

# **SJRRP Daily Seepage Evaluation Log – Water Year 2011**

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November 20, 2010

Based on preliminary data, flow exceeded 475 cfs in Reach 2A as recorded at the Gravelly Ford gaging station on November 20, 2010. Daily evaluations will continue while flow remains above this evaluation threshold. Releases from Friant Dam for Interim Flows and riparian diversion are 700 cfs. Current operations criteria include:

1. Friant Dam releases should be reduced by anticipated Cottonwood and Little Dry Creek inflows so as not to exceed 1300 cfs at the Chowchilla Bifurcation Structure.
2. Current release from Sack Dam is approximately 70 cfs in order to meet the river stage elevation threshold at Washington Road.
3. Mendota Dam can release water to meet the flow target at Sack Dam and limit releases for the SJRRP such that the combined releases for Interim Flows and Arroyo Canal deliveries do not exceed 1300 cfs.
4. SLDMWA may meet Sack Dam flow targets through the Firebaugh Wasteway to maintain at least 300 cfs of flow in the lower Delta-Mendota Canal. Under conditions when DMC flows fall below 300 cfs, all of the pool demands may be met from SJRRP flows and DMC deliveries to the pool may be zero.
5. Reclamation may request that CCID deliver up to 200 cfs through the Outside Canal from Mendota Pool to Orestimba Creek (Reach 5) if SJRRP inflows exceed the combined demands of Mendota Pool and Sack Dam targets.

Based on the available information below, no seepage problems are anticipated within these operating criteria and Reclamation will continue with the Interim Flow releases as scheduled.

As of November 20, 2010:

1. Flows rates from provisional real-time data are below known conveyance thresholds (8,000 cfs in Reach 2A, 1,300 cfs in Reach 2B, and 1,300 cfs in Reach 3).
2. The Mendota Pool operations call yesterday did not identify any issues.
3. The seepage hotline has not received any calls regarding Water Year 2011 flows.
4. Real-time provisional groundwater data does not show unaddressed groundwater depths crossing identified thresholds.
5. Manually monitored groundwater wells do not show unaddressed groundwater depths crossing identified thresholds.
6. Known upstream conditions do not indicate likely seepage impacts.

Seepage Hotline Call 2011-1 was received on Wednesday November 17<sup>th</sup> at 3:30 pm regarding a tile drain with water in it in Reach 4A. The SJRRP has discussed the situation with the landowner. Operational conditions below Sack Dam will limit releases to match a river stage elevation

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equivalent to a groundwater level threshold of 7.5 feet below the ground surface. Planned releases may continue with this restriction.

November 21, 2010

Conditions are the same as November 20, 2010.

November 22, 2010

Due to exceeding pump capacity at O'Neill Forebay and forced flow down the Delta Mendota Canal, Mendota Pool is gaining water and spill is anticipated if current releases are continued. To avoid this scenario, and to allow for maintenance at one of the valves on Friant Dam, releases from Friant Dam for Interim Flows and riparian diversion reduced to 310 cfs at 2:00 pm today.

November 23, 2010

Conditions are the same as November 22, 2010.

November 24, 2010

Conditions are the same as November 23, 2010.