400 Tenth Street, Sacramento, CA 95814

<b>SCH #</b>
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**Project Title:** \_\_\_\_\_  
 Lead Agency: \_\_\_\_\_ Contact Person: \_\_\_\_\_  
 Mailing Address: \_\_\_\_\_ Phone: \_\_\_\_\_  
 City: \_\_\_\_\_ Zip: \_\_\_\_\_ County: \_\_\_\_\_

**Project Location:** County: \_\_\_\_\_ City/Nearest Community: \_\_\_\_\_  
 Cross Streets: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
 Longitude/Latitude (degrees, minutes and seconds): \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" N / \_\_\_\_\_° \_\_\_\_\_' \_\_\_\_\_" W Total Acres: \_\_\_\_\_  
 Assessor's Parcel No.: \_\_\_\_\_ Section: \_\_\_\_\_ Twp.: \_\_\_\_\_ Range: \_\_\_\_\_ Base: \_\_\_\_\_  
 Within 2 Miles: State Hwy #: \_\_\_\_\_ Waterways: \_\_\_\_\_  
 Airports: \_\_\_\_\_ Railways: \_\_\_\_\_ Schools: \_\_\_\_\_

**Document Type:**

CEQA: <input type="checkbox"/> NOP	<input type="checkbox"/> Draft EIR	NEPA: <input type="checkbox"/> NOI	Other: <input type="checkbox"/> Joint Document
<input type="checkbox"/> Early Cons	<input type="checkbox"/> Supplement/Subsequent EIR	<input type="checkbox"/> EA	<input type="checkbox"/> Final Document
<input type="checkbox"/> Neg Dec	(Prior SCH No.) _____	<input type="checkbox"/> Draft EIS	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Mit Neg Dec	Other: _____	<input type="checkbox"/> FONSI	_____

**Local Action Type:**

<input type="checkbox"/> General Plan Update	<input type="checkbox"/> Specific Plan	<input type="checkbox"/> Rezone	<input type="checkbox"/> Annexation
<input type="checkbox"/> General Plan Amendment	<input type="checkbox"/> Master Plan	<input type="checkbox"/> Prezone	<input type="checkbox"/> Redevelopment
<input type="checkbox"/> General Plan Element	<input type="checkbox"/> Planned Unit Development	<input type="checkbox"/> Use Permit	<input type="checkbox"/> Coastal Permit
<input type="checkbox"/> Community Plan	<input type="checkbox"/> Site Plan	<input type="checkbox"/> Land Division (Subdivision, etc.)	<input type="checkbox"/> Other: _____

**Development Type:**

<input type="checkbox"/> Residential: Units _____ Acres _____	<input type="checkbox"/> Transportation: Type _____
<input type="checkbox"/> Office: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Mining: Mineral _____
<input type="checkbox"/> Commercial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Power: Type _____ MW _____
<input type="checkbox"/> Industrial: Sq.ft. _____ Acres _____ Employees _____	<input type="checkbox"/> Waste Treatment: Type _____ MGD _____
<input type="checkbox"/> Educational: _____	<input type="checkbox"/> Hazardous Waste: Type _____
<input type="checkbox"/> Recreational: _____	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Water Facilities: Type _____ MGD _____	

**Project Issues Discussed in Document:**

<input type="checkbox"/> Aesthetic/Visual	<input type="checkbox"/> Fiscal	<input type="checkbox"/> Recreation/Parks	<input type="checkbox"/> Vegetation
<input type="checkbox"/> Agricultural Land	<input type="checkbox"/> Flood Plain/Flooding	<input type="checkbox"/> Schools/Universities	<input type="checkbox"/> Water Quality
<input type="checkbox"/> Air Quality	<input type="checkbox"/> Forest Land/Fire Hazard	<input type="checkbox"/> Septic Systems	<input type="checkbox"/> Water Supply/Groundwater
<input type="checkbox"/> Archeological/Historical	<input type="checkbox"/> Geologic/Seismic	<input type="checkbox"/> Sewer Capacity	<input type="checkbox"/> Wetland/Riparian
<input type="checkbox"/> Biological Resources	<input type="checkbox"/> Minerals	<input type="checkbox"/> Soil Erosion/Compaction/Grading	<input type="checkbox"/> Growth Inducement
<input type="checkbox"/> Coastal Zone	<input type="checkbox"/> Noise	<input type="checkbox"/> Solid Waste	<input type="checkbox"/> Land Use
<input type="checkbox"/> Drainage/Absorption	<input type="checkbox"/> Population/Housing Balance	<input type="checkbox"/> Toxic/Hazardous	<input type="checkbox"/> Cumulative Effects
<input type="checkbox"/> Economic/Jobs	<input type="checkbox"/> Public Services/Facilities	<input type="checkbox"/> Traffic/Circulation	<input type="checkbox"/> Other: _____

**Present Land Use/Zoning/General Plan Designation:**

**Project Description:** (please use a separate page if necessary)

## Reviewing Agencies Checklist

Lead Agencies may recommend State Clearinghouse distribution by marking agencies below with an "X".  
If you have already sent your document to the agency please denote that with an "S".

<input type="checkbox"/> Air Resources Board	<input type="checkbox"/> Office of Historic Preservation
<input type="checkbox"/> Boating & Waterways, Department of	<input type="checkbox"/> Office of Public School Construction
<input type="checkbox"/> California Emergency Management Agency	<input type="checkbox"/> Parks & Recreation, Department of
<input type="checkbox"/> California Highway Patrol	<input type="checkbox"/> Pesticide Regulation, Department of
<input type="checkbox"/> Caltrans District # _____	<input type="checkbox"/> Public Utilities Commission
<input type="checkbox"/> Caltrans Division of Aeronautics	<input type="checkbox"/> Regional WQCB # _____
<input type="checkbox"/> Caltrans Planning	<input type="checkbox"/> Resources Agency
<input type="checkbox"/> Central Valley Flood Protection Board	<input type="checkbox"/> Resources Recycling and Recovery, Department of
<input type="checkbox"/> Coachella Valley Mtns. Conservancy	<input type="checkbox"/> S.F. Bay Conservation & Development Comm.
<input type="checkbox"/> Coastal Commission	<input type="checkbox"/> San Gabriel & Lower L.A. Rivers & Mtns. Conservancy
<input type="checkbox"/> Colorado River Board	<input type="checkbox"/> San Joaquin River Conservancy
<input type="checkbox"/> Conservation, Department of	<input type="checkbox"/> Santa Monica Mtns. Conservancy
<input type="checkbox"/> Corrections, Department of	<input type="checkbox"/> State Lands Commission
<input type="checkbox"/> Delta Protection Commission	<input type="checkbox"/> SWRCB: Clean Water Grants
<input type="checkbox"/> Education, Department of	<input type="checkbox"/> SWRCB: Water Quality
<input type="checkbox"/> Energy Commission	<input type="checkbox"/> SWRCB: Water Rights
<input type="checkbox"/> Fish & Game Region # _____	<input type="checkbox"/> Tahoe Regional Planning Agency
<input type="checkbox"/> Food & Agriculture, Department of	<input type="checkbox"/> Toxic Substances Control, Department of
<input type="checkbox"/> Forestry and Fire Protection, Department of	<input type="checkbox"/> Water Resources, Department of
<input type="checkbox"/> General Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Health Services, Department of	<input type="checkbox"/> Other: _____
<input type="checkbox"/> Housing & Community Development	
<input type="checkbox"/> Native American Heritage Commission	

### Local Public Review Period (to be filled in by lead agency)

Starting Date \_\_\_\_\_ Ending Date \_\_\_\_\_

### Lead Agency (Complete if applicable):

Consulting Firm: _____	Applicant: _____
Address: _____	Address: _____
City/State/Zip: _____	City/State/Zip: _____
Contact: _____	Phone: _____
Phone: _____	

Signature of Lead Agency Representative: Tom Lando Date: \_\_\_\_\_  
Tom Lando, District Manager

Authority cited: Section 21083, Public Resources Code. Reference: Section 21161, Public Resources

Code.

# **NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION FOR THE PROPOSED PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

**Paradise Irrigation District  
6332 Clark Road, Paradise, CA 95969**

## **Introduction**

This Notice of Intent serves as public notice that Paradise Irrigation District (PID) has prepared an Initial Study and proposes to adopt a Mitigated Negative Declaration for the Reservoir B replacement element of the PID Water System Recovery and Reservoir B Replacement Project (proposed project). A Mitigated Negative Declaration has been prepared because no substantial evidence exists that the proposed project may have a significant environmental effect that cannot be fully mitigated to a less-than-significant level. The proposed Mitigated Negative Declaration does not signify approval or disapproval of this project by PID's decision-making body. The PID will consider the proposed Mitigated Negative Declaration together with any comments received during the public review process to determine whether the proposed project would have a heretofore unidentified significant impact on the environment.

## **Project Location**

The project would be in PIDs 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 PIDs 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 water distribution system replacement element is shown on the *Paradise East, Paradise West, Cherokee, and Hamlin Canyon, California* 7.5-minute U.S. Geological Survey quadrangles, Township 22N, Range 3E, Sections 1-3, 9-16, 20-29, and 33-36; Township 22N R4E, Sections 6, 7, 18, 19, and 30; Township 23N, Range 3E, Section 36; and Township 23N, Range 4E, Section 31. 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).

## **Project Description**

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.

