



# 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: August 9, 2018**

**RE: District Manager's Report  
08/15/2018 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 majority of the environmental studies have been completed, but due to the amount of time that has passed, additional studies may be necessary. The District has also changed the project because we have decided to go to license on permit 271 instead of asking for an extension. Ed and Kevin will be traveling to Sacramento soon to discuss the water rights activity and requirements with our consultants.

## 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. Further updates will be reported after next month's Lake Committee meeting related to PID staff activities for parking and other aspects of the project. The PID Board will receive a recommendation from the Lake Committee.

## 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 quitclaim 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. Director Kellogg questioned the 16" transmission main alignment and other aspects of the project at the last Board meeting. Director Kellogg, Ed Fortner, and Keith O'Brien drove the 42" main pathway. Director Kellogg seems to understand the importance of the project and was pleased with the feedback of staff. Lake Committee met and discussed the B Reservoir project and 42" main alignment and 16" main alignment. Directors Sulik and Kellogg appreciated the Water Plant tour and detail on the B Reservoir project.

#### 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. We intend to meet with Dam Safety and Genterra to discuss this project soon.

### AMR Project Update

Zenner Meter Interface Units (MIUs) replacement program began in September 2014. Older Datamatic “fireflys” 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.

### Miscellaneous

Met with all PID personnel in work groups and with many individually to discuss the roles, goals, and vision of PID. I attended the Butte County Fire Safe Council and Paradise Fire Safe Council. I met with the Paradise Mayor, Town Manager, and Parks District Manager and discussed mutual projects. I attended the PID Lake Committee meeting and attended the Garden Club tour of the PID Garden for BCFSC. Kevin Phillips, Emily LaMoe and I held negotiation meetings with IBEW and Teamsters. I met with Jim Ladrini and Neil Essila to discuss the PID backflow prevention plan and potential improvements in the plan. PID staff held FEMA tabletop exercise, facilitated by Jim Passinisi on dam emergency response procedures. Jim Passinisi is scheduling a tabletop FEMA exercise in late August 2018 with a wildfire emergency response scenario that will include BCFSC, PFSC, PID, Town of Paradise staff, and governing boards.

