Delta Monitoring Workgroup

Meeting Record 3/23/2021

Working Group Members & Observers

Attendees	Organization
Ian Smith	USBR
Suzanne Manugian	USBR
Randi Field	USBR
Elissa Buttermore	USBR
Katherine Sun	USFWS
Jeff Stuart	NMFS
Ken Kundargi	CDFW
April Hennessy	CFDW
Felipe La Luz	CFDW
Mike Ford	DWR
Farida Islam	DWR
Lucinda Shih for Deanna Sereno	Water Contractors
Sheila Greene	Water Contractors
Chandra Chilmakuri	Water Contractors
Jennifer Buckman (ARSC)	Water Contractors

Absentees	Organization
Nick Bertrand	USBR
Liz Kiteck	USBR
Josh Israel	USBR
Rafael Lopez Gonzalez	USBR
Mario Manzo	USBR
Jana Affonso	USFWS
Kristal Davis-Fadtke	CDFW
Brett Harvey	DWR
Kevin Reece	DWR
Jeff Onstead	DWR
Matt Holland	State Board
Deanna Sereno	Water Contractors
Yuan Liu (CCWD)	Water Contractors
Frances Brewster	Water Contractors
Alison Collins	Water Contractors
Corey Phillips (MWD)	Water Contractors
Shelby Rinehart (WWD	Water Contractors
Heidi Williams (Valley Water)	Water Contractors
Shawn Acuña	Water Contractors
Scott Peterson (SLDMWA)	Water Contractors
Ian Buck-Macleod (Friant WaterAuthority)	Water Contractors

Absentees	Organization
Darcy Austin (SWC)	Water Contractors
Lenny Grimaldo (DWR)	Observer

Action Items

Additional Notes on Discussion Items

- Introduction
- Review Fish and Water Operation Outlook
    - Dry trend in the coming week
    - Clear Creek—maintaining at 225 cfs.
    - Sacramento—maintaining at 3,500 cfs.
    - American—range of releases reflect possible adjustments for X2 requirements.
    - Stanislaus—downstream from Goodwin, releasing 300 cfs, up from 200. Range due to D1641 water quality.
    - Delta— Higher delta outflow this week, in the 13,000 cfs range. Largely attributable to in-Delta accretions. Keeping exports low to meet future X2 requirements by water quality, instead of outflow.
    - DCC gates construction is ongoing.
- 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 to elevate to WOMT.
        - Salmonids moving past Chipps Island.
        - Estimating WR have exited the Delta.
        - Likely to see salmonids at collection facility; been several hatchery releases.
        - OMRs expected to be more positive than triggers.
    - SMT
        - Similar to last week. No non-consensus issues. No Delta Smelt salvage.
        - SMT discussed the wind event – may affect OBI turbidity.
        - Updated sampling -- No abundance estimate as EDSM caught no Delta Smelt. EDSM not on water today due to Covid. Only two crews sampling the remainder of the week due to Covid
    - ITP Assessment
        - DS – no discrepancy between the ITP and PA assessments.
        - LFS – With projected operations resulting in an OMR index less negative than our recommendation last week, the recommendation was not continued.
        - No LFS detected at station 716, so no trigger for Barker Slough operations.

        - Included catch tables for SLS but all data not available yet. Did not request any new PTM runs.
- Provide information in DMW notes for consideration by DWR and Reclamation.
    - No new information provided.
    - Discussion of Action Item from 3/16/21 meeting:
        - Clarified and confirmed request for inclusion of salvage predictor tool in PA assessment document.
        - Agreed to include screenshot in subsequent assessments.
        - Noted the temporal mismatch between weekly results (updated Wednesdays) and the timing of the assessment development on Monday and DMW meeting on Tuesdays.

Acronyms

- DCC – Delta Cross Channel
- DWR – California Department of Water Resources
- 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
- SKT – Spring Kodiak Trawl
- SMT – Smelt Monitoring Team
- SWRCB – State Water Resources Control Board
- TFCF – Tracy Fish Collection Facility
- WCS – Winter Run Chinook Salmon
- WQ – Water Quality