Prior to the Camp Fire, the distribution system supplied potable water to 10,507 connections serving a population of approximately 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 Element*

- Reservoir B replacement

*Water Distribution System Replacement Element*

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

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

**Review Period**

As mandated by Public Resources Code § 21091, the minimum public review period for this Initial Study and proposed Mitigated Negative Declaration is 30 days. The document has been sent to the State Clearinghouse. This document is open to public review and comment from Tuesday, September 7, 2021, through Thursday, October 7, 2021. **Comments must be received by 5 p.m. on the last day of the comment period, Thursday, October 7, 2021.** Any comments on the document may be presented in writing to:

Paradise Irrigation District  
Attn: Tom Land, Interim District Manager  
6332 Clark Road  
Paradise, CA 95969  
Phone: (530) 624-2939

**Document Availability**

Copies of the Public Draft Initial Study and Proposed Mitigated Negative Declaration and supporting technical studies are available for review at the following location:

Paradise Irrigation District  
6332 Clark Road  
Paradise, CA 95969



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

Final Mitigated Negative Declaration  
and Initial Study  
(SCH #2021040273)

October 15, 2021

CEQA Lead Agency:

Paradise Irrigation District  
6332 Clark Road  
Paradise, CA 95969  
(530) 876-2067  
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**

Final Mitigated Negative Declaration and Initial Study

**Table of Contents**

**ABBREVIATIONS AND ACRONYMS .....III**

**PROJECT INFORMATION..... IV**

**CHAPTER 1.0 INTRODUCTION..... 1**

1.1 INTRODUCTION AND REGULATORY GUIDANCE..... 1

1.2 LEAD AGENCY..... 1

1.3 SUPPORTING TECHNICAL STUDIES ..... 2

1.4 DOCUMENT ORGANIZATION..... 2

**CHAPTER 2.0 PROJECT DESCRIPTION..... 3**

2.1 LOCATION..... 3

2.2 PROJECT PURPOSE AND NEED ..... 3

2.3 EXISTING FACILITIES..... 3

2.4 STORAGE CAPACITY AND WATER DEMAND..... 6

2.5 PROPOSED PROJECT ..... 7

    2.5.1 Water System Recovery.....8

    2.5.2 Reservoir B Replacement .....9

2.6 PROJECT DESIGN CRITERIA AND BEST MANAGEMENT PRACTICES.....12

    2.6.1 Contractor Staging Areas/Construction Access Routes.....12

    2.6.2 Conservation Measures .....12

2.7 PROJECT APPROVALS .....14

    2.7.1 Funding Sources.....14

    2.7.2 Anticipated Permits and Regulatory Approvals.....15

2.8 TENTATIVE PROJECT CONSTRUCTION SCHEDULE .....15

**CHAPTER 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES.....16**

3.1 ENVIRONMENTAL SETTING .....17

    3.1.1 Regional Setting.....17

    3.1.2 Local Setting .....17

3.2 ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES .....20

**CHAPTER 4.0 DETERMINATION .....49**

**CHAPTER 5.0 COMMENTS AND RESPONSES TO COMMENTS .....50**

5.1 RESPONSES TO LETTER A COMMENTS.....54

**CHAPTER 6.0 MITIGATION MONITORING AND REPORTING PROGRAM.....55**

6.1 CONSERVATION MEASURES.....57

    6.1.1 Conservation Measure #1—Air Pollution and Dust Control .....57

    6.1.2 Conservation Measure #2—Water Pollution Prevention .....57

    6.1.3 Conservation Measure #3—Greenhouse Gas Emissions.....59

    6.1.4 Conservation Measure #4—Wildfire Potential .....59

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

6.1.5 Conservation Measure #5—Prevention of Spread of Invasive Species .....59

6.2 MITIGATION MEASURES.....59

6.2.1 Biological Resources.....59

6.2.2 Cultural Resources.....60

**CHAPTER 7.0 REPORT PREPARATION .....62**

7.1 PARADISE IRRIGATION DISTRICT – CEQA LEAD AGENCY .....62

7.2 STANTEC – ENVIRONMENTAL COMPLIANCE .....62

7.3 WATER WORKS ENGINEERS, LLC – PRELIMINARY DESIGN ENGINEERING.....62

**CHAPTER 8.0 REFERENCES .....63**

**LIST OF TABLES**

Table 1. Pre- and Post-fire Storage Volume Requirements ..... 7

Table 2. Maximum Allowable Noise Exposure to Non-Transportation Sources .....38

**LIST OF FIGURES**

Figure 1. Paradise Irrigation District Service Area ..... 4

Figure 2. Project Location and Vicinity Map – Reservoir B ..... 5

Figure 3. Paradise Irrigation District – Water Main Distribution System and Pressure Zones .....10

Figure 4. Proposed Layout – Reservoir B.....11

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 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
MMPR	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**

Final Mitigated Negative Declaration and Initial Study

**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 9596
  
- 3. Contact Person and Phone Number** Kevin Phillips, District Manager  
Paradise Irrigation District  
(530) 877-4971
  
- 4. Project Location**

The recovery project is composed of two elements, both of which are in the town of Paradise, Butte County, California. The water distribution system element of the proposed project is aligned throughout Paradise and involves numerous parcels. It is within Township 22N, Range 3E, Sections 1-3, 9-16, 20-29, and 33-36; Township 22N R4E, Sections 6, 7, 18, 19, and 30; Township 23N, Range 3E, Section 36; and Township 23N, Range 4E, Section 31.

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)

Water Distribution System Element  
Multiple General Plan Designations, including but not limited to Central Commercial (CC), Community Service (CS), Light Industrial (LI), Multi-Family Residential (MF), Neighborhood Commercial (NC), Public Institutional (PI), Rural Residential (RR), and Town Residential (TR)

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 7. Zoning

### Reservoir B Element

- Community Facilities (CF)
- Multiple-Family Residential (MF)
- Town Residential (1/2 acre min) (TR ½)

### Water Distribution System Element

- Multiple Zoning Designations, including but not limited to Central Business (CB), Community Commercial (CC), Community Facilities (CF), Multiple Family Residential (MF), Rural Residential (RR), and Town Residential (TR)

## 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 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 Element*

- Reservoir B replacement

### *Water Distribution System Replacement Element*

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

## 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

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 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. Damage to PID's infrastructure from the fire was widespread. This IS/MND evaluates the proposed recovery project composed of the following elements:

#### *Reservoir B Replacement Element*

- Reservoir B replacement

#### *Water Distribution System Replacement Element*

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

The initial Paradise Irrigation District Zone A Pump Station, Transmission Main, and Reservoir B Replacement Project was approved by adoption of a CEQA MND in October 2018 (State Clearinghouse Number 2018082044), which 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 project that was previously adopted; 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.
- Inclusion of the water system recovery components including replacement of meters, mains, and service laterals

### 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

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

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.

## 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.

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## CHAPTER 2.0 PROJECT DESCRIPTION

### 2.1 LOCATION

The project would be in PIDs 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 PIDs 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 water distribution system replacement element is shown on the *Paradise East, Paradise West, Cherokee, and Hamlin Canyon, California* 7.5-minute U.S. Geological Survey quadrangles, Township 22N, Range 3E, Sections 1-3, 9-16, 20-29, and 33-36; Township 22N R4E, Sections 6, 7, 18, 19, and 30; Township 23N, Range 3E, Section 36; and Township 23N, Range 4E, Section 31. 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 water distribution system was mostly aligned in Paradise's network of streets. It provided potable water throughout the town for residential and commercial uses. The system alignment passed through areas disturbed by urban development interspersed with semi-natural habitat (e.g., small tree stands). Land ownership is both private and PID-owned parcels.

The 5.9-acre Reservoir B replacement project area included a covered reservoir (Reservoir B), distribution infrastructure, and adjacent areas. Similar to the water distribution system, the land in the reservoir area and vicinity 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

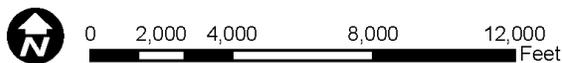
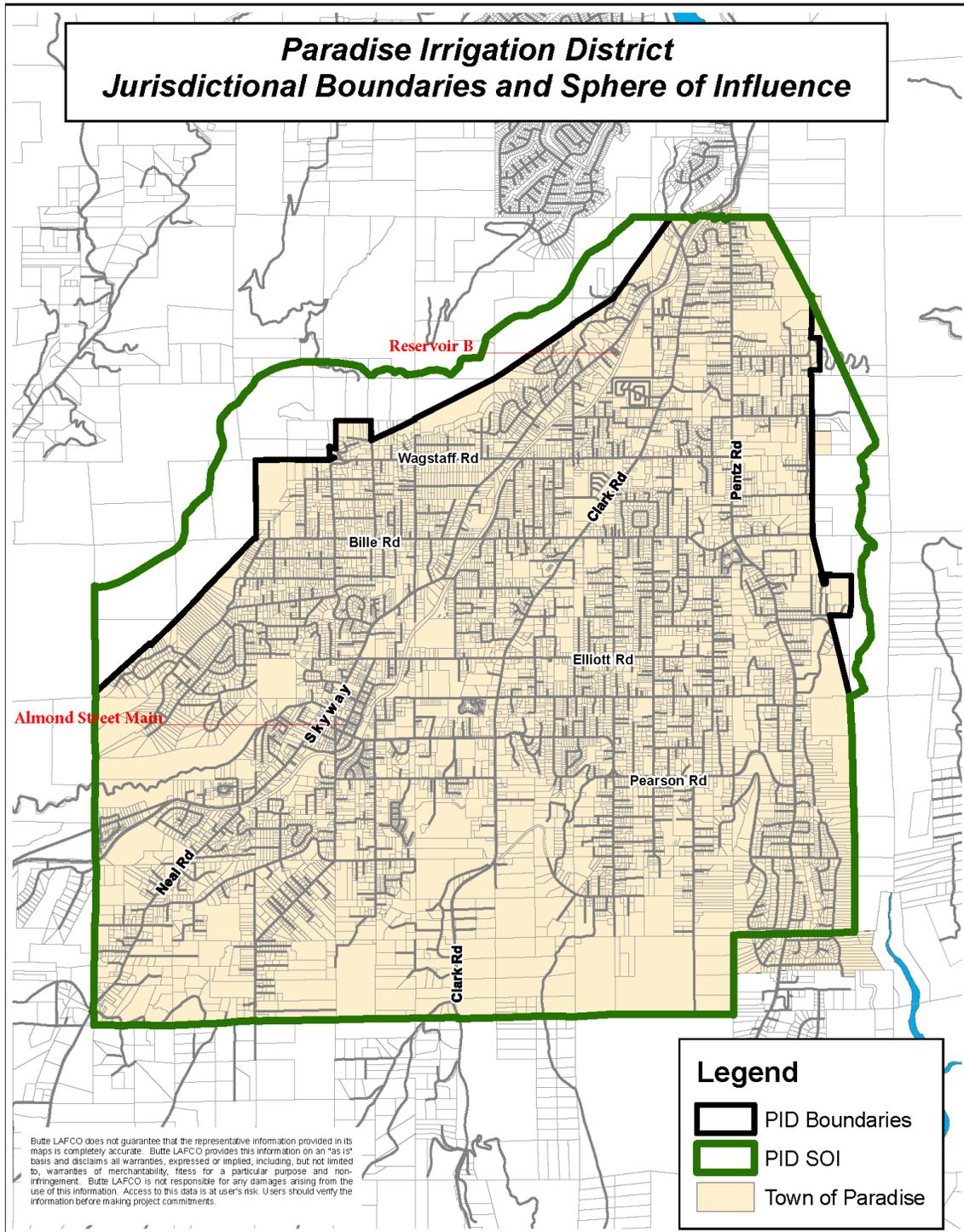
The purpose of the project is to repair and replace critical potable water and distribution system infrastructure that was damaged by the Camp Fire in 2018. The project is needed to sustain operations and provide water for the anticipated post-fire re-build population within the PID service boundary.

