



Westlands Water District

**MEMORANDUM**

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**TO:** SLDMWA BOARD OF DIRECTORS  
**FROM:** TOM BOARDMAN, WATER RESOURCES ENGINEER  
**SUBJECT:** NOVEMBER OPERATIONS UPDATE  
**DATE:** NOVEMBER 4, 2022

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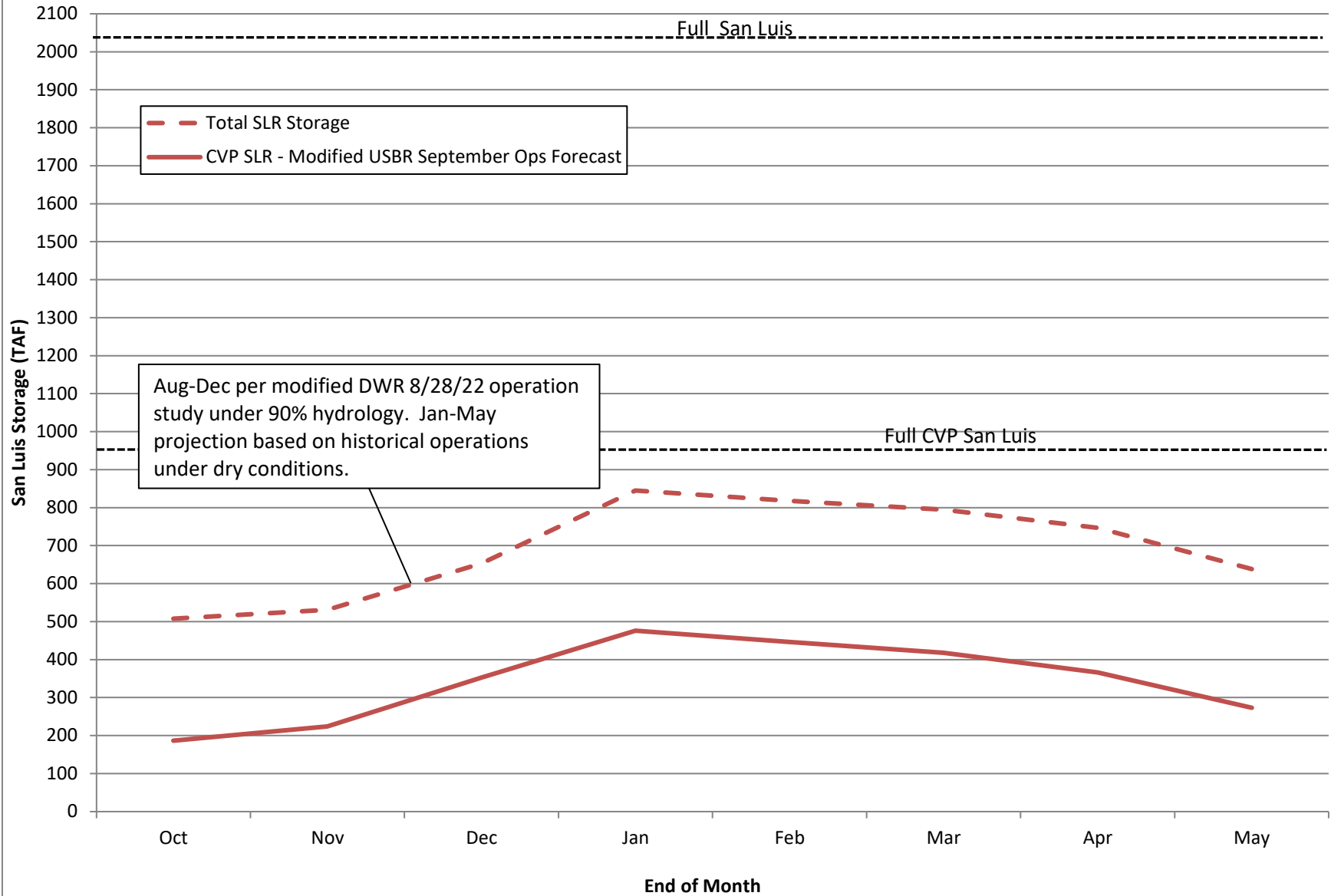
**Project Operations**

- Jones has been pumping at about 900 cfs during most of October due to deteriorating Delta quality and occasionally low Sacramento River flows. As upstream reservoir releases decline to their seasonal minimum rates, Jones pumping is not expected to increase without sufficient storm-related Delta inflow.
- Reclamation's latest forecast shows the accounting balance under the Coordinated Operations Agreement (COA) at about 30 TAF in favor of the CVP. The current balance excludes 59 TAF released from New Melones last year to meet part of the SWP's share of Delta requirements. DWR is planning to payback the New Melones water, but not until low Oroville storage recovers to a manageable level. Current Oroville storage is at 31% of capacity.
- Shasta storage is more than 400 TAF higher than this time last year at 1,409 TAF - 66% of average. The current release of 3,900 cfs is 650 cfs higher than Reclamation's scheduled release to protect emerging winter run salmon fry in the upper Sacramento River. With reservoir storage at its 7<sup>th</sup> lowest level on record, Reclamation is struggling to reduce releases to the minimum rate of 3,250 cfs to begin building storage for next year. The watershed received no rain in October and only a small amount this week. However, a wetter trend is expected over the next seven days.
- Folsom storage is 284 TAF, 75% of average. Releases are near the minimum rate required by the Flow Management Standard at 1,400 cfs. With the reservoir losing 55 TAF during the past month, storage is trending about 30 TAF below Reclamation's latest operations forecast.
- Accumulated precipitation in the Sacramento Valley during October was zero compared to the long-term average of 2.8 inches.
- CVP demands for October were about 80% of the 15-year average. Demands during last month were closer to the seasonal average compared to prior months because of increased fall diversions by refuges.

## **2022-23 San Luis Reservoir Operations**

The current CVP share of the San Luis Reservoir (SLR) is at 184 TAF which reflects a loss of 60 TAF during October. Based on the latest estimate of remaining rescheduled and transfer water, Project water in the CVP share of storage has declined to about 80 TAF – down from an estimated 110-130 TAF last month. Persistent low export rates during October have reduced refill projections such that CVP SLR is now expected to refill to 475 TAF and 750 TAF by April under dry and median conditions, respectively.

## 2022-23 San Luis Storage Projection 90% Exceedance Hydrology



## 2022-23 San Luis Storage Projection 50% Exceedance Hydrology

