



Westlands Water District

MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: JUNE OPERATIONS UPDATE
DATE: MAY 29, 2020

Project Operations

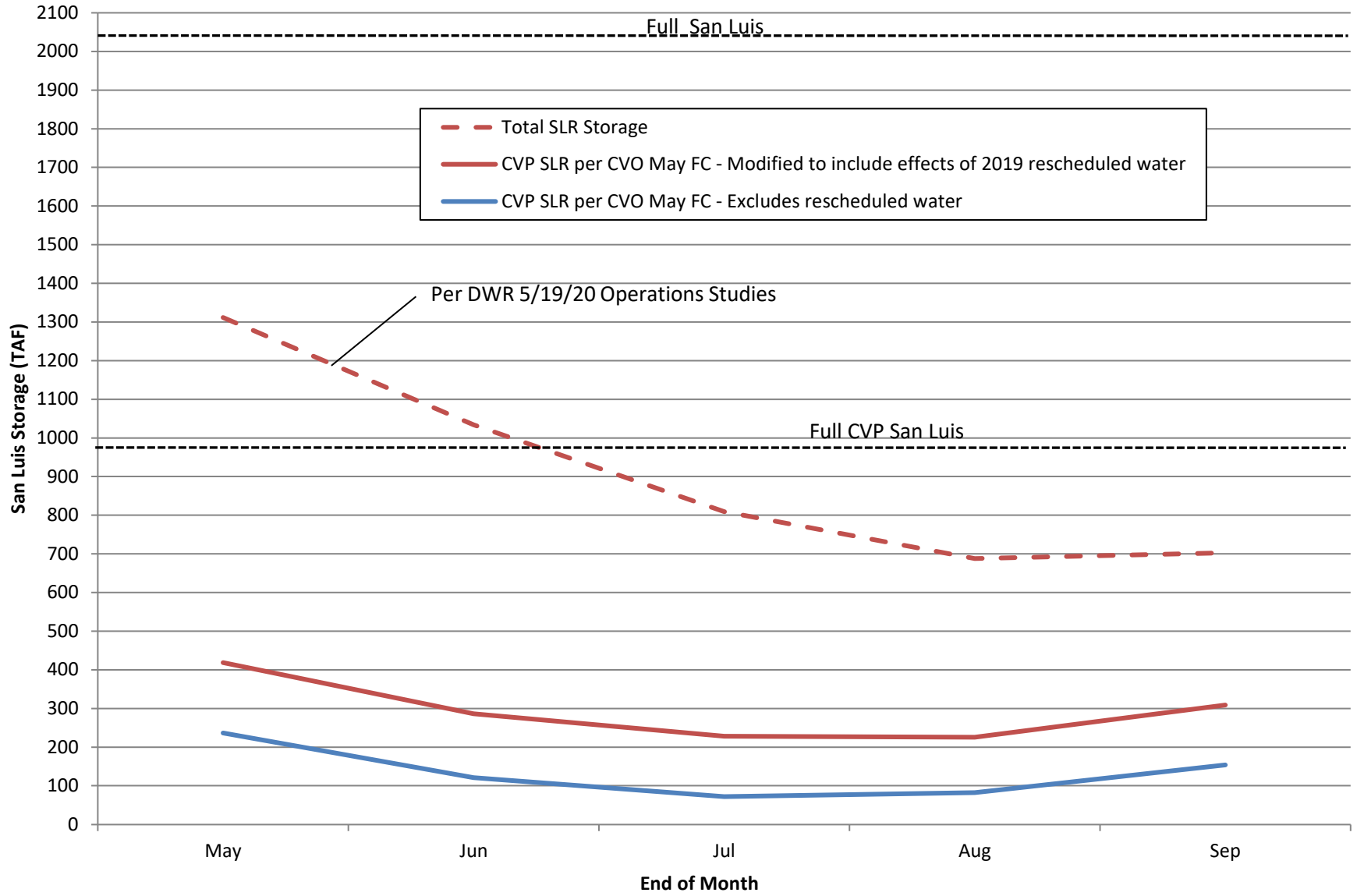
- Jones pumping was limited to one unit or 20% of capacity during May due to D1641 restrictions and a federal court order to operate to the Inflow/Export ratio per the 2009 NMFS BiOp. Pumping is scheduled to increase to 2-3 units by early June as Project pumping is constrained by either delta outflow, the export/inflow ratio, or salinity per D1641 requirements.
- Banks pumped at about 10% of its capacity during most of May under the terms of the SWP's new incidental take permit (ITP) which limits SWP export to a fraction of the flow at Vernalis during April and May. DWR's latest operations forecast projects minimum pumping extending into at least June.
- Shasta storage is at 3.57 MAF and dropping at about 2 TAF per day. CVP operators reported that the recent cool weather has helped preserve the cold-water pool which may improve salmon-related temperature operations later this fall. Releases increased from 9,000 cfs to 10,000 cfs today in response to the recent spike in hot weather.
- Snow melt in the American River basin is approaching the end of its runoff for the year as Folsom continues to gain storage. Releases recently increased to 1,900 cfs to help meet delta needs.
- The final DWR Bulletin 120 update for 2020 was posted this week and shows that, under 90% exceedance conditions, the Shasta Critical year classification will remain. Under 50% exceedance conditions, the Shasta year type is classified as noncritical. As such, Exchange Contractors are entitled to 100% of their contract entitlement under a 1996 agreement with Reclamation. In efforts to help support the recent allocation increases to Ag and Urban contractors, the Exchange Contractors have committed to reduce their summer demands.
- CVP demands were about 167 TAF during May; about 40% below the 15-year average.

2020 San Luis Operations

With demands lower than expected during May, CVP San Luis storage is about 25 TAF higher than Reclamation's latest 90% exceedance forecast. Also, Reclamation has increased its estimate of summer exports which is reflected in the attached San Luis storages graphs showing higher storage through August. Under dry conditions, CVP San Luis storage is expected to remain above 200 TAF this year. The blue line shown on the charts reflects Reclamation's latest operation forecasts that are based on May 1 hydrology. In an effort to

show only the available CVP 2020 Project supply stored in San Luis, Reclamation decided to exclude rescheduled water from its forecasts. As such, the amount of 2020 Project water stored in CVP San Luis (blue line) is shown to drop to near the CVP share of dead storage by late summer.

2020 San Luis Storage Projection 90% Exceedance Hydrology



2020 San Luis Storage Projection 50% Exceedance Hydrology