### 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. The 42-inch gravity transmission line alignment roughly parallels Little Butte Creek. Reservoir B is integral to the other reservoirs in the system, gravity feeding into reservoirs C, D, and E. Reservoir A is supplied water via Pump Station #2 in Zone B of the distribution system.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study



**Figure 1. Paradise Irrigation District Service Area**

Map prepared by Butte LAFCo, March 5, 2013

**Figure 1. Paradise Irrigation District Service Area**

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

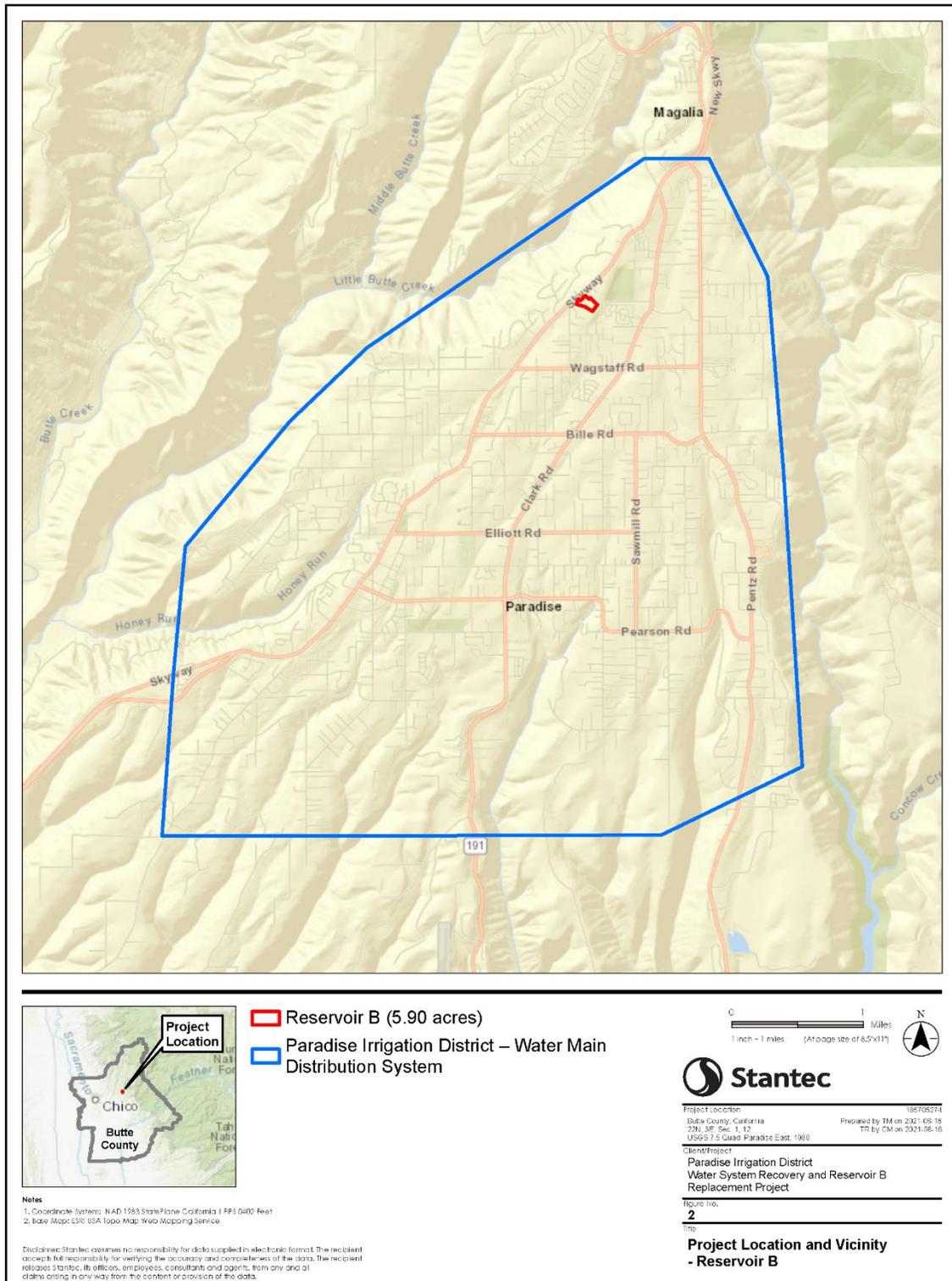


Figure 2. Project Location and Vicinity Map – Reservoir B

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

## Final Mitigated Negative Declaration and Initial Study

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.

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 PIDs 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 PIDs 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).

## 2.4 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 use in Paradise comprises 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 element will return necessary storage volume to PID.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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

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 replacement of Reservoir B. According to preliminary engineering calculations which account for maximum day demand and fire-fighting storage volume for a wildland interface, the system may have a storage deficit of 2.35 MG at a population of 13,100 people after the Reservoir B replacement is complete.

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

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.

**2.5 PROPOSED PROJECT**

The proposed project includes water system recovery and rehabilitation elements and replacement of Reservoir B. Section 3 presents an assessment of the water distribution system and Reservoir B, both of which were substantially affected by the Camp Fire in 2018.

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 2.5.1 Water System Recovery

The Camp Fire resulted in the widespread damage of critical water service infrastructure. Water system recovery would involve replacement and repair of PID's water distribution system. This element of the project would include the following:

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

### 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 help ensure the removal of underperforming pipe, reduce failure risk, reduce maintenance demands, and help 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. Additionally, 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 these 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.

### Meter Replacement

Prior to the fire, PID used a combination of Badger (75%) and Zenner (25%) metering system to record water use data. The Badger 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. PID also adopted a standard response to the fire and mass fire suppression system installations in new buildings requiring the 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

## **PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

### Final Mitigated Negative Declaration and Initial Study

disturbance would be required for each meter replaced (5,897 sites) totaling approximately 147,425 square feet for this element of the project.

### **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. These contaminated main sections cannot be cleaned by flushing alone and would undergo replacement. Approximately 12 square feet of ground disturbance would be required per linear foot of main replacement totaling 953,592 square feet for the project (Figure 3).

PID uses a system of pressure zones to refer to different areas within its distribution system (Figure 3). These zones are defined by pressure breaks. Because of the general north to south slope of the local topography, distribution pressure increases with distance from PID's water treatment plant located north of town. PID has set up pressure zone breaks determined by pressure reducing valves set at the pressure zone boundaries. These zone breaks reduce the service pressures to appropriate ranges for the pressure zone (usually 40-80 pounds per square inch).

### **2.5.2 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 4.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**  
 Final Mitigated Negative Declaration and Initial Study

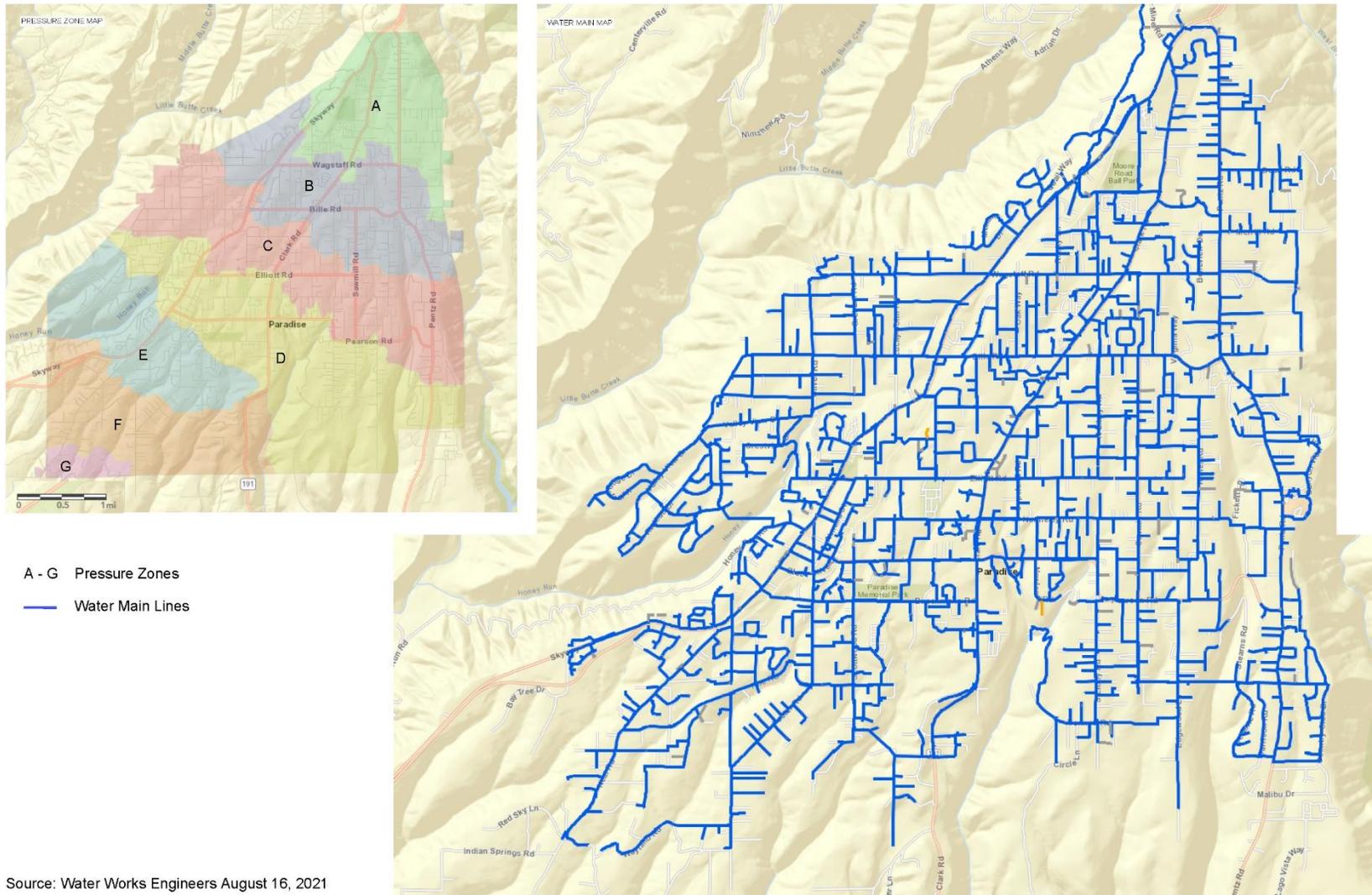
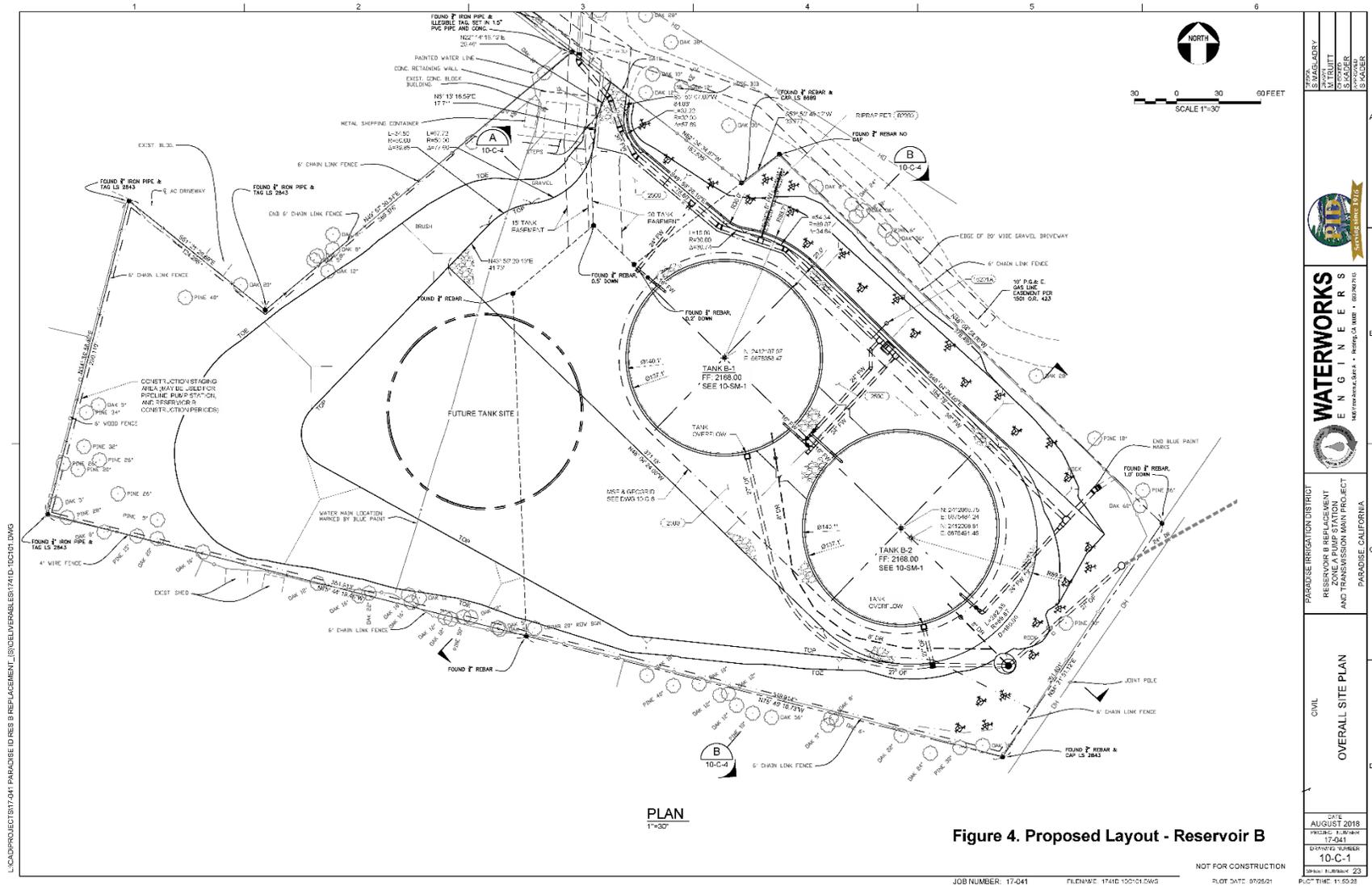


