

North San Joaquin Water Conservation District

Weekly Update
Friday October 18, 2024



Costa Recharge Project Starts for the Season

Recharge Dashboard: January 2024-present

North System Recharge:	700 AF
Tracy Lakes Recharge:	570 AF
South System Recharge:	(recalculating due to outage)
<u>CalFed Recharge:</u>	<u>535 AF approx</u>
Total	

Permit 10477 Water Usage:

South Pump:	3684 AF *
North Pump:	700 AF
Tracy Lake:	863 AF
Cal Fed:	535
TOTAL:	5,782 AF

*estimated due to sand covering meters in south station

Irrigation Dashboard January 2024-present

Caffese Pixley 1	586.5 AF
Oye:	operating but no working meter *
Kautz Pixley 2	152 AF Needs to be recalibrated
Pixley 99	18.92 AF
Tracy Lake:	293 AF
Miller:	operating but no working meter*

Operations Update: Staff focused on getting its winter season recharge system at Lakso at higher production rates and repairs at the Costa project. The Lakso project is now up to 2500 GPM which is about its full capacity at the current river elevation. It can easily handle 3500 GPM at 1500 CFS but drops to about 2000-2500 at lower flow rates. With the EBMUD pulse proceeding we will be going to the pump station frequently to fine tune the highest possible flow rate for the conditions.

Staff was pleased to see the results of its fish screen sweep schedule after the fist pulse wound down today. The Tracy Lake screen which is typically hit the hardest by sand is still clear after the first pulse. Cal Fed, South Station and North Station are all clear of sand as well.



Tracy Lake Fish Screen

After some hiccups Costa got started Thursday evening. The Costa system is operated by six hydrants that cover an alfalfa valve. The hydrant closest to the river was broken off by an unknown cause. A happenstance discussion with Steve Borra who has experience with these systems revealed a relatively easy fix. Staff installed a large \$40 gasket under the valve, cut off the broken portion of the hydrant and

banded the hydrant to the gasket. Contract staff is installed the berms and started the pump yesterday at 5 CFS.



The gasket used to repair the hydrant. The hole was stretched over the alfalfa valve and the lip was placed around the hydrant and then strapped down to the hydrant.

Richard Rodriguez finished discing Tecklenburg Basin Wednesday and staff restarted the recharge project the same day



Mokelumne Fishery is off to a strong start. Almost caught up to last years record season.

