



Westlands Water District

MEMORANDUM

TO: SLDMWA BOARD OF DIRECTORS
FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER
SUBJECT: OCTOBER OPERATIONS UPDATE
DATE: OCTOBER 3, 2019

Project Operations

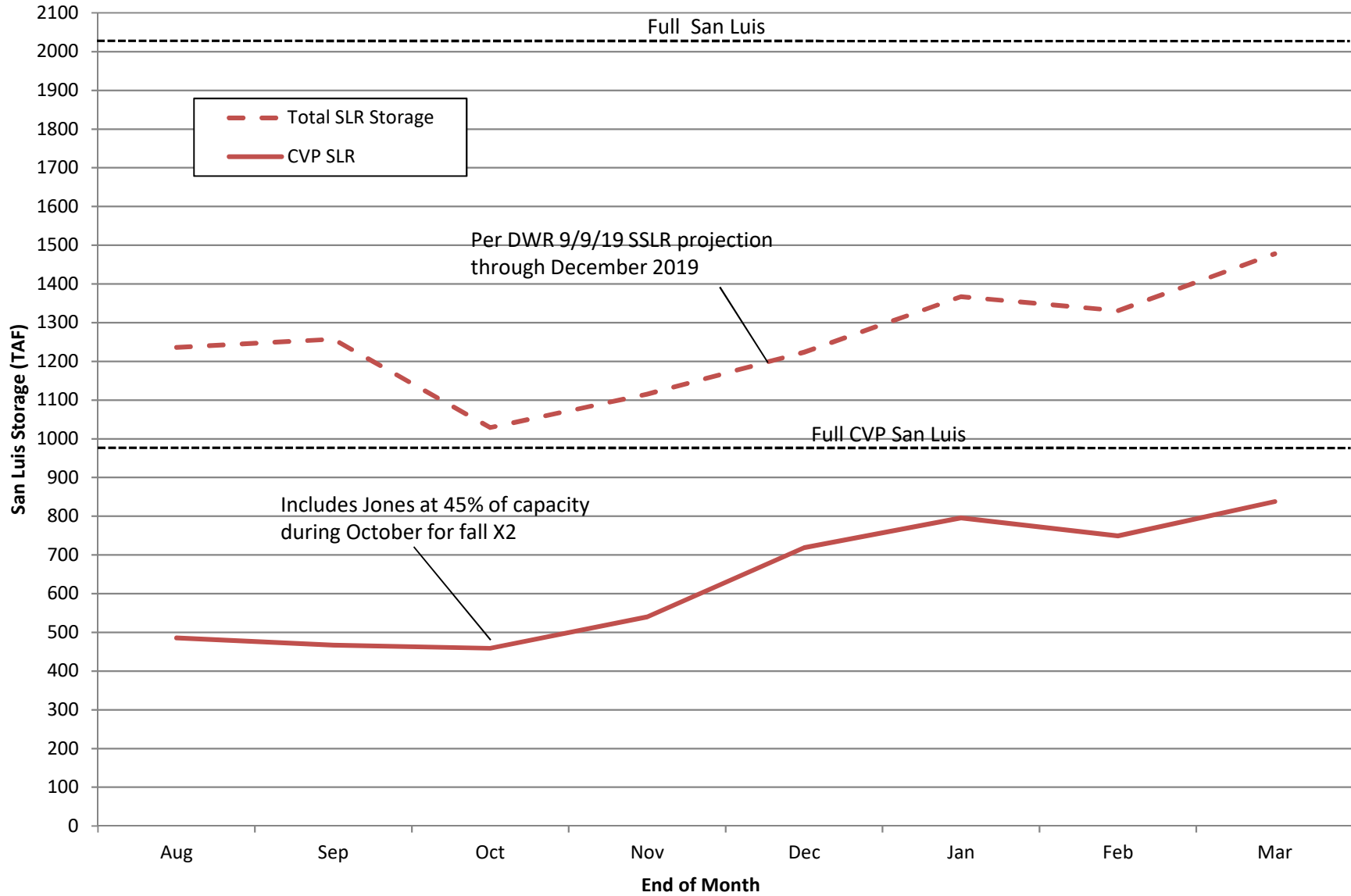
- Jones pumped at capacity during most of September but has since reduced its pumping by 20% to comply with the 2008 Delta Smelt BiOp fall X2 requirement. Reclamation's recent decision to cease operating to a modified fall X2 requirement will result in a cut in Jones pumping to 40% of capacity on October 6th with further export reductions later this month if delta inflows continue to decline.
- Pumping at Banks is about 75% of capacity and is expected to reduce as necessary to maintain compliance with the fall X2 standard through October. SWP exports may be significantly reduced by mid October when Oroville releases are routinely cut to 2,500 cfs to avoid stranding of salmon. Feather river flows are currently at 8,000 cfs.
- Shasta storage is about 3.4 MAF; a reduction of 225 TAF over the past 30 days. The current release is at 6,500 cfs with elevated releases expected to continue as storage is required to be at 3.2 MAF by early December per its flood control requirements.
- Folsom storage is at 714 TAF which is 150% of its 15-year average. Although the current release is at 2,700 cfs, increased reservoir inflow has slowed the storage draw down rate to about less than 1,500 ac-ft per day.
- CVP demands were about 264 TAF during September; about 50% more than the 15-year average.

2019-20 San Luis Operations

Although CVP San Luis storage is about 150% of its 15-year average, sustained refuge and residual ag demands have exceeded Jones pumping; thus, CVP San Luis has not yet begun its refill cycle. The CVP San Luis refill delay was expected because demands tend to be above average until October during wet years.

The other two attached charts illustrating San Luis storage projections to March 2020 show that CVP San Luis could refill by March under average hydrology while falling short of filling by 150 TAF with dry conditions. As expected, the amount of refill by next year will depend on demands, hydrology, and winter-spring export cuts. However, the level of refill will also be affected by the magnitude of export cut incurred in October related to the fall X2 requirement.

2019-2020 San Luis Storage Projection 90% Exceedance Hydrology



2019-2020 San Luis Storage Projection

50% Exceedance Hydrology