Figure 3 Paradise Irrigation District – Water Main Distribution System and Pressure Zones

**Figure 3. Paradise Irrigation District – Water Main Distribution System and Pressure Zones**

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**  
 Final Mitigated Negative Declaration and Initial Study



**Figure 4. Proposed Layout – Reservoir B**

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 2.6 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.

### 2.6.1 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 and along existing roads throughout the water system recovery alignment. Construction access would make use of existing public and PID roads.

### 2.6.2 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

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

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.

## **PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

### **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.
- See 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 help ensure the species does not spread to other areas.

## **2.7 PROJECT APPROVALS**

### **2.7.1 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.

## **PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

### **2.7.2 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 Notice of Determination to adopt a Mitigated Negative Declaration – Water System Recovery and Reservoir B replacement element
- Stormwater Pollution Prevention Plan Approval (Central Valley Regional Water Quality Control Board)
- Water Supply Permit (State Water Resources, Division of Drinking Water)

#### **State Water Resources Control Board – Water Supply Permit**

Plans and specifications of the proposed project will be submitted to the SWRCB-DDW for review and approval along with an Application for Domestic Water Supply Permit Amendment. Following approval of the modifications to the system, DDW will approve the Amendment and modify the permit accordingly. The water supply permit will not be issued until compliance with CEQA has been fulfilled.

## **2.8 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 2022 with completion in January 2023
- 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

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 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 proposed project.

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).

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## 3.1 ENVIRONMENTAL SETTING

### 3.1.1 Regional Setting

PID's water distribution system recovery alignment and Reservoir B lie 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

The project is in the town of Paradise in central Butte County, California. Reservoir B is located on private and PID lands, while the water distribution system portion of the project is aligned in the town of Paradise's commercial and residential districts.

#### 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 and water distribution system included in this project were established PID facilities prior to the Camp Fire in October 2018.

#### Topography

The town of Paradise is largely situated on a broad ridgetop that separates the Feather River watershed to the east from the Butte Creek watershed to the west. The topography within and adjacent to the project

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

## Final Mitigated Negative Declaration and Initial Study

area is gently sloping. Elevation in the project area ranges from about 1,700 to 2,180 feet above mean sea level and slopes upward from west to east.

### Hydrological Setting

No hydrologic features occur in the Reservoir B facility footprint. Replacement of the water distribution system would follow the pre-fire alignment; therefore, no new encroachments into hydrologic features are anticipated. 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

Numerous soil map units occur throughout the water distribution system alignment (Natural Resources Conservation Service 2021). These include Ultra Haploxeralfs, mesic-Rockstripe complex, Schott very gravelly loam, Oroshore-Mounthope-Dunstone, and Paradiso Loam. These soil map unit types are well-drained to poorly drained and are not hydric.

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

The project area 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 the project area. 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 the project area is low (Butte County 2012).

### Vegetation Community Types

The project area and vicinity were largely developed prior to the fire in 2018. Vegetation communities occurring in the project area were characterized based on descriptions provided in *A Manual of California Vegetation* (Sawyer et al. 2009). The following vegetation types occur in the project area:

#### 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*).

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

#### California Black Oak Forest

California black oak forest occurs in low abundance in the project area. This habitat is strongly dominated by California black oak (*Quercus kelloggii*), with other trees such as canyon live oak (*Quercus chrysolepis*) and ponderosa pine (*Pinus ponderosa*) occurring in low abundance. This habitat has a relatively dense canopy cover and a sparse understory dominated by shrubs such as poison oak and toyon, and a mix of native and non-native grasses and forbs.

#### Canyon Live Oak Forest

Canyon live oak forest also occurs in relatively low abundance in the project area. This habitat is dominated by dense stands of canyon live oak but is otherwise similar in species composition to California black oak forest.

#### Ponderosa Pine Forest

Ponderosa pine forest was present throughout much of the Paradise area 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 most pines in the town, and in some areas, early successional shrubs and small trees are currently dominant. The landscape has scattered shrubs such as poison oak and Scotch broom (*Cytisus scoparius*) with non-native annual grasses and ruderal herbaceous species.

#### Urban/Ruderal

Urban/ruderal habitat includes much of the developed part of Paradise, and 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).

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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.** Neither replacement of the water distribution system nor Reservoir B would affect a scenic vista or scenic resources. Neither is present in the project area.

c) **Less-than-Significant Impact.** Water distribution system components would be consistent with conditions that existed prior to the Camp Fire—mostly subsurface with minor above-ground features such as concrete meter boxes. Construction would occur in an area that is heavily disturbed by concurrent post-fire reconstruction.

The new water tanks at Reservoir B would be partially obscured by the adjacent topography. The exterior walls of the tanks would be painted, although it is anticipated that the tank domes would not be painted. The areas around the tanks would be landscaped with vegetation (i.e., tall trees) to help mask them from nearby residences. Travelers along Skyway may have brief views of the new tanks as they pass by the project area, but the tanks would not substantially alter views from the road.

d) **Less-than-Significant Impact.** During project construction, there may be some nighttime lighting in place along the water distribution system alignment as a matter of public safety. However, no lighting would be needed for operation of the water system.

Nighttime lighting associated with the proposed Reservoir B 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 were 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

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

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.

**Mitigation Measures**

No project-specific mitigation is required under this subject.

**II. AGRICULTURAL AND FOREST RESOURCES**

<p>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:</p>	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
<p>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?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>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))?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>d) Result in loss of forest land or conversion of forest land to non-forest use?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>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?</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**Discussion of Impacts**

- a) **No Impact.** No parcels in the project area 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. The project would have no impact on Prime Farmland, Unique Farmland, or Farmland of Statewide Importance.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

- b) **No Impact.** No parcels in project area or its vicinity are zoned for agricultural use (Town of Paradise Planning Department 2021). No parcels in project area or its vicinity are under a Williamson Act contract (Butte County 2016). Replacement of the water distribution system and Reservoir B would not conflict with existing zoning and would have no impact on agriculture.
- c, d, e) **No Impact.** The project area 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. The water distribution system alignment would generally follow pre-fire distribution layouts. Although some tree removal would occur at Reservoir B and may be necessary to extend the water distribution system to newly rebuilt homes and businesses, 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.** Project construction 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 the water distribution system and 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.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

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 temporary increases in emissions 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 temporary 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 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 help ensure that any construction-related impacts would be less than significant.

Operation of the water distribution system would have no impact on criteria air pollutants.

c) **Less-than-Significant Impact.** Potentially sensitive receptors to air quality impacts are in varying degrees of re-build throughout Paradise. 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 the project area and vicinity. Impacts on air quality experienced by sensitive receptors because of the project would be less than significant.

d) **No Impact.** The project 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"/>

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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"/>
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.

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

- **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 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.

The water distribution system recovery footprint would follow preexisting distribution lines, mainly in established road right of ways. These areas have been previously disturbed by substantial residential, commercial, and industrial development, and subsequently were substantially affected by the Camp Fire. It is anticipated that biological resource conditions previously assessed by Stantec in 2018 for the Reservoir B and northern water distribution system would be consistent with those of the water distribution system element of the current project. Conservation and mitigation measures described herein will be used throughout the project area to avoid or reduce potential impacts on biological resources to a less-than-significant level.

