

# Delta Monitoring Workgroup

Meeting Record 06/07/2022

## Working Group Members in Attendance

- USBR: Nick Bertrand, Ian Smith, Randi Field, Erika Kegel, Kristin Arend, Elissa Buttermore
- USFWS: *Not in attendance*
- NMFS: *Not in attendance*
- CDFW: April Hennessey
- DWR: Mike Ford, Brian Schreier
- SWRCB: Matt Holland
- Water Contractors: Chandra Chilmakuri, Darcy Austin (SWC); Shawn Acuña (MWD); Yuan Liu, Danna Sereno (CCWD); Heidi William (Valley Water); Tom Boardman, Jose Rangel (WWD)

## Additional Notes on Discussion Items

For detailed information on the outlook or assessment document overviews presented during the meeting, please refer to those documents.

## Review Operations Outlook (Randi Field, USBR and Mike Ford, DWR)

- Precipitation increased over the weekend with a warming trend occurring throughout the week with triple digit temperatures. There will be a chance of precipitation in the far northern areas.
- Whiskeytown releases into Clear Creek are 150 cfs with no anticipated changes.
- Sacramento River releases out of Keswick Dam are currently 4,000 cfs, in response to demands north of the Delta.
- American River releases out of Nimbus Dam are currently 2,000 cfs in response to growing water quality concerns in the Delta the American River may need to increase flows.
- Goodwin Dam, on the Stanislaus River, is currently at 800 cfs to meet D-1641 Vernalis flow requirements.
- There is concern in the Delta regarding salinity.
- Delta exports at Jones Pumping Plant are 900 cfs. It is unlikely the Delta Cross Channel gates will reopen this weekend based on the current conditions to maintain salinity requirements.
- Oroville releases are 3,000 cfs, up from 2,700 cfs last week. It's likely that Oroville will increase to 3,500 cfs on Thursday, in response to a heat wave and forecasted higher tides.
- Clifton Court Forebay exports are currently 300 cfs.

### **Review PA Assessment (Nick Bertrand and Kristin Arend, USBR)**

- The PA's Assessment's offramp measure has experienced one day above 71.6 °F in June.
- Turbidity daily average at OBI was 2.88 FNU on 6/6/2022.
- X2 is estimated to be 92.4 km.
- After secondary QA/QC, the four DS captured on 5/23/2022 in the Sacramento Deep Water Ship Channel and reported last week were identified as fish other than DS. One fish originally thought to not be DS was confirmed to be a DS this week.
- No larval or juvenile DS were salvaged in the last week and qualitative larval sampling will end on 6/7/2022.

### **Review ITP Risk Assessment (Brian Schreier, DWR)**

- The ITP Risk Assessment condition does not offramp under the same conditions as OMR management. Offramping will occur as of June 30. If OMR offramps due to temperatures notifications will be sent out as appropriate.
- Six juvenile LFS were salvaged over the last week.
- Surveys 4, 5, and 6 are still being processed.
- The risk assessment changed from high to moderate based on decreases in detections and salvage numbers.

### **Additional Questions or Comments**

- *No additional discussion.*

### **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
- TUCP – Temporary Urgency Change Petition
- WCS – Winter Run Chinook Salmon
- WQ – Water Quality
- YOY – Young of Year