



# 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."*

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

**TO: Board of Directors**

**FROM: Ed Fortner, District Manager**

**DATE: October 11, 2018**

**RE: District Manager's Report  
10/17/2018 Board of Directors Meeting**

## Water Rights

The District met with the Water Board staff on September 7, 2017, to discuss the District's water right applications and permit extension. We will be working with our water rights engineer and environmental engineer to restart this process.

The District is working with the Water Board staff to have our alternative compliance method approved to meet the State standards.

Paula Whealen, from Wagner and Bonsignore, attended the February 2018 Board meeting to introduce herself and give water rights 101 presentation.

The District selected De Novo Group on April 26, 2011, to prepare the EIR for the water right extension. The contract also included the performance of the environmental studies. The total contract was for \$306,430.00, and the District has paid \$204,558.74 on this contract.

The District has two water rights permits that have not been "perfected." This means that the District has the potential to create more water storage to supply the District. To keep this potential water storage option available, the District must renew their water rights permits. The State of California mandated the District to complete an extensive environmental impact report on the Districts watershed and tributaries. The District has contracted with an environmental firm and completed the biological study. The results of their study could impact our ability to expand our water storage to the maximum permitted under our original water rights permit. The District needed some feedback from the State of California before proceeding with the EIR. The State of California staff was overwhelmed dealing with the drought in 2015-16. The District has also changed the project because we have decided to go to license on permit 271 instead of asking for an extension. The EIR process should be restarted during the fiscal year 2018/19.

*Ed and Kevin will be traveling to Sacramento October 15, 2018 to discuss the water rights activity and requirements with Wagner & Bonsignore.*

## North Lake Boat Launch Land Acquisition

The District purchased 3 acres of land next to boat launch one for \$58,055.26.

The District decided to terminate the grant agreement with the Division of Boating and Waterways. The PID Lake Committee met on 08/12/18 and recommends clearing the parking area this winter and establishing a turn-around near the Boat Launch. District Manager approved procuring quotes for CEQA compliance with Pete Sundall. *Lake Committee on 10/09/18 agreed to table this project and the Magalia Trail project pending completion of Strategic Planning.*

### Process Water Recycle Project

The District hired Water Works Engineering to work with the Regional Board to get the District's NPDES permit renewed. The District had a kickoff meeting on Nov 8, 2017, with Water Works Engineering and Larry Walker Engineering. The Water Board adopted the 2-year extension of the Time Schedule Order on Dec 8, 2017, for the District's NPDES permit. We had a meeting on February 13 & March 29, 2018, with Larry Walker and Water Works to discuss the preliminary research for the mixing zone study and dilution credit. The District met with the Regional Board on April 26, 2018, to kick off the renewal of the NPDES permit. The meeting was very positive, and the Regional Board is currently reviewing our preliminary data and communicating with the District on what additional information may be needed to complete the NPDES permit renewal. The PID Water Plant staff is working through sampling protocols related to temperature and has requested the verification monitoring deadline extension to December 31, 2018 (extension from July 31, 2018).

### B Reservoir Design Project

The District has been approved for an \$800,000 SRF loan to design the B Reservoir. The District awarded the contract to Water Works Engineering during the May Board Meeting and approved the change order at the September Board meeting. The District had a workshop to approve the preliminary design report. The preliminary design was estimated to be \$11,000,000. We are working with SRF to increase our loan approval amount to cover this estimated cost. During our March 6, 2018 meeting with the county, we discussed the right-of-way issues associated with our A zone pipeline project. The county is looking into the issue to see if they can help us find the rightful owner of the Skyway. The District is going to pursue condemnation of the right-of-way and easement of the Skyway alignment for the pipeline. The District has hired Blackwater Engineering to do a preliminary search of title and to convince the county that they have a prescriptive right-of-way to the pipeline alignment. Jim Passanisi, Bill Taylor, Kevin Phillips and I met with Water works Engineering in Redding on July 24, 2018, to discuss the B Reservoir project. Larry Kram with Blackwater Engineering has done a preliminary investigation, and Butte County does not have the right of way presently. Larry has set up meetings with the County to walk them through the quit claim deed process to acquire right of way. After the County acquires right of way, PID will ask for a utility easement from the County. Stantec is circulating the CEQA documents for public review per SRF loan requirements. *PID Board approved project design and construction. The design is complete, CEQA is near completion. Property acquisition has progressed led by Neil Essila assisted by Blackwater Consultants. PID Staff held conference call October 3, 2018. CEQA public comment closed, report submitted to Water Quality Board to be accepted on October 17, 2018, PID Board Meeting. Planning and Design completed October 31, 2018. Tentative construction schedule and agreement begins February 2019. Met with Butte County Public Works on 10/04/18 to discuss possible encroachment permit and property acquisition for the 16" line. PID will complete application for the encroachment permit and partner with BCPW for underlying property ownership or deeds of easement.*

### Spillway Investigation

The District received a letter on May 17, 2017, ordering the District to conduct an extensive evaluation of both spillways. We requested an extension of the timeline from July 15, 2017, to September 1, 2017, to submit a work plan to the Department of Safety of Dams. We met with the Division of Safety of Dams on July 6, 2017. The District submitted our work plan on both spillways on September 7, 2017. The District hired Genterra Engineering to complete the Phase one work plan. They started field work on Nov 6, 2017, and expect the work to continue through February 2018. The District cleared trees and brush below the Magalia Dam before the Nov 1 deadline. The District met with Genterra Engineering on Apr 3, 2018, to discuss the draft Phase one reports for Paradise Spillway and Magalia Spillway. The District has submitted the draft phase one report to DSOD for their review. The draft inundation report should be complete soon. PID staff and Manager met with Genterra to discuss the phase one reports August 23, 2018. Magalia Reservoir Sunny Day inundation study is complete and submitted to DSOD. *Paradise Lake draft inundation study is complete.*

### AMR Project Update

Zenner Meter Interface Units (MIUs) replacement program began in September 2014. Older Datamatic “fireflies” had a significant failure rate, and Datamatic filed for bankruptcy. Zenner MIUs are backward compatible with the Datamatic units. 7,413 of 10,594 MIUs have been replaced to date, total cost \$853,463 including labor, equipment, and material. 3,181 MIUs remain for replacement, total cost \$298,378. The total cost of the conversion project including repeater replacement is ~\$1,197,000. There is an ongoing discussion about cellular technology upgrades and timing. *AMR outstanding cost of \$43,650.00 approved by Board September 19, 2018. The balance of outstanding MIUs is ordered. The plan for Zenner installation and conversion schedule is under development. The tentative schedule for Zenner conversion is January 2019.*

### Miscellaneous

*PID Manager met with Paradise Town Manager October 3, 2018, to discuss County Community Choice Aggregation, Town Sewer project, Almond Street project, and Solar opportunities. PID Manager attended Butte County Fire Safe Council October 3, 2018. A special PID Board meeting was held October 8, 2018, to discuss Union Labor Negotiations. PID Manager attended the PID Lake Committee meeting October 9, 2018. PID Manager, Kevin Phillips, and Emily LaMoe held negotiation meetings with IBEW and Teamsters. Erin West was hired as PID Office Manager. PID met with Sierra Pacific Industries and Capra about partnering on fuel removal around Paradise Lake using goat labor. PID is working with Cal Fire to develop vegetation removal activity and possible grant opportunities. Karen Rice was promoted to Utility Billing Technician. PID met with Borrego Solar and Ciel Terre USA to discuss Solar opportunities. October 16, 2018, DSOD conducted Dam inspections on Magalia Reservoir and Paradise Lake.*