

Delta Monitoring Workgroup

Meeting Record 05/25/2021

Attendees	Organization
Nick Bertrand	USBR
Josh Israel	USBR
Ian Smith	USBR
Suzanne Manugian	USBR
Randi Field	USBR
Elissa Buttermore	USBR
Rafael Lopez Gonzalez	USBR
Katherine Sun	USFWS
Ken Kundargi	CDFW
April Hennessy	CDFW
Felipe La Luz	CDFW
Farida Islam	DWR
Mike Ford	DWR
Jeff Stuart	NMFS
Deanna Sereno	Water Contractors
Shawn Acuña	Water Contractors
Yuan Liu (CCWD)	Water Contractors
Heidi Williams (Valley Water)	Water Contractors
Jennifer Buckman (ARSC)	Waters Contractors
Absentees	Organization
Mario Manzo	USBR
Liz Kiteck	USBR
Jana Affonso	USFWS
Kristal Davis-Fadtke	CDFW
Kevin Reece	DWR
Brett Harvey	DWR
Jeff Onsted	DWR
Matt Holland	State Board
Chandra Chilmakuri	Water Contractors
Frances Brewster	Water Contractors
Sheila Greene	Water Contractors
Shelby Rinehart (WWD)	Water Contractors
Deanna Sereno	Water Contractors
Alison Collins	Water Contractors
Corey Phillips (MWD)	Water Contractors
Scott Peterson (SLDMWA)	Water Contractors
Darcy Austin (SWC)	Water Contractors
Lenny Grimaldo (DWR)	Observers

Action Items

None

Additional Notes on Discussion Items

- Introduction
- Review Fish and Water Operation Outlook
 - Forecast remains dry.
 - Oroville - Joint operations over last week focused on compliance with Emmaton water quality standard (Delta agricultural uses). Struggled with balancing reservoir releases versus maintaining adequate reservoir carry-over storage for summer. Appears that diversions along the Sacramento River peaked and depletions are now decreasing. As a result, there is adequate flow at Freeport right now. SWP will make a few cuts at Oroville over the next few days, down to 1,750 cfs on Thursday. Will see how Emmaton responds. Exports remain low – at 350 cfs at Clifton Court.
 - D-1641 standards change on June 1 from those in May. A reply is anticipated late this week from the SWRCB on DWR and Reclamation's joint request for modified standards. It is possible that standards may be modified for drought conditions beginning June 1 and through the summer.
 - Sacramento - ramping down releases from Keswick from about 8,800 cfs earlier in the week. It takes about five days for the flows to drop at Freeport.
 - Peak of spring tide occurs over Memorial Day Weekend. Releases are being coordinated. Remain at 800 cfs at Tracy.
 - DCC gates will be closed for an indefinite period.
 - Q: Winds caused high tide. How much did you have to increase releases to address the additional salinity intrusion?
 - R: Not aware of the quantification of this. There were anomalous tides that were higher than predicted and brought a lot of salt. To quantify this, it would require guesses at the changing diversions on the Sacramento. The overall premise is correct.
- 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 performance measures expected to be triggered.
 - SMT
 - No issues for WOMT.
 - No abundance estimates this week.

- Sampling:
 - 20 mm #4 in field May 3-6, one DS detected.
 - 20 mm #5, 32 % processed, no DS.
 - 20 mm #6 in field June 1-4.
 - Bay Study complete for May. No DS.
 - EDSM – No DS.
 - Chipps Island Trawl – 3 days per week, no DS.
 - Mossdale trawl –sampling 3 days per week, no DS.
- Offramp for OMR Management season – OMR criteria may control until June 30 or until the Clifton Court water temperature is 77 degrees F for three consecutive days.
- ITP Assessment –
 - No advice to WOMT for LFS.
 - Condition 8.12 For Barker Slough not triggered by recent sampling.
 - LFS salvage decreasing at both facilities. Totals to date – 615 at the state facility and 188 at the federal facility.
 - Salvage operations did not occur while Banks was offline.
 - A lot of survey data still pending.
 - Three 20 mm survey stations (910, 912, 919) had to be dropped due to equipment malfunction.
 - Summer Towntnet Survey scheduled to begin June 7.
 - SKT Abundance Index for DS is zero.
 - EDSM reported 2 YOY LFS.
 - Bay Study collected 349 juvenile LFS and 12 adults.
 - Catch table attached.
- Provide information in DMW notes for consideration by DWR and Reclamation.
 - *None*

Acronyms

DCC – Delta Cross Channel
 DWR – California Department of Water Resources
 DS – Delta Smelt
 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
YOY – Young of Year