- b) **No Impact.** No rare natural communities occur in the project area. 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. The water distribution system recovery footprint would follow preexisting distribution lines. 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 and the pre-fire general water distribution system alignment. These activities would not impede movement of wildlife or fragment migration corridors. The project area 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. The project would have no impact on fish or wildlife movement or nursery sites.

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

## Final Mitigated Negative Declaration and Initial Study

- e) **No Impact.** The project 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 the project area. Replacement of Reservoir B and the water distribution system would not conflict with any local, regional, or state conservation plans. The project 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 impacts would be expected. If the nesting season cannot be completely avoided, the following measures shall be implemented.
  - To the extent practicable, vegetation should be removed outside of the nesting season. In areas where project activities will not result in vegetation removal or where project activities will not result in increased disturbance over existing conditions (e.g., noise, vibration, construction equipment, human activity), no surveys for nesting birds are required. In areas where vegetation removal or increases in disturbance will occur during the nesting season, measures to avoid the potential for disturbance to active nests will be implemented. These measures may include, but are not limited to, pre-construction identification of project segments where nesting birds could be a concern if activities were to occur during the nesting season, conducting worker environmental awareness training (WEAT) for project personnel, pre-construction inspections for nesting birds conducted by a biologist/biological monitor or other trained personnel, establishing construction-free buffers around active nest sites, monitoring active nests for signs of disturbance resulting from construction activities, and delaying or modifying construction activities if nesting birds are showing signs of disturbance. Inspections for active nests should be conducted by a qualified biologist if a significant amount of vegetation will be disturbed at a location during the nesting season (e.g., multiple large trees, large swaths of dense vegetation). If vegetation removal at a location is minimal (e.g., landscape bushes) or active nests within 20 feet of the active construction would be easily detectable, construction personnel may conduct the inspections for active nests if the procedures for the inspections were included in the WEAT training and the construction personnel successfully completed the WEAT training. If active nests are found, a qualified biologist should be consulted to assist in determining an appropriate size for construction-free buffers and to conduct monitoring as needed.

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

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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 and distribution line 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. The water distribution system recovery footprint would follow preexisting distribution lines, mainly in established road right of ways. These areas have been exposed to repeated disturbances by urban and infrastructure development, and more recently, the Camp Fire. In accordance with Section 106 of the National Historic Preservation Act, there would be no adverse effect on cultural resources as a result of project activities. The project would have no impact on cultural resources.
- 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. The project 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 project 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 project area 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

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

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 project 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

**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 project construction. This would not be considered wasteful, inefficient, or unnecessary consumption of energy resources. The project will comply with state and Butte County plans for energy efficiency.

**Mitigation Measures**

No project-specific mitigation is required under this subject.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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"/>
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 project area 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 project area, construction would not result in the rupture of any known fault. Due to the lack of active faults near the project, construction and operation would not expose people or structures to seismic ground shaking or seismic-related ground failure. Topography in and around the project area 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 would require soil excavation throughout the project area. Trenching along parts of the existing water distribution system alignment would be needed to reach some recovery installation sites. Excavated soils would be used to backfill trenches.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

Construction activities in the Reservoir B facility would include soil grading to create suitable replacement tank locations and uniformity throughout the site. Approximately 4.48 acres would be affected by grading.

Overall soil loss would be minimal with use 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 throughout the project area as appropriate using drainage control devices and use of the existing stormwater system. The project 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, particularly 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.** The project does not involve wastewater facilities.

**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

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

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 the project 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 the project 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 temporary 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 help ensure that impacts related to project 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 produced by fuel-combustion engines. Project 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. The project 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"/>

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

Would the project:	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
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 checked="" type="checkbox"/>	<input 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 project 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 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.** There are several private and public schools in the town of Paradise. Although some of them were lost to the Camp Fire, many are in varying degrees of rebuild. Because the project would be constructed in PID’s pre-fire water distribution alignments and existing facilities it 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.

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

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). Extensive Phase 2 cleanup has occurred throughout much of the town of Paradise, including much of the water distribution system recovery area (Butte County 2021).

- e) **No Impact.** The privately-owned Paradise Skypark Airport is approximately 4.8 miles south of Reservoir B and about 2.5 miles south of the southern water distribution system boundary. The project area 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). The project would have no impact on the airport.
- f) **Less-than-Significant Impact.** The project would require temporary road closures during trenching and installation of new water distribution system components. However, traffic controls such as flaggers or signage, and the extensive network of area roads would be used to maintain through traffic during construction. These temporary road closures may be as short as a few minutes or as long as a few days. Construction at Reservoir B would not require any road closures.

The project would not substantially interfere with an adopted emergency response plan or emergency evacuation plan. The project would have a less-than-significant impact on emergency plans.

- g) **Less-than-Significant Impact.** Although the project 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. Project operation would have no impact on wildfire potential.

### Mitigation Measures

No project-specific mitigation is required under this subject.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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 off-site; 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 the project 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 the project 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 the water distribution system and 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 at the Reservoir B

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

site would remain similar to current conditions with surface runoff traveling east toward the existing connection to the stormwater system. Stormwater runoff patterns at the Reservoir B site may be slightly modified by vegetation removal and changes in contours but would be similar to pre-existing conditions— infiltration into the soil or directed into the existing stormwater drain on the east side of the Reservoir B site.

Contours would not be affected by trenching and other construction activities associated with the water distribution system recovery effort. Areas disturbed by construction of this project element would be restored to pre-existing contours. Stormwater runoff in the water distribution system part of the project would continue to be conveyed into the town’s existing storm drain system.

No substantial areas of new additional impervious surface areas would be created as a result of construction. The proposed Reservoir B tanks would occupy an area similar to the previous Reservoir B facilities. Similarly, the water distribution system would replace pre-existing infrastructure. The project would not create a substantial increase in stormwater runoff. The impact would be less than significant.

- d) **No Impact.** The project is not in an area with potential for a seiche, tsunami, or mudflow.
- e) **Less-than-Significant Impact.** Construction and operation of the project 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 the project 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 checked="" type="checkbox"/>	<input 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) **Less-than-Significant Impact.** Project construction activities at Reservoir B would have no effect on the established community. However, recovery of the water distribution system could cause temporary disruptions of traffic circulation and access in the vicinity of active construction. Any temporary divisions would be localized, and alternative routes of passage would be available.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

In the long term, the project would be a benefit, reunifying the town of Paradise. The project would have a less than significant impact.

- b) **No Impact.** The project is consistent with applicable land use plans, policies, and regulations. The project would not conflict with any applicable conservation plans. Project construction 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 project area is not included in any applicable habitat conservation plan or natural communities' conservation plan. The project would have no impact on land use.

**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 project area has not been mapped by the California Department of Conservation as containing marketable aggregate (California Department of Conservation 2018). The project area 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. The project 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.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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"/>

**Discussion of Impacts**

- a) **Less-than-Significant Impact.** Construction activities would temporarily increase noise levels in the vicinity of project action areas. 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. Most residences, businesses, and infrastructure in Paradise were destroyed by the Camp Fire in 2018. Rebuilding activities would be concurrent with project construction activities. Construction could temporarily expose sensitive receptors, if present, 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 of the water distribution system, and construction and operation of Reservoir B from sources such as heavy equipment and occasional truck traffic are common to the existing daily operations of existing PID facilities and ambient noise in Paradise. Upon completion, operation of the water distribution system would generate no noise. Noise generated by construction and operation of the project would have a less-than-significant impact on the community.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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.

- 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 project construction and operation would have a less-than-significant impact on individuals.
- c) **No Impact.** The project 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.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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**

The project 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.** The project would recover PID’s damaged infrastructure (i.e., water distribution system and Reservoir B) that is no longer functional due to the Camp Fire of 2018. It would provide water for the expected post-fire population, which is anticipated to be similar to the pre-fire population. Because the project would be replacing pre-fire infrastructure it is anticipated to have no impact on population growth in excess of pre-fire conditions.
- b) **No Impact.** Existing housing or people within the town of Paradise would not be displaced by the project and no replacement housing would be required. The project would have no impact on the numbers of existing housing. The project would have no impact.

**Mitigation Measures**

No project-specific mitigation is required under this subject.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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.** Project construction would have no impact on public resources, including fire protection, police protection, schools, parks, and other public facilities. Construction of the water distribution system would occur in or adjacent to streets throughout the town of Paradise; however, traffic controls such as flaggers or signage, and the through traffic would be maintained during construction and a network of alternative routes are available if needed. During construction, water distribution where currently available would continue. Temporary service disruptions will be required for certain project elements. The service disruption will be no longer than a day or two and is in compliance with typical PID operating standards. Replacement of Reservoir B would have no impact on public services during construction. The project would benefit PIDs water system customers and restore previous water storage volume for the community.

**Mitigation Measures**

No project-specific mitigation is required under this subject.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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"/>

**Discussion of Impacts**

a, b) **No Impact.** The project would not result in an increased demand for recreational facilities. The project would not require the construction or expansion of recreational facilities. The project 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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
d) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**Discussion of Impacts**

a) **Less-than-Significant 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. It is anticipated that the project would require temporary road closures during trenching and installation of new water distribution system components. However, traffic controls such as

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

flaggers or signage, and the extensive network of area roads would be used to maintain through traffic during construction. Additionally, these temporary road closures may be as short as a few minutes or as long as a few days. Construction at Reservoir B would not require any road closures. The impact would be less than significant.

- b) **Less-than-Significant Impact.** Vehicle miles traveled would increase slightly to accommodate construction workers traveling to and from the site. However, the number of persons on-site at any given time would not be substantial and is anticipated to be consistent with concurrent reconstruction and maintenance activities occurring throughout Paradise. The volume and type of traffic associated with construction would not exceed the level of service for roads in the Paradise area. The project 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) **Less-than-Significant Impact.** The project 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 may need to park temporarily along streets throughout the water distribution system alignment, but it would be done in a manner consistent with typical on-street parking practices or off-street when available. Construction vehicles and equipment used at Reservoir B would not need to park on streets outside the Reservoir B site. The project would have a less-than-significant impact.
- d) **Less-than-Significant Impact.** The project would require temporary road closures during trenching and installation of new water distribution system components. However, traffic controls such as flaggers or signage, and the extensive network of area roads would be used to maintain through traffic during construction. These temporary road closures may be as short as a few minutes or as long as a few days. Construction at Reservoir B would not require any road closures.

The project would not substantially impede emergency vehicle access throughout Paradise. The project would have a less-than-significant impact.

