

Delta Monitoring Workgroup

Meeting Record 06/13/2023

Working Group Members in Attendance

- USBR: Mike Beakes, Nick Bertrand, Elissa Buttermore, Randi Field, Erika Kegel, Brian Mahardja, Catarina Pien
- USFWS: Leif Goude
- NMFS: Not in attendance
- CDFW: Not in attendance
- DWR: Mike Ford, Farida Islam, Nicole Kwan, Katherine Osborn, Brian Schreier
- SWRCB: Not in attendance
- Water Contractors: Tom Boardman, Jose Rangel (WWD), Heidi Williams (Valley Water), Ian Buck - Macleod (FWA), Darcy Austin (SWC)

Review Operations Outlook (USBR, DWR)

- Chances of afternoon and evening thunderstorms with below normal temperatures at the start of the week of 06/11/2023, increasing to above normal temperatures by mid-week into this weekend. Temperatures gradually trending downward beginning the week of 06/18/2023.
- Currently releasing 150 cfs from Whiskeytown Dam. An attraction pulse flow will begin on 06/15/2023 resulting in releases peaking at 500 cfs and gradually decreasing by end of June 2023.
- Currently releasing 9,000 cfs from Keswick Dam. No changes in releases anticipated.
- Nimbus Dam is currently releasing 8,000 cfs. Change orders during the week of 06/11/2023 are described below:
 - 06/14/2023: 7,000 cfs.
 - 06/15/2023: 6,500 cfs.
 - 06/16/2023: 6,000 cfs.
- Goodwin Dam is currently releasing 1,500 cfs. No changes in releases anticipated.
- The daily average flow at Freeport on 06/12/2023 was 32,300 cfs.
- The daily average flow at Vernalis on 06/12/2023 was 25,200 cfs. Flows are anticipated to decrease during the week of 06/18/2023 as a result of declining releases from upstream reservoirs.
- Jones Pumping Plant is undergoing a maintenance activity, meaning exports will be at zero cfs during business hours; exports will return to a four-unit pumping operation

targeting 3,500 cfs outside of business hours. This maintenance activity is anticipated to conclude on 06/16/2023 at which time a five-unit pumping operation will resume, targeting 4,200 cfs.

- DCC gates remain closed and are anticipated to remain closed until high flows subside.
- Currently releasing 7,000 cfs from Oroville. Expecting releases to drop to 6,000 cfs on 06/14/2023; additional reductions in releases may occur during the week of 06/11/2023 depending on inflows.
- Clifton Court is currently exporting 5,500 cfs. Herbicide application planned for the end of this month.
- See the Operations Outlook for more information.

Additional Questions or Comments

- No questions or comments.

Review PA Assessment (USBR)

Reclamation provided the PA Assessment update. For more information, please refer to the PA Assessment document.

Review ITP Risk Assessment (DWR)

DWR provided the LFS update. For more information, please refer to the ITP Risk Assessment document.

Additional Questions or Comments

- No questions or comments.

Acronyms

- CVP – Central Valley Project
- DCC – Delta Cross Channel
- DOI – Delta Outflow Index
- DWR – California Department of Water Resources
- DCI – Delta Mendota Canal – California Aqueduct Intertie
- DS – Delta Smelt
- FNU – Formazin Nephelometric Unit
- I:E – Inflow to Export
- IOP – Interim Operations Plan
- 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
- PA – Proposed Action (Federal)
- PTM – Particle Tracking Model

- SaMT – Salmon Monitoring Team
- SLS – Smelt Larval Survey
- SMT – Smelt Monitoring Team
- SWP – State Water Project
- SWRCB – State Water Resources Control Board
- TFCF – Tracy Fish Collection Facility
- TUCP – Temporary Urgency Change Petition
- TUCO – Temporary Urgency Change Order
- USBR – United States Bureau of Reclamation
- WCS – Winter Run Chinook Salmon
- WOMT – Water Operations Management Team
- WQ – Water Quality
- YOY – Young of Year