

Delta Monitoring Workgroup

Meeting Record 4/20/2021

Working Group Members & Observers

Attendees	Organization
Nick Bertrand	USBR
Josh Israel	USBR
Ian Smith	USBR
Suzanne Manugian	USBR
Randi Field	USBR
Elissa Buttermore	USBR
Katherine Sun	USFWS
Jeff Stuart	NMFS
Ken Kundargi	CDFW
April Hennessy	CDFW
Felipe La Luz	CDFW
Mike Ford	DWR
Farida Islam	DWR
Jeff Onsted	DWR
Deanna Sereno	Water Contractors
Yuan Liu (CCWD)	Water Contractors
Heidi Williams (Valley Water)	Water Contractors
Shawn Acuña	Water Contractors
Sheila Greene	Water Contractors
Chandra Chilmakuri	Water Contractors
Ian Buck-Macleod (Friant Water Authority)	Water Contractors
Holly Jacobson for Jennifer Buckman (ARSC)	Water Contractors

Absentees	Organization
Mario Manzo	USBR
Rafael Lopez Gonzalez	USBR
Liz Kiteck	USBR
Jana Affonso	USFWS
Kristal Davis-Fadtke	CDFW
Brett Harvey	DWR
Kevin Reece	DWR
Matt Holland	State Board
Frances Brewster	Water Contractors
Darcy Austin (SWC)	Water Contractors
Shelby Rinehart (WWD)	Water Contractors
Alison Collins	Water Contractors
Corey Phillips (MWD)	Water Contractors
Scott Peterson (SLDMWA)	Water Contractors
Lenny Grimaldo (DWR)	Observers

Action Items

None

Additional Notes on Discussion Items

- Introduction
- Review Fish and Water Operation Outlook
 - Continued persistent dry conditions. Chance of precipitation later in the week up, but no runoff due to dry soils.
 - Sacramento – increasing to 7,000 cfs tomorrow.
 - American – holding.
 - Stanislaus – currently at 600 cfs, still in the spring pulse there.
 - Jones – exports at 800 cfs.
 - DCC gates closed.
 - Oroville – 1,100 cfs. Very dry in the watershed. Clifton Court is at 400 cfs. Projects have increased reservoir releases in the past few weeks to meet demands, but continued dry conditions have reached the point where, if more water is released, there will be problems later this summer with temperature control, flows and salinity. The Delta outflow standard in May is less than April's, given the persistent dry conditions in the Delta watershed.
- 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 for WOMT.
- No PA performance measures triggered.
- Some natural steelhead observed in salvage. Currently at less than 2% of the 50% threshold.
- OMR flows more positive than the single loss threshold triggers require.
- SMT
 - No issues for WOMT.
 - Two smelt sampled by EDSM - one was 13 mm, second was 12.7 mm, sampled on April 12th and 13th in Deepwater Ship Channel.
 - New abundance estimate will come out on Friday.
 - Question – Will SKT 5 occur be ongoing in May?
 - Response – No, will conclude in April.
- ITP Assessment –
 - No SMT advice warranted with current operations. A recommendation would not change the salvage trajectory of LFS in the south delta.
 - 20mm survey sample process is ongoing –catch table distributed to group. There were larval LFS detected during survey 2, but no detection during survey 3.
 - Uptick in LFS salvage. Once juveniles are within a certain distance of the facilities, no action available to prevent further salvage. LFS being entrained in the facility. 115 LFS were salvaged at the state facility and 60 at the federal facility. Still seeing young fish in the system.
 - No PTM –given current hydrology.
- Provide information in DMW notes for consideration by DWR and Reclamation.
 - None

Acronyms

DCC – Delta Cross Channel
 DWR – California Department of Water Resources
 FNU -- Formazin Nephelometric Unit
 ITP – Incidental Take Permit
 JPE – Juvenile Production Estimate
 LFS – Longfin Smelt
 NTU – Nephelometric Turbidity Unit
 OBI – Old River Bacon Island Station
 OMR – Old and Middle River Tidally Averaged Flow
 PTM – Particle Tracking Model
 SaMT – Salmon Monitoring Team
 SLS – Smelt Larval Survey
 SMT – Smelt Monitoring Team
 SWRCB – State Water Resources Control Board

TFCF – Tracy Fish Collection Facility
WCS – Winter Run Chinook Salmon
WQ – Water Quality