### Mitigation Measures

No project-specific mitigation is required under this subject.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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:

- a. Included or determined to be eligible for inclusion in the California Register of Historical Resources; or
- b. 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 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”

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

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 the water distribution system or 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.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

**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.** The project would involve constructing new water storage tanks and replacement of substantial portions of the water distribution system. 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. The project would also not encourage growth or expansion of other facilities because both the water distribution system and the Reservoir B tank capacity would supply the post-fire re-build population in the PID service area. Site drainage 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.

Replacement of the water distribution system would have no impact on stormwater runoff.

b) **No Impact.** No new or expanded water entitlements would be required for the project. The project would have no impact.

c) **No Impact.** The project would not involve the treatment or creation of wastewater. The project would have no impact.

d, e) **Less-than-Significant Impact.** Construction activities associated with the project would generate solid waste in the form of demolished materials and other trash. Any solid waste generated by

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

construction would be disposed of at an approved landfill or recycling center (e.g., Neal Road Landfill), in compliance with local, state, and federal regulations pertaining to solid waste disposal. Construction and operation of the project is not likely to generate solid waste in amounts that would adversely affect the existing capacity of the local landfill. The project 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 checked="" type="checkbox"/>	<input 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) **Less-than-Significant-Impact.** The project would require temporary road closures during trenching and installation of new water distribution system components. However, the extensive network of area roads would be used to maintain through traffic during construction. These temporary road closures may be as short as a few minutes or as long as a few days. Construction at Reservoir B would not require any road closures. There would be no impact on adopted emergency response plans or emergency evacuation plans. The impact on through traffic would be less than significant.
- b, c) **Less-than-Significant-Impact.** Based on current mapping, the lands in the project area 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.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

Wildfire risk potential associated with replacement and operation of the project would be less than significant.

- d) **No Impact.** The grading profile for Reservoir B would provide sufficient gradient for drainage of site surfaces, and as such, construction would not expose people or structures to significant risks as a result in drainage changes, runoff, or slope instability. The grading profiles relative to the water system replacement work will not be affected by this project.

**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. The project would have a less-than-significant impact with mitigation incorporated.
- b) **Less-than-Significant Impact.** The project would not result in cumulatively considerable impacts with implementation of standard construction measures and mitigation measures described in this

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

IS. The project 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 the water distribution system and Reservoir B would be limited primarily to the construction phase, with no significant operational impacts on the environment. All impacts resulting from the project can be fully mitigated for at the project level. As a result, cumulative impacts are considered to be less than significant.

- c) **Less-than-Significant Impact.** The project, particularly during the construction phase, would result in temporary impacts on 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 help ensure construction-related impacts on human beings are minimized, and no long-term or operational-related impacts are anticipated.

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Proposed Mitigated Negative Declaration and Initial Study Administrative Draft

**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.



09/01/2021

Tom Lando, District Manager  
Paradise Irrigation District

Date

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

## **CHAPTER 5.0 COMMENTS AND RESPONSES TO COMMENTS**

This chapter contains a copy of comment letter received on the Draft IS/MND. Comments received on the Draft IS/MND do not indicate new significant impacts or significant new information that would require recirculation of the Draft IS/MND pursuant to CEQA Guidelines Section 15073.5. Because no new significant environmental issues were raised during the 30-day comment period, PID determined that a Final IS/MND should be prepared.

The following letter was received during the public comment period and is reproduced on the following page:

Letter A: Lori Schmitz, Environmental Scientist, State Water Resources Control Board, Division of Drinking Water (SWRCB DDW) (September 22, 2021)

Responses to the comments received follow the comment letter. To assist in referencing comments and responses, each specific comment was assigned a number. Responses correspond with the codes used in the margin of the comment letters. The SWRCB DDW letter was assigned the letter "A" and each comment was given a unique number, thus comment responses are shown as "A-1", "A-2", etc. Inclusion of this summary in the final MND confirms project compliance with the State Clearinghouse review requirements for draft environmental documents pursuant to CEQA.



September 22, 2021

Paradise Irrigation District  
 Attn: Tom Land  
 6332 Clark Road  
 Paradise, CA 95969

**PARADISE IRRIGATION DISTRICT (DISTRICT), MITIGATED NEGATIVE DECLARATION (MND) FOR THE WATER SYSTEM RECOVERY AND RESERVOIR REPLACEMENT PROJECT (PROJECT); SCH #2021040273**

Dear Mr. Tom Land,

Thank you for the opportunity to review the Mitigated Negative Declaration for the proposed Project. The State Water Resources Control Board, Division of Drinking Water (State Water Board, DDW) is responsible for issuing water supply permits administered under the Safe Drinking Water Act and will require a new or amended water supply permit for the above referenced Project. A project requires a permit if it includes water system consolidation or changes to a water supply source, storage, or treatment or a waiver or alternative from Waterworks Standards (California Code of Regulations title 22, chapter 16 et. seq).

District water system infrastructure was damaged by the Camp Fire. The proposed Project includes the replacement of the damaged Reservoir B, a Hypalon-lined earthen reservoir, with two 1.5-Million Gallon bolted steel tanks and relocation of a portion of the existing 36-inch piping. The project will also replace and repair damaged portions of the distribution system including service lateral replacement, meter replacement, and main replacement and repair.

The service lateral replacement includes replacing 4,070-5,470 service laterals and installing backflow prevention devices for each lateral replaced throughout the service area. The meter replacement involves replacing the centralized metering infrastructure and installing all new customer meters. The main replacement would include replacing 79,500 feet of contaminated water mains within seven pressure zones. The removal and replacement of approximately 2,600 feet of eight-inch piping through Almond Street is part of this replacement.

The project site will also be designed to accommodate a third tank to account for the District's remaining 2.35 Million Gallons of storage deficit if funding is acquired.

The State Water Board, DDW, as a responsible agency under CEQA, has the following comments on the District's draft MND:

- An application for an amended domestic water supply permit shall be submitted to the State Board prior to the addition of a new distribution reservoir (100,000 gallon capacity or greater) to the distribution system (Title 22, Division 4, Chapter 16, Article 2, 64556 (a)(1). The water supplier shall submit to the State Board for review the design drawings and specifications for each proposed distribution reservoir prior to its construction, (Title 22, Chapter 16, Article 6, Section 64585(b)).

A-1

**E. JOAQUIN ESQUIVEL, CHAIR | EILEEN SOBECK, EXECUTIVE DIRECTOR**

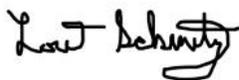
- Section 2.7.2 of the Initial Study and Mitigated Negative Declaration includes a discussion on regulatory approvals and anticipated permits for regulatory compliance. The section also includes a list of authorizations and permits anticipated for project compliance under CEQA. Please discuss the State Water Board, DDW permitting process in the Section 2.7.2 narrative. In the list please also include the water supply permit and provide the State Water Board, DDW as the approving agency. A-2
- Please submit a domestic water supply permit to the State Water Board, DDW office. Please also send 90% designs prior to construction. A-3
- The District may want to consider addressing the third tank in this CEQA document. Currently a separate CEQA document would need to be developed. A-4
- Discharges resulting from disinfection and operation of water system components will be required. Please coordinate with the Central Valley Regional Water Quality Control Board, Redding (Central Valley Regional Board, Redding) staff listed here on water system discharges: A-5  
[https://www.waterboards.ca.gov/water\\_issues/programs/waste\\_discharge\\_requirements/waste\\_discharge\\_requirements\\_statewide\\_contacts.html](https://www.waterboards.ca.gov/water_issues/programs/waste_discharge_requirements/waste_discharge_requirements_statewide_contacts.html)

When the CEQA review process has ended, please forward the following items with your permit application to the District Office:

- Copy of the draft and final MND that includes the Mitigation, Monitoring, and Reporting Plan, with any comment letters received and the lead agency responses as appropriate;
- Copy of the Resolution or Board Minutes adopting the MND, and;
- Copy of the stamped Notice of Determination (NOD) filed at the Butte County Clerk's Office and the Governor's Office of Planning and Research, State Clearinghouse.

Please contact James Reade of the Valley District Office, at (530) 224-2485 or [james.reamde@waterboards.ca.gov](mailto:james.reamde@waterboards.ca.gov) if you have any questions regarding water supply permitting requirements.

Sincerely,



Lori Schmitz  
Environmental Scientist  
Division of Financial Assistance  
Special Project Review Unit  
1001 I Street, 16<sup>th</sup> floor  
Sacramento, CA 95814

Cc:

Office of Planning and Research, State Clearinghouse

James Reade  
Associate Engineer

Valley District

Mehreen Siddiqui  
Water Resources Control Engineer  
Office of Sustainable Solutions

Cody Madaus  
Environmental Scientist  
Drinking Water Environmental Review Unit

David Durette  
Senior Water Resources Control Engineer  
Central Valley Regional Board, Redding

## **PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

### **5.1 RESPONSES TO LETTER A COMMENTS**

**A-1:** Commenter advises an application for an amended domestic water supply permit be submitted to SWRCB prior to the addition of a new distribution reservoir (100,000 gallon capacity or greater) to the distribution system. PID will submit the design drawings and specifications to SWRCB to amend the permit prior to construction of the system. All system components have been designed in accordance with all applicable Waterworks Standards.

**A-2:** Commenter requests that the SWRCB DDW permitting process be discussed in the Section 2.7.2 narrative in the Initial Study and that the water supply permit be included in the list of authorizations and permits anticipated for project compliance under CEQA. Additionally, commenter asked that the State Water Board, DDW be named as the approving agency. Accordingly, Section 2.7.2 was revised to summarize the SWRCB DDW's permitting and approval process. Plans and specifications of the proposed project will be submitted to the SWRCB-DDW for review and approval along with an Application for Domestic Water Supply Permit Amendment. Following approval of the modifications to the system, DDW will approve the Amendment and modify the permit accordingly. The only change to the system in the work included in the grant application is the replacement of earth embankment lined and covered Reservoir B with steel tanks.

**A-3:** Commenter requests that a domestic water supply permit and 90 percent design plans be submitted to SWRCB DDW. Comment noted. PID is waiting on confirmation of project funding before submitting the requested items. A determination is also pending regarding the potential repair of the reservoir's membrane liner, a decision that may affect the project design.

**A-4:** Commenter suggests that PID may want to consider addressing the third tank in this IS/MND to avoid preparation of a separate document. Comment noted.

**A-5:** Commenter advises that PID coordinate with the Central Valley Regional Water Quality Control Board (Redding office) to address discharges resulting from disinfection and operation of water system components. Comment noted and PID concurs.

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

## CHAPTER 6.0 MITIGATION MONITORING AND REPORTING PROGRAM

This chapter provides the Mitigation Monitoring and Reporting Program (MMRP) for 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 both significant portions of the water distribution system and 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 help ensure compliance during project implementation.

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

- 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 help 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 help 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.

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

## Final Mitigated Negative Declaration and Initial Study

- 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.

