



NEWSLETTER

MARCH 2019

P.O. Box 4436, Stockton, CA 95204

District Updates

Please join the Board of Trustees in thanking William Dunning for his 12 years of service on the Reclamation District 1614 Board of Trustees.

In November 2018, the District held an election for the vacant seat on the District's Board of Trustees. 808 ballots were cast in the election, with Christian Gaines receiving the most votes. In December 2018, Mr. Gaines was sworn in as the District's newest Trustee and will serve a term of four years. He has also been appointed to the office of Vice President of the Board of Trustees.

The Wisconsin Pump Station, which is several decades old, is being prepared for a major upgrade. This station is responsible for pumping stormwater runoff from more than 40 percent of the District's interior. Civil engineering tasks, which cover the site plan, piping, and erosion protection, are substantially complete, as are structural plans, electrical design, environmental requirements, and permitting. The District expects to complete the station upgrade in Summer of 2020 and estimates that the costs for the upgrade work will be \$1,207,000.

The annual Town Hall meeting is being planned for this fall. You will be notified in advance.

Wisconsin Pump Station

The Wisconsin Pump Station is responsible for pumping storm water runoff from more than 40 percent of the District's area into the Calaveras River. The pump station consists of two pumps that are currently not of sufficient capacity to provide Federal Emergency Management Agency (FEMA) requirements in pumping runoff out of the District from a 100-year storm event. The Board is pursuing a solution of upgrading the existing pump station facility by adding two new 75 horsepower pumps and discharge pipes.

The existing two discharge pipes will be reconstructed as they cross the levee, and two new pumps and discharge pipes will be added. The reconstruction work will consist of removing the portions of the existing pipes that pass through the existing levee section. Two new replacement pipes will then be installed through the existing levee at a suitable

elevation above the 200-year water surface elevation and will reconnect to the remnant pipes at the landside levee toe. The new pipes connected to the two new pumps will also be installed through the existing levee at a suitable elevation above the 200-year water surface elevation.

A new discharge structure will be constructed at the top of the waterside slope of the levee and will include positive closure devices, check valves, and a flow energy dissipater. An articulated concrete mat (Armorflex) will also be constructed at the waterside slope for erosion control purposes. The existing sump and pump house will remain, although interior structural supports will be added.

The permitting process is currently underway with the Central Valley Flood Protection Board, the California Department of Fish and Wildlife, the U.S. Army Corps of Engineers, and the Regional Water Quality Control Board. Depending on when permits can be finalized, the hope is to construct the improvements in Fall 2019. By upgrading the pumping capacity of the Wisconsin Pump Station, the District will meet FEMA's 100-year drainage standards.



Wisconsin Pump Station



Wisconsin Pump Station [Pumps 1 & 2]

Beavers

As always, please watch for and report signs of any rodent activity on or around the levees. On-site research is revealing that the primary rodent damage to the District properties is being done by beavers. Beavers can cause extensive damage to the integrity of the levees and create significant flood risk for the District residents.



Recently, beaver activity was reported by a resident whose property is on the Smith Canal. Upon District inspection, the beaver activity was found to extend into some of the properties next to the property with the problem. In response, the District performed extensive slope repair and rehabilitation, including placement of a rock to prevent future burrowing of beavers, thus further reducing the risk of a repeat of the problem.

Beaver damage is easily identified by the distinctive cone-shaped tree stumps resulting from their gnawing, and often by the presence of their dams and lodges. Usually, when beavers are active in an area, green sticks with the bark freshly peeled off may be found.

The District encourages property owners along the Smith Canal to immediately report any rodent activity, beavers or otherwise, to the District's Superintendent, Lonnie Lobosco, (209) 992-2827.

Reminders about Levee Work

Please remember, if you live on or own property that includes a levee, you must avoid digging or planting on it. You must first obtain a permit from the District before adding any landscaping or construction on or next to a levee. Please visit the District website for detailed information on the required permits. Feel free to contact the Levee Superintendent to assist you in applying for and obtaining the necessary permit.

District Operations and Maintenance Manual

The District Operations and Maintenance Manual is available for review on the District website: www.RD1614.com. The Manual is in the "Documents" section of the website.



Contact Information

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Thank you for your individual efforts in keeping our levees safe and well maintained.

