

THE GROWER



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DEC 2022

TID Pilots FloodMAR Program

Turlock Irrigation District is partnering with California nonprofit, Sustainable Conservation, to pilot a groundwater recharge program in our subbasin. The on-farm recharge project, scheduled to happen this winter is an initiative that supports our Groundwater Sustainability Plan (GSP) implementation. Sustainable Conservation has been tasked by the Department of Water Resources (DWR) to identify these recharge projects in the Sacramento and San Joaquin valleys. DWR will use data to construct a framework as to what on-farm recharge could look like statewide.

The pilot program, called Flood MAR (flood managed aquifer recharge), will take place on the parcels of two Ballico area almond growers. The concept uses excess storm water to flood irrigate the identified parcels and infiltrate land to replenish aquifers. The parcels participating in the pilot currently use sprinklers, kept their original flood lines/valves in place and haven't been flood irrigated in many years.

The pilot was tested for the first time being during December 9th-11th storm. During the application of localized storm water, TID Water Distribution Staff coordinated delivery and the collection of volumetric delivery data from TID's Rubicon Meters located at their respective sidegates. Sustainable Conservation worked with the growers to manage data collection and analysis duties consistent with the agency's agreement with DWR.

The pilot project progressed well during the initial application and resulted in 7 inches applied over the entire 18 acre parcel in 21 hours and 15 inches applied over 13 acres (a portion of the 37 acre parcel) in 13 hours.

Climate change is affecting how we experience storm runoff. As storms become wetter and dry years become drier, having a place to store these flows in reservoirs or even underground will be more important than ever. The information gathered in this pilot program will allow the District and others statewide to safely maximize these events, leading to improved sustainability in the future.

Irrigation Rule 2.3.1

Growers shall not plant or place trees, vines, shrubs fences or any other type of encroachment in, on, or over any District or Improvement District conduit or District right-of-way unless the District has given specific written approval for such encroachment.

Please contact TID prior to placing encroachments in the District's right-of-way. If you are unsure of what area constitutes the District's right of way, TID can come on property, identify and mark the area, often at no cost to the grower.

For more information, please contact Tristan Higgins at tshiggins@tid.org or (209) 883-8670

Important Dates

Water Use Statement Due:
Saturday, December 31



/company/TURLOCKID



@TURLOCKID

www.TID.org

HYDROLOGY UPDATE



PRECIPITATION

SEPT. - DEC.:
RECEIVED 12.69" OF 12.56"
HISTORIC AVERAGE



DON PEDRO

CURRENT ELEVATION:
735.6 FEET



RECENT STORM

NEARLY 4 INCHES OF
PRECIPITATION
FROM 12/5 - 12/11



FORECAST

8-DAY: 1 INCH
16-DAY: 8 INCHES

*AS OF 12/20/22

Get regular updates on Hydrology Conditions, News & Announcements, and important date reminders by signing up for TID emails.

Go to: TID.org/groweremail

Progress on Voluntary Agreement

On November 10, the California Natural Resources announced that TID, MID, and our Tuolumne River partner, San Francisco Public Utilities Commission, signed a memorandum of understanding to advance the Tuolumne River Voluntary Agreement. The state also released the Tuolumne River-specific term sheet which includes details on proposed river flow and habitat restoration efforts. Signing the MOU allows the Tuolumne River parties to participate in small workgroups with other water and state agencies to work out voluntary agreement implementation details, including both flow and non-flow measures. "We are pleased that our multi-year effort to find a path forward

based on sound-science is taking a significant step forward today," TID General Manager Michelle Reimers said. "Although not the final step in VA process, signing the MOU acknowledges that parties have come to an agreement on the major items including flow and non-flow measures, with some technical details to be finalized."

Details of the agreement were discussed at the TID Board meeting on November 22, 2022. The presentation can be viewed at TID.org/BoardMeetings. The final voluntary agreement will be presented to and approved by the Districts' Board of Directors.

Off Season Irrigations

Growers intending to use TID canals and laterals or Improvement District facilities for irrigation purposes during the off-season must contact the Water Distribution Department (209-883-8356) to coordinate such use. Regular maintenance and repairs are often conducted to canals and laterals during the off-season and any use of TID infrastructure must be preapproved.

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WATER CALL CENTER

Open 7 days a week during irrigation season from 7 a.m. to 5 p.m.
(209) 883-8456

CONTACT US

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