## 6.1 CONSERVATION MEASURES

PID is committed to implementing the following conservation measures during project construction:

### 6.1.1 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.

### 6.1.2 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

## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

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.

## **PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

### **6.1.3 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.
- See 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.

### **6.1.4 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.

### **6.1.5 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 help ensure the species does not spread to other areas.

## **6.2 MITIGATION MEASURES**

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

### **6.2.1 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:

# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

## Final Mitigated Negative Declaration and Initial Study

- 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.
  - To the extent practicable, vegetation should be removed outside of the nesting season. In areas where project activities will not result in vegetation removal or where project activities will not result in increased disturbance over existing conditions (e.g., noise, vibration, construction equipment, human activity), no surveys for nesting birds are required. In areas where vegetation removal or increases in disturbance will occur during the nesting season, measures to avoid the potential for disturbance to active nests will be implemented. These measures may include, but are not limited to, pre-construction identification of project segments where nesting birds could be a concern if activities were to occur during the nesting season, conducting worker environmental awareness training (WEAT) for project personnel, pre-construction inspections for nesting birds conducted by a biologist/biological monitor or other trained personnel, establishing construction-free buffers around active nest sites, monitoring active nests for signs of disturbance resulting from construction activities, and delaying or modifying construction activities if nesting birds are showing signs of disturbance. Inspections for active nests should be conducted by a qualified biologist if a significant amount of vegetation will be disturbed at a location during the nesting season (e.g., multiple large trees, large swaths of dense vegetation). If vegetation removal at a location is minimal (e.g., landscape bushes) or active nests within 20 feet of the active construction would be easily detectable, construction personnel may conduct the inspections for active nests if the procedures for the inspections were included in the WEAT training and the construction personnel successfully completed the WEAT training. If active nests are found, a qualified biologist should be consulted to assist in determining an appropriate size for construction-free buffers and to conduct monitoring as needed.

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

**Verification (sign and date):** \_\_\_\_\_

### 6.2.2 Cultural Resources

#### Mitigation Measure #2—Cultural Resources

PID shall include provisions in the construction bid documents to minimize project 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 project area that are considered to be significant, a number of methods may be used to mitigate potential adverse effects. Avoidance

**PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT**

Final Mitigated Negative Declaration and Initial Study

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

**Verification (sign and date):** \_\_\_\_\_

**Mitigation Measure #3—Human Remains**

PID shall include provisions in the construction bid documents to minimize project 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):** \_\_\_\_\_



# PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

Final Mitigated Negative Declaration and Initial Study

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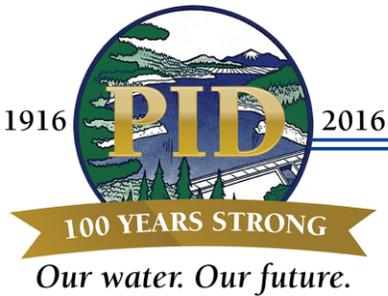
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## PARADISE IRRIGATION DISTRICT WATER SYSTEM RECOVERY AND RESERVOIR B REPLACEMENT PROJECT

### Final Mitigated Negative Declaration and Initial Study

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## 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: October 14, 2021

RE: Amendment 1 to Construction Contract with Santos – Almond Street Water Main Replacement Project – Recommendation

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, California, as well as re-establishing services to adjacent properties. In April 2021, the Board reviewed the results of this public bid process, approving the award of the project to the lowest responsible bidder, Santos Excavating, for the not to exceed amount of \$595,640.00. At the same time, the Board approved an additional 10% contingency value of \$60,000 to be exercised at the discretion of the District Manager.

The project began in June, but very quickly ran into delays associated with the procurement of required materials. Physical work was started in August, once materials were available, and since that time has proceeded well. The project had been originally designed prior to the fire and so as expected, several changed conditions were encountered during the installation. Each of these changes has been priced, reviewed, and evaluated by WWE and PID staff. At this time, there is a need for one or more additional changes which may exceed the current approved contingency. All executed changes as well as those proposed are outlined below:

Change Order Description	Requested By	Value	Status
<b>Update hydrant valves to current PID standards</b>	PID	\$12,860.98	Approved by PID
<b>Update service laterals to current PID standards</b>	PID	\$7,485.14	Pending

<i>(materials upgrades)</i>			
<b>Extend service laterals per Town of Paradise plans</b> <i>(agreed by PID in 2018)</i>	TOP	\$20,608.33	Pending
<b>Extend 4" main stub</b> <i>(accommodation for future services)</i>	PID	\$1,393.48	Pending
<b>Complete tie ins to adjacent mains</b> <i>(originally scoped for PID to execute)</i>	PID	\$34,207.59	Pending
<b>Time and Materials for Birch Intersection Reroute</b> <i>(work around PG&amp;E duct bank)</i>	Santos	not yet received	Pending
<b>SUBTOTAL</b>		\$76,555.52	
Current approved Contingency (10%)		\$60,000.00	
Additional Contingency needed		\$16,555.52	
<b>Recommended additional Contingency (+10%)</b>		\$60,000.00	

At this time, staff is recommending the Board approve an additional 10% contingency value not to exceed \$60,000.00 to accommodate the changes listed above.

As a result of the material procurement delays at the beginning of the project as well as ongoing coordination with the Town's project that has caused some small delays at different times, staff is also requesting an adjustment to the duration of the project. The current project schedule shows completion in mid-November, however we are currently working through a temporary coordination delay with the Town and extending the date allows for any further small delays and closeout. Santos has worked collaboratively with PID and the Town of Paradise's project throughout and per the Project Manager does not intend to ask for any additional cost for this time extension.

At this time, staff recommends an amendment to the Agreement with Santos Excavating to extend the project duration from the original 60 working days to a total of 150 working days, ending in December 2021.

**The following is requested:**

*"Approve an additional contingency value of \$60,000 (10%) to be exercised at the discretion of the District Manager, for a total not to exceed project value of \$715,640.00. Additionally, approve the extension of the Almond Street Main Replacement Project*

*duration to 150 working days, and authorize the District Manager to execute the Amendment on behalf of the District.”*



## PARADISE IRRIGATION DISTRICT

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

DATE: October 20, 2021

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Authorize agreement with Water Works Engineers to develop the District's Capital Improvement Plan

**Is this a budgeted item? No**

### **Recommendation:**

Authorize District Manager to enter into an agreement with Water Works Engineering to develop District's Capital Improvement Plan.

### **Background:**

The District is currently performing a financial analysis. The analysis cannot be accurately completed without an updated capital improvement plan and is on-hold. Water Works Engineering has provided the District's engineering services since 2019 and has the background and knowledge to work with staff to complete the plan in a timely manner. The proposed timeframe for development is five weeks. The financial analysis contractor has agreed to adjust their schedule to accommodate the completion of this necessary information.

The recommended form of motion would be:

"I move to authorize the District Manager to enter into an agreement with Water Works Engineering to develop the District's Capital Improvement Plan for a cost not-to-exceed \$47,868.00."

## SCOPE OF SERVICES: PROPOSED AMENDMENT 2 TO DISTRICT ENGINEERING CONTRACT

### Task 1 Development of Asset List

ENGINEER will develop an asset list for the District capital infrastructure including the treatment plant, reservoirs, pipelines, valves, pump station, fire hydrants, buildings, and equipment. The existing GIS data will be used as the basis of the list. It is assumed that the District will provide the rolling stock inventory.

For each asset, the list will include the asset type, asset description, design life, remaining useful life, total value in today's dollars and remaining value. A memorandum will be prepared to document how the list was created. The list will be reviewed in a virtual workshop. Assume the District has 10 business days to provide any remaining comments before the list and memorandum are finalized.

<b>Meetings</b>	<ul style="list-style-type: none"><li>Asset list review workshop (virtual, 1 hour)</li></ul>
<b>Deliverables</b>	<ul style="list-style-type: none"><li>Asset list and memorandum (draft, final) in Excel, PDF</li></ul>

### Task 2 Development of Capital Project List

The existing Capital Project list will be updated in this task. ENGINEER will virtually interview staff including the Chief Water Treatment Plant Operator, Field Distribution Superintendent, and Director/Assistant Director to update the list. The list will include a description of the project and estimated construction costs. A memorandum will be prepared to document how the list was created. The list will be reviewed in a virtual workshop. Assume the District has 10 business days to provide any remaining comments before the list and memorandum are finalized.

<b>Meetings</b>	<ul style="list-style-type: none"><li>Capital Project list review (virtual, 1 hour)</li></ul>
<b>Deliverables</b>	<ul style="list-style-type: none"><li>Capital Project list and memorandum (draft, final) in Excel, PDF</li></ul>

### Task 3 Prioritization of Capital Project List

The existing Asset and Capital Projects lists will be prioritized in this task. ENGINEER will host a workshop with PID staff to review the identified Assets and Capital Projects and identify staff priorities, assigning rankings for critical assets and priorities according to discussion. An updated version of the Asset and Capital Projects lists will be produced following the workshop. Assume the District has 10 business days to provide any remaining comments before the lists are finalized.

<b>Meetings</b>	<ul style="list-style-type: none"><li>Rolling Asset and Capital Project Priority Workshop (virtual and in person, 2-3 hours as necessary)</li></ul>
<b>Deliverables</b>	<ul style="list-style-type: none"><li>Updated prioritized Rolling Stock and Capital Project lists in Excel, PDF</li></ul>

#### Assumptions

1. District will provide rolling stock inventory.
2. Assumes comments will be received in one combined package from the District on the draft lists and memorandum.
3. On-going O&M costs not included.
4. Existing GIS data will be used for estimating distribution system pipe length, pipe age, and pipe material.
5. District will determine final ranking of Assets and Capital Projects

***Project Schedule***

The draft asset list and capital project list will be available 25 business days after notice to proceed. We assume the District will provide comments within 10 business days of receiving the draft list and memorandums. The final lists and memorandums will be available 15 business days after receiving comments. Updated and prioritized lists will be available within 10 business days of the Prioritization Workshop.

***Rate and Cost Proposal***

The services described herein shall be provided on a Total Project Time and Expense basis not to exceed **\$47,868** without written consent from CLIENT and invoiced in accordance with the Hourly Billing Rates in the following table. A breakdown of hours is attached for reference.

