# Delta Monitoring Workgroup

## Meeting Record 05/10/2022

### Working Group Members in Attendance

- USBR: Suzanne Manugian, Randi Field, Mike Beakes, Erika Kegel, Nick Bertrand, Kristi Arend
- USFWS: *Not in attendance*
- NMFS: *Not in attendance*
- CDFW: April Hennessey
- DWR: Mike Ford, Brian Schreier
- SWRCB: Matt Holland
- Water Contractors: Chandra Chilmakuri (SWC); Jose Rangel, David Vang, Tom Boardman (WWD), Shawn Acuña (MWD)

### 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)

- Sacramento River – releases downstream from Keswick Dam are 3,250 cfs and will increase to 3,500 cfs on 5/11/2022.
- Releases from Shasta, Folsom and Oroville have increased in response to decreasing Delta inflows and concerns about outflow and salinity in the Delta.
- Stanislaus River – releases are 500 cfs from Goodwin Dam and will peak at 850 cfs. The spring pulse flow will end on 5/18/2022 and will result in diminishing flows. It is unclear what flows will be after the spring pulse flow ends.
- The tidal cycle is at the base of a neap cycle and will move into a strong spring tide. Operations will be focused on mitigating the effects of the spring tide to maintain water quality.
- DCC gates remain closed; however, may begin operations around May 21 based on the D-1641.
- Feather River releases at Oroville are currently at 2,200 cfs.
- Clifton Court exports are currently 300 cfs and will increase to 600 cfs on 5/11/2022.
- There is scheduled maintenance at Banks Pumping Plant from 5/15/2022 to 5/20/2022 and Banks will be at zero during that time. There will still be some limited diversions through the

radial gates at the Clifton Court Forebay entrance to maintain CCFB storage. During the Banks outage, exports from Jones Pumping Plant may increase.

Questions/Comments

*No discussion.*

### Review PA Assessment (Suzanne Manugian and Nick Bertrand, USBR)

- On 4/16/2022 one fish was identified as a Chinook salmon but was properly identified as a steelhead.
- Turbidity remains low.
- X2 is currently at 87 km.
- It is unlikely that DS are going to move into the south and central Delta while turbidity remains low. Although it is unlikely that turbidity will reach the 12 FNU threshold it will be monitored closely due to the recent precipitation event.
- A total of 81 DS have been detected this water year. In the last week, 1 new DS has been detected on the lower Sacramento River at station 704.
- Four fish that were previously identified as DS have now been properly identified as other species of Osmerid.

Questions/Comments

*No discussion.*

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

- No distribution and density triggers for LFS were met this week. However, SMT still believes the risk of entrainment in the OMR corridor is high.
- Two LFS larvae were detected at two stations in the lower San Joaquin River.
- Salvage numbers for LFS are still high. Over the last week, approximately 600 LFS were salvaged between both the Skinner and Tracy Fish Facilities, bringing the annual total to 6,790 salvaged fish.
- There are still adult and sub-adult LFS at Chipps Island.

Questions/Comments:

- *No discussion.*

### 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