



MEMORANDUM

TO: FRANCES MIZUNO, INTERIM EXECUTIVE DIRECTOR

FROM: TOM BOARDMAN, WATER RESOURCES ENGINEER

SUBJECT: OCTOBER PROJECT OPERATIONS UPDATE

DATE: SEPTEMBER 26, 2018

Project Operations

- Jones continues to pump at capacity while upstream releases and stream depletions decline. CVP pumping is projected to remain at about 4,200 cfs through October due to less stringent delta requirements and sufficient fall flows entering the delta.
- Banks is pumping at about 68% of its permitted capacity and is expected to further reduce when Feather River flows are cut by mid October to avoid stranding risks for fall-run salmon. SWP exports have remained below average this summer due to below average storage in Oroville. Current storage is 64% of normal compared to near-normal levels in Shasta and Folsom
- The SWP COA debt to the CVP is about 150 TAF and is expected to trend downwards over the next two months as upstream CVP releases decline along with SWP exports.
- Shasta storage is about 2.45 MAF and dropping by about 7 TAF per day. With the current release down to 7,250 cfs, carry over storage is certain to remain above 2.4 MAF. Refill for Shasta next spring is estimated to be 3.5 MAF and 4.2 MAF under 90% and 50% exceedance conditions, respectively.
- Folsom storage is tracking about 20 TAF higher than projected under Reclamation's 90% exceedance forecast. Releases are at 1,800 cfs and may be drop to 1,500 cfs to avoid possible stranding during November and December if conditions turn dry.
- CVP demands were about 186 TAF during September which is more than triple the 15 year average.

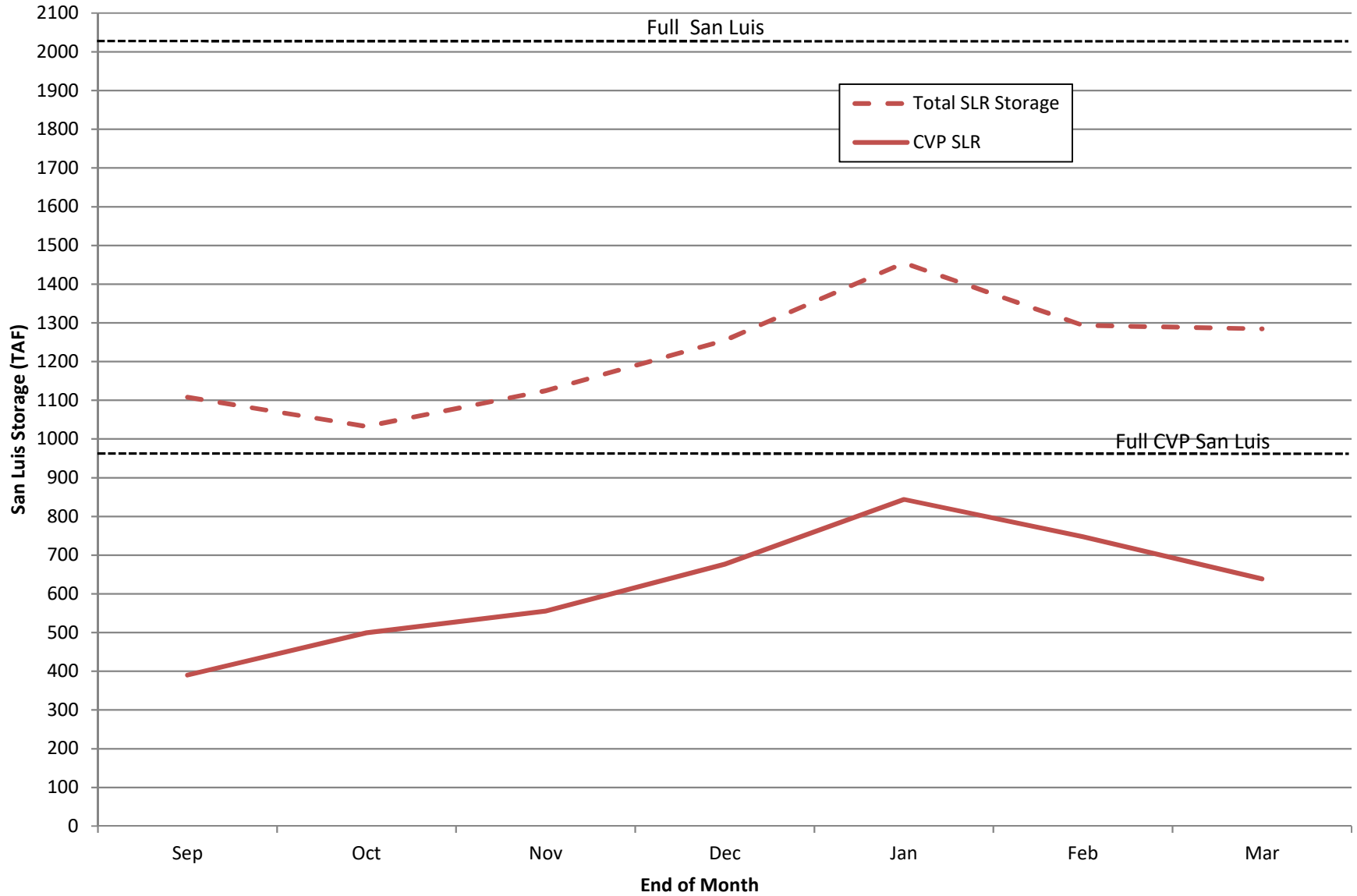
2018/19 San Luis Operations and Allocation Projection

CVP San Luis storage is estimated to refill by 70 TAF during September. As shown on the attached San Luis projection charts, CVP San Luis will fall short of filling by 120 TAF under dry conditions, but is expected to fill by early next year under normal hydrology.

With near average upstream storage and CVP San Luis storage projected to hold at least 700 TAF plus rescheduled water by next spring, the Ag allocation is expected to be 25-45%. The ag allocation will be in the upper end of the range under normal hydrology and could increase to 65-70% if the San Joaquin basin hydrology is above average by late spring.

2018/2019 San Luis Storage Projection

90% Exceedance Hydrology



2018/2019 San Luis Storage Projection

50% Exceedance Hydrology