Classification	Title	Hourly Rate
AA1	Administrative Assistant	\$77
AA2	Senior Administrative Assistant	\$108
E0	Jr Engineer / Jr Field Engineer	\$108
E1	Staff Engineer	\$135
E2	Associate Engineer	\$165
E3	Project / Structural Engineer	\$185
E4	Senior Project Engineer / Manager	\$215
E5	Principal Engineer	\$249
I1	Field Inspector	\$145
I2	Senior Inspector	\$162
I3	Supervising Inspector	\$180
T1	CADD Tech 1 / Drafter/Jr. Technician	\$91
T2	CADD Tech 2 / Designer/Sr. Technician	\$122
T3	CADD Tech 3 / Senior Designer	\$149

**Notes:**

1. A markup of 10% will be applied to all project related Direct Costs and Expenses.
2. An additional premium of 25% will be added to the above rates for Expert Witness and Testimony Services.
3. Rate effective through December 31, 2021. A 3% increase will be added for any services performed in each year thereafter.

**Water Works Engineers Fee Estimate**

Client                   PID  
 Project                Capital Project Assessment  
 Date                    10/11/2021



Hours and Fee

		Task 1		Task 2		Task 3	
Year		2021		2021		2021	
		Development of Asset List		Development of Capital Project List		Prioritization of Capital Project List	
<b>2021</b>		hrs	fee	hrs	fee	hrs	fee
<i>Water Works Engineers</i>	<b>Classification</b>	<b>Title</b>	<b>Hr. Rate</b>				
	AA	Administrative	\$77	2	\$154		
	E1	Staff Eng	\$135	80	\$10,800	20	\$2,700
	E3	Project Engineer	\$185	8	\$1,480	20	\$3,700
	E4	Proj. Manager	\$215	40	\$8,600	40	\$8,600
	E5	PIC/QA/QC-Kader	\$249	4	\$996	20	\$4,980
Annual Increase for WWE rates of			3%				
<b>Subtask Totals</b>				<b>134</b>	<b>\$22,030</b>	<b>100</b>	<b>\$19,980</b>
						<b>34</b>	<b>\$5,858</b>

Tasks 1 and 2	
Hours	268
Fee	\$47,868



# Paradise Irrigation District

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

AGENDA ITEM 11.d. (Pages 163-168)  
HR Consulting Services

DATE: October 20, 2021

TO: PID Board of Directors

FROM: Mickey Rich, Assistant District Manager

RE: Request: Acceptance of amended HR consulting proposal

Is this a budgeted item? **YES**

## Recommendation:

Staff requests the Board authorize the District Manager to accept the amended proposal from Clarity HR (formerly Brook Winter HR) to provide the District with human resource consulting services.

## Human Resources Consulting

In August of 2021, the Board approved the single proposal received in response to the District's request for proposals for human resource consulting. Due to a clerical error the contract understating the additional per hour rate, Clarity HR has submitted an amended proposal (attached) for the Board's consideration.

Previously approved:

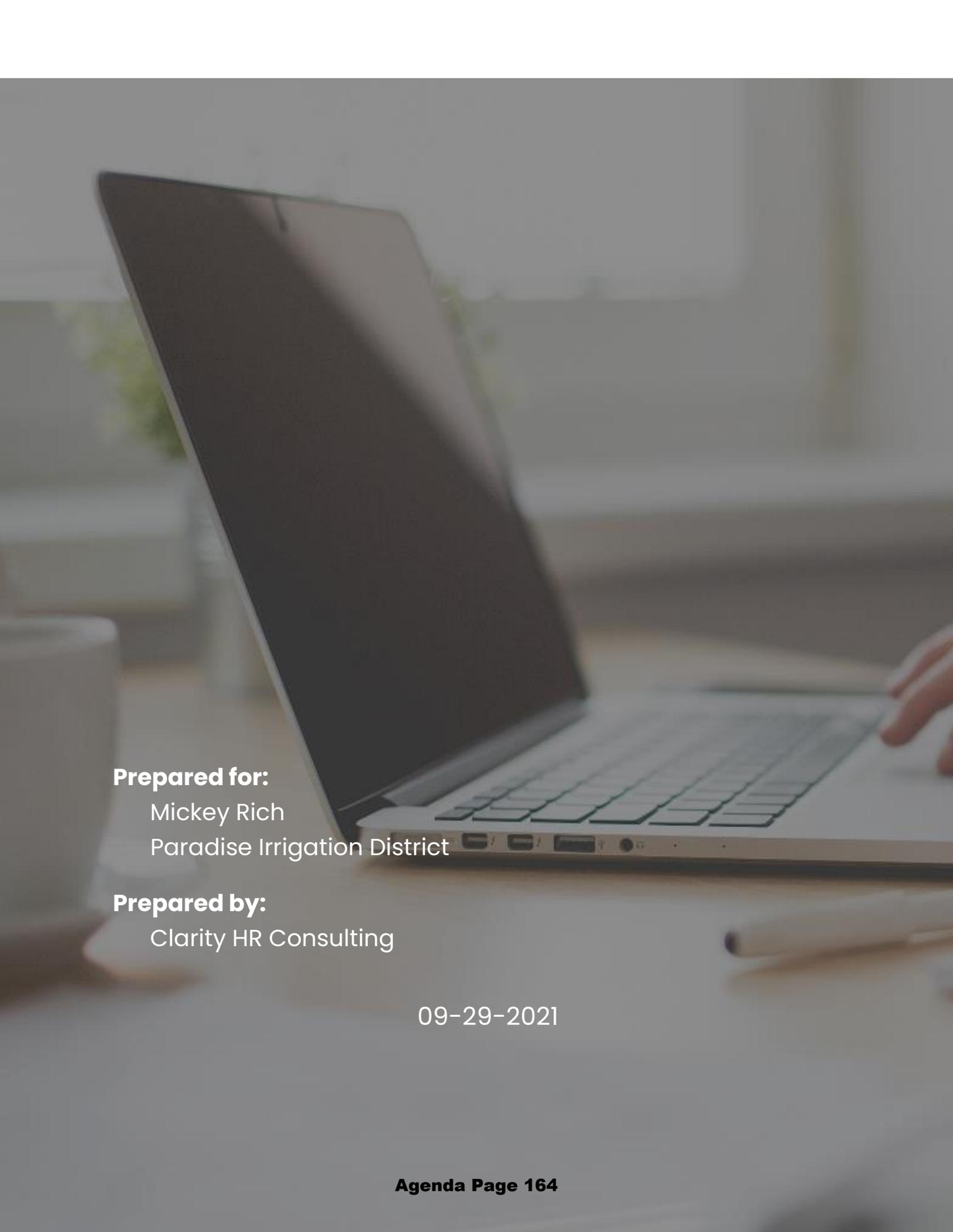
Requested Change

Monthly Fees: \$725.00  
Hourly support: \$95.00 per hour

New: No Change  
New: \$125.00 per hour

The recommended form of motion would be:

"I move to authorize a contract with Clarity HR Consulting to provide human resources consulting services and authorize the District Manager to execute an agreement for this contract assignment."



**Prepared for:**

Mickey Rich  
Paradise Irrigation District

**Prepared by:**

Clarity HR Consulting

09-29-2021

# Executive Summary

Mickey Rich has expressed organizational changes and goals for Paradise Irrigation District that can be met through the implementation of a strategic HR program with Clarity HR Consulting. By entering into a monthly consulting agreement with Clarity HR Consulting, your organization will be ensured compliance, as our team will keep a watchful eye on employment and labor laws and update Paradise Irrigation District accordingly.

This Human Resources services agreement includes details regarding the operational HR support that Clarity HR Consulting can offer alongside any associated service costs. This agreement includes **two key sections**: ongoing services and additional services. While additional services are available to Paradise Irrigation District on an as-needed basis, ongoing services are those that will be required on a daily, weekly, or monthly basis, and are covered under a flat-fee retainer.

## Ongoing Services

### Management Engagement

- Recurring, 30-minute, monthly meeting between the Clarity HR Consulting Team & Paradise Irrigation District leadership to discuss and plan HR strategy (on site)
- Recurring, 60-minute, monthly middle manager training to be conducted prior to our immediately after the recurring HR meeting (on site)

### Watchful Eye

- Watchful eye on California and Federal labor laws

- Work with management to ensure employee personnel files are audited to ensure forms are filled out correctly and that all federal and state laws are being followed correctly

### **Unlimited Access**

- Unlimited email and phone access between the Clarity HR Consulting team and Mickey Rich, Tiffany Bowen, and Miranda Hillskemper for questions and issues that arise during regular business hours (Monday–Friday, 8:00am–5:00pm)

## **Ongoing Services Pricing**

**Monthly Ongoing Services**

**\$725**

*\*Amount includes mileage and travel time to and from Redding, CA and Paradise, CA once a month.*

## **Additional Services**

### **Policy & Procedures Maintenance**

Well-documented HR policies and procedures are vital to a successful operating environment. Clarity HR Consulting is experienced in developing, applying, and evaluating HR policies and procedures for our clients. These services include maintaining accurate policy manuals, reviewing policy and procedure periodically, and updating documentation as needed.

### **Employee Screening and Hiring**

Screening potential candidates to fill internal positions can be a daunting task, one with long-term implications for your company. We ensure that your internal team remains staffed with qualified individuals who possess the qualifications and traits that fit your needs.

## **Employee On-boarding**

The employee on-boarding process is a critical Human Resources function. We provide a comprehensive on-boarding service that ensures that every new employee completes all required documents and goes through position-specific training.

## **Employee Off-boarding**

When an employee leaves the company, whether voluntarily or involuntarily, there are several steps in this process that must be handled with care. Along with filling out the proper documentation, performing an exit interview with the employee is incredibly important. The feedback given by employees during this interview will provide valuable insight into the root cause of employee turnover and will aid Paradise Irrigation District in its endeavor to better retain employees in the future.

## **Performance Management**

Clarity HR Consulting will work with the Paradise Irrigation District owners and managers to constantly track, evaluate, and improve employee performance. We will provide HR support should any issues arise, and work with managers to develop performance improvement plans when necessary.

## **Conflict Management**

We specialize in creating productive and innovative workplaces with connection and engagement as the key cornerstones in building a vibrant company culture. The Clarity HR Team is equipped to handle conflict mediation, as well as operational and communication analysis to help bring solutions to conflicts both relationally and in terms of workflow.

## **Driving Culture**

Partner with management team to deliver staff meetings

- Bring relevant HR information to the team
- Promote transparency through a culture of communication and collaboration

# Additional Services Pricing

Hourly Support

\$125/hour

## Hourly Rate

The *hourly rate* of \$125 will be charged based on quarter of an hour intervals (15-minute intervals). For example, a 12-minute phone call would be billed as 1/4 (.25) of an hour. Likewise, a 48-minute meeting would be billed as one hour.

*An invoice will be sent at the beginning of each month, detailing services rendered for the previous month and payment due.*

## Next Steps

**Let's do this!** To proceed with this proposal, your next steps are to:

1. Accept the proposal as-is **OR** discuss desired changes with our team
2. Get ready to experience Human Resources in a whole new way!

Putting the *human* back  
in human resources