

Delta Monitoring Workgroup

Meeting Record 3/16/2021

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
Katherine Sun	USFWS
Ken Kundargi	CDFW
April Hennessy	CDFW
Felipe La Luz	CDFW
Farida Islam	DWR
Mike Ford	DWR
Jeff Onsted	DWR
Matt Holland	State Board
Yuan Liu (CCWD)	Water Contractor
Heidi Williams (Valley Water)	Water Contractor
Shawn Acuña (MWD)	Water Contractor
Sheila Greene (WWD)	Water Contractor
Chandra Chilmakuri (SWC)	Water Contractor
Ian Buck-Macleod (Friant Water Authority)	Water Contractor

Absentees	
Mario Manzo	USBR
Liz Kiteck	USBR
Jana Affonso	USFWS
Kristal Davis-Fadtke	CDFW
Kevin Reece	DWR
Brett Harvey	DWR
Deanna Sereno (CCWD)	Water Contractor
Frances Brewster (Valley Water)	Water Contractor
Alison Collins (MWD)	Water Contractor
Corey Phillips (MWD)	Water Contractor
Shelby Rinehart (WWD)	Water Contractor
Darcy Austin (SWC)	Water Contractor
Scott Peterson (SLDMWA)	Water Contractor
Jennifer Buckman (ARSC)	Water Contractor

Action Items

1. Ken to share PTM run with group. (DONE)
2. Suzanne to look into Chandra's request to incorporate the salvage prediction model results in the assessment document. Suzanne and Nora to identify best way to close loop on this for the group, either in next meeting or via email.

Additional Notes on Discussion Items

- Introduction
- Review Fish and Water Operation Outlook
 - Lingering unstable weather – showers later this week and drying out into the weekend. Wetter weather Thursday and Friday, but probably only 0.5 in in valley, 1-2 inches in mountains.
 - Clear Creek – 225 cfs, minor modification; Sacramento – 3500 cfs and will remain
 - American – 2000 cfs, last week projects tried to meet D1641 requirement for 2 Chipps Days at 11,400 cfs. Coming off higher flows of 3500 cfs, ramping down by 500 cfs/day to 1200 cfs
 - Stanislaus – from 400 cfs to 200 cfs though continuing to monitor Vernalis salinity; started Thurs to Sun to cycle Jones to target 400 cfs/day export, now at 800 cfs; met 11,400 cfs requirement as of yesterday; extended construction of DCC gates through March.
 - Delta -- Needed 10 X2 Chipps days in March (11,400 cfs on 3 day average) – had 8 days coming in, so needed two days -- met them on March 14, 15th; seeing some residual effects of previous reservoir releases; 2000 cfs today at CC, 1500 cfs tomorrow, 1200 cfs Thurs; OMR is -2400 cfs today and looking at -2200 to -2400 cfs the rest of the week.
 - Question about what factors would be controlling for the rest of the week?
 - Response that in absence of operating restrictions or excess water in Delta, Collinsville 7100 cfs X2 outflow would control for the remainder of March.
- 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; salmonids continue to move into Delta.

- Salmonids are also migrating past Chipps Island (percentages in assessment).
 - Likely to see salmonids at collection facility; been several hatchery releases.
 - Not expecting performance measures will be triggered in the next week.
 - OMRs are expected to be more positive than triggers.
 - Added incidental take limit for Battle Creek Hatchery winter run to assessment.
 - Question on entrainment tool used to predict salvage – is that cumulative for the week or any day in the week?
 - Response that the result is cumulative for the week. For reference, more detail can be found on SacPAS, in the tools link, salvage predictor tool (based on ICF entrainment tool).
 - Follow up request to include the result from what they run in the assessment.
 - *SM will look into this request*
- SMT
 - Similar to last week. No non-consensus issues. No abundance estimate as EDSM caught no Delta Smelt. No Delta Smelt salvage.
 - Reported on surveys (see table): SLS 5 and 6. 20mm and SKT start dates. Reported on EDSM; Phase 2 begins March 29th.
- ITP Assessment –
 - DS – no advice.
 - LFS – recommended that 8.4.2 and 8.12 advice continue. Under 8.4.2, we recommended operations target no more negative OMR than -2500cfs; decided risk is still high in the central and south delta. Under 8.12, hit hard trigger; however there is still an outage for maintenance at Barker Slough. LFS were detected at four of the priority stations.
 - Catch table for SLS 5 is included in draft summary; SLS 6 started yesterday, so far processed: 809 – 9 LF; 812-2; 901—5; 902 – 1
 - Once 20mm survey starts, will give us a better sense of presence of larger larvae/juveniles; SLS doesn't capture those well.
 - Chipps: 3 LF (70-80mm) March 9-15.
 - Had a new PTM run – used a different approach; DWR created a base case scenario based on the upper range of the Outlook scenario, OMR would not be controlled in that base case.
- Provide information in DMW notes for consideration by DWR and Reclamation.
 - *No information provided.*