

# Delta Monitoring Workgroup

## Meeting Record 10/18/2022

### Working Group Members in Attendance

- USBR: Kristin Arend, Nick Bertrand, Randi Field, Brian Mahardja, Elissa Buttermore, Erika Kegel, Ian Smith
- USFWS: Not in attendance
- NMFS: Not in attendance
- CDFW: Crystal Rigby, Taiga Yamaguchi, April Hennessey, Erica Meyers
- DWR: Mike Ford, Nicole Kwan
- SWRCB: Not in attendance
- Water Contractors: Darcy Austin, Chandra Chilmakuri (SWC); Tom Boardman, Jose Rangel, David Vang (WWD); Heidi Williams (Valley Water), Jennifer Buckman (ARSC); Deanna Sereno (CCWD)

### 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)

- The current release out of Oroville Dam on the Feather River is 2,400 cfs.
- Releasing 1,400 cfs downstream from Nimbus Dam to the American River; looking for potential storage conservation opportunities.
- Goodwin Dam releases on the Stanislaus River are at 300 cfs; the fall pulse began on 10/13/2022 and flows will jump to 1,200 cfs within the 7-day period. This release pattern continues through the end of October, returning to base flow on 11/01/2022.
- In the Delta, Rio Vista flow is at 3,000 cfs; there was a salinity buildup at the beginning of October that is showing signs of improvement; salinity monitoring will continue.
- Jones Pumping Plant is in a holding pattern of 900 cfs.
- The Delta Cross Channel (DCC) Gates will continue to be open on weekends and closed on weekdays to support the Rio Vista flow regulatory requirement and help with salinity and water quality.
- 500 cfs continuing at Clifton Court, but 10/24/2022 through 10/26/2022 will be at 0 cfs for herbicide spraying.

### **Additional Questions or Comments**

- No additional questions.

### **Review PA Assessment (Brian Mahardja, USBR)**

- No changes from last week.
- 100 percent of juvenile Chinook salmon are yet to enter the Delta; zero percent of Chinook salmon in the Delta and past Chipps Island.
- The Salmon Monitoring Team is still seeing some observations of winter-run Chinook at GCID and Tisdale, but no major changes or increases.
- Knights Landing rotary screw trap installed Monday 10/17/22 but no observations of winter-run Chinook yet.

### **Review ITP Risk Assessment**

- No ITP discussion this week.

### **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
- GCID – Glenn-Colusa Irrigation District
- 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