

North San Joaquin Water Conservation District
Weekly Update
Friday May 10, 2024



The District requested its first release from storage this season to refill Tracy Lake

Recharge Dashboard: January 2024-present

North System Recharge:	610 AF
Tracy Lakes Recharge:	112 AF
South System Recharge:	828 AF approx.*
<u>CalFed Recharge:</u>	<u>530 AF approx</u>
Total	2080 AF

SWEEP Grant Round One: The Application deadline is approaching fast. So far, SEWD has received 9 applications (6 are SSJID, 2 are SEWD, and 1 is NSJWCD). San Joaquin Farm Bureau has about 14 applications that they are helping growers submit. We know Kautz will be submitting an application. Unfortunately it looks like Lakso will not have a cost estimate in place in time for this round but will submit for round 2.

Operations Update: Staff attempted to get Caffese Irrigation started but hit a snag with the VFD. We are hoping to have that sorted out early next week. Staff diverted water through its new east ditch outfall for the first time to allow Pixley dams to be installed and it performed well. It did leak water into the county flood water ditch and some of the riprap collapsed. The District will explore a flap valve for the storm water ditch to prevent mosquito issues and repair the rip rap.

Kautz began irrigation operations this week at their main creek pump and installed the highway 99 dam boards. Oye will be installing his boards next week. The District requested its first release from storage to allow continuing operations on the south system at 7.3 CFS and begin a fill at Tracy Lake. Tracy Lake was initially filled to 13 feet 11 inches. Three days at 11.7 CFS got it from 12'6" tp 13'4". The District initially only requested 3 days for Tracy Lake since it is hard to know how much the lake can take before it overfills. The pumps shut off then though there is significant storage capacity remaining. Fortunately, EBMUD increased their releases for flood control so the District began direct diversions again into Tracy lake at noon on Friday.

Staff assisted Lakso and Kautz with SWEEP grant applications



PG&E wins and losses: In the plus column, PG&E advanced their planned work date on the north station and the Pixley Creek Pump. They will be onsite on the 22nd to power Pixley and the preconstruction meeting for the North Station is on the 20th. In the minus column the south station was shut down for about 6 hours and the Tracy Lake pump station was shut off for about three hours this week for a power loss. At the same time we had 20 CFS of water in the river that could not be stopped since it has a 12 hour transit time to our pump station. Since all SCADA runs through the south station, all other pumps shut down as well. This only effected Tracy Lake as it was the only pump running. To prevent further water loss staff drove to Tracy Lake and put it in operation at 19.5 CFS. Once power was restored staff traveled to Tracy Lake and the South Station to resume normal operations as of 6:30 pm.

DREAM 2.0 Partners Meeting: The District General Manager and General Counsel met with SEWD, County and EBMUD Staff to discuss the DREAM 2.0 final project. EBMUD staff expressed a desire to put the existing project back in service first with a proposed implementation date in the three year range to account for environmental work and permitting. EBMUD also signaled a strong interest in the next version relying more on recharge basins which are better able to provide predictable uptake.

South System East Ditch Outfall Operations: Staff diverted water to the new outfall this week. The valve proved to be a flap valve that operates in the closed position so staff put it back in the closed position for safety.



Operating Outfall on the East Ditch Near Brandt Road

North System Phase 1B Progress: Arnaudo is expected to begin the phase 1B install Wednesday May 15.