

Delta Monitoring Workgroup

Meeting Recorded 2/9/2021

Working Group Members & Observers

Attendees	Organization
Nick Bertrand	USBR
Josh Israel	USBR
Ian Smith	USBR
Rafael Lopez Gonzalez	USBR
Elissa Buttermore	USBR
Suzanne Manugian	USBR
Randi Field	USBR
Liz Kiteck	USBR
Katherine Sun	USFWS
Jeff Stuart	NMFS
Ken Kundargi	CDFW
April Hennessy	CDFW
Felipe La Luz	CDFW
Farida Islam	DWR
Kevin Reece	DWR
Mike Ford	DWR
Jeff Onsted	DWR
Matt Holland	State Board
Deanna Sereno	Water Contractor
Yuan Liu (CCWD)	Water Contractor
Heidi Williams (Valley Water)	Water Contractor
Shawn Acuña	Water Contractor
Sheila Greene	Water Contractor
Shelby Rinehart (WWD)	Water Contractor
Chandra Chilmakuri	Water Contractor
Darcy Austin (SWC)	Water Contractor
Scott Peterson (SLDMWA)	Water Contractor

Absentees	Organization
Mario Manzo	USBR
Jana Affonso	USFWS
Kristal Davis-Fadtke	CDFW
Brett Harvey	DWR
Frances Brewster	Water Contractor
Alison Collins	Water Contractor
Corey Phillips (MWD)	Water Contractor
Ian Buck-Macleod (Friant Water Authority)	Water Contractor
Lenny Grimaldo (DWR)	Observer

Action Items

1. Suzanne to address comments regarding incorporating notes on existing hydrology into PA Assessment figures.
2. Felipe to work with DWR to explore ways to address comment regarding incorporation of hydrologic information into PTM Summary.
 - a. Deanna to send details to Ian (DWR) via email (complete).

Additional Notes on Discussion Items

- Introduction
- Review Fish and Water Operation Outlook
 - Heading into next week looking at some moderate storm events. A chance of precipitation Thursday then again Saturday. Small events.
 - No expected changes at Clear Creek.
 - Sacramento is at minimum flow, no anticipated changes.
 - American, releases downstream from Nimbus at 950 cfs. Update in hydrology - the teams will be discussing anticipate changes there.
 - Making additional releases due to Vernalis.
 - Hoping to time the flow (two-day pulse) with a storm event.
 - Some uncertainty of the pumping range due to the added precipitation.
 - Turbidity is clearing out of the delta. Not an issue anymore.
 - Operating to 7100 CFS which is the X2 standard at Collinsville on a 3-day average – that is controlling operations at this point.
- Review PA Assessment and ITP Assessment from Smelt Monitoring Team (SMT) and Salmon Monitoring Team (SaMT)
 - Reviewed executive summary from PA assessment.
 - SaMT – no issues to elevate to WOMT.
 - Likely an increase in salvage and loss of salmonids at the fish collection facilities, due to increased flows and maturation queuing fish outmigration. Loss of salmonids seen at the facilities this past week.
 - Don't anticipate performance measures will be triggered.
 - SMT – no issues to elevate to WOMT.
 - The more negative OMR index creates greater probability of entrainment.
 - OBI turbidity may be influenced, but unlikely to reach 12 FMU. Likelihood of entrainment is slightly elevated.
 - No non-consensus issues.
 - No outages last week.
 - Larval sampling this month on the 15 and 21st.
 - SLS #2 – no delta smelt detected.
 - SLS #3 in field 8th – 10th - no delta smelt detected.

- SKT 2 – no detections.
 - EDSM – in the field the 1-4, no abundance estimate this week. Sampling 8-12, with only 2 crews, not sampling western strata.
 - Bay Study is back on the water.
 - SCCL collection was on the 21st.
- Question on why different hydrology not reflected in the plots shown in the PA Assessment. Comment that it would be helpful to include this information in the graphic, not just in the document narrative.
 - Response (SM) that this is an easy adjustment to make for subsequent documents.
- ITP Assessment – Salmonid and Delta Smelt assessment tracks the PA Assessment.
- LFS –
 - Updated detection – at 2 stations. (809 and 812)
 - SMT balancing the lower density of LFS with changes in hydrology.
 - Determined that no advice to WOMT is warranted at this time. However, exports increasing to -3500 cfs could create higher risk for LFS.
 - FLS data from Barker slough not available today, will review at next scheduled meeting.
 - SMT believes LFS spawning occurring in lower San Joaquin.
- Comment that PTM Summary should include information on boundary conditions. Question about whether this information was considered.
 - Response that DWR representatives participating in SMT did look at the hydrology and noted that QWEST tracked well. Will check with DWR on feasibility of including this information in subsequent summaries (Freeport, Vernalis, net delta consumptive use and QWEST output)
- Provide information in DMW notes for consideration by DWR and Reclamation.