

# Delta Monitoring Workgroup

Meeting Record 04/06/2021

## Working Group Members & Observers

<b>Attendees</b>	<b>Organization</b>
Ian Smith	USBR
Nick Bertrand	USBR
Josh Israel	USBR
Suzanne Manugian	USBR
Randi Field	USBR
Elissa Buttermore	USBR
Katherine Sun	USFWS
Ken Kundargi	CDFW
April Hennessy	CFDW
Felipe La Luz	CFDW
Mike Ford	DWR
Kevin Reece	DWR
Jeff Onstead	DWR
Sheila Greene	Water Contractors
Yuan Liu (CCWD)	Water Contractors
Heidi Williams (Valley Water)	Water Contractors
Shawn Acuña	Water Contractors
Chandra Chilmakuri	Water Contractors
Ian Buck-Macleod (Friant Water Authority)	Water Contractors
Darcy Austin (SWC)	Water Contractors

<b>Absentees</b>	<b>Organization</b>
Liz Kiteck	USBR
Rafael Lopez Gonzalez	USBR
Mario Manzo	USBR
Jana Affonso	USFWS
Jeff Stuart	NMFS
Kristal Davis-Fadtke	CDFW
Brett Harvey	DWR
Farida Islam	DWR
Matt Holland	State Board
Deanna Sereno	Water Contractors
Frances Brewster	Water Contractors
Alison Collins	Water Contractors
Corey Phillips (MWD)	Water Contractors
Shelby Rinehart (WWD)	Water Contractors

<b>Absentees</b>	<b>Organization</b>
Scott Peterson (SLDMWA)	Water Contractors
Jennifer Buckman (ARSC)	Water Contractors
Lenny Grimaldo (DWR)	Observers

## Action Items

1. None

## Additional Notes on Discussion Items

- Introduction
  - Review Fish and Water Operation Outlook
  - Continued persistent dry, warming conditions.
  - Clear Creek releases holding, Shasta and Folsom releases increasing later this week, Stanislaus releases variable for spring pulse flow.
  - Objective is to maintain Delta water quality conditions with increasing depletions on San Joaquin and Sacramento rivers.
  - DCC closed.
  - Question: When will San Joaquin River pulse flow start?
    - Response: Anticipated to start around April 14.
- Review PA Assessment and ITP Assessment from Smelt Monitoring Team (SMT) and Salmon Monitoring Team (SaMT)
- Reviewed executive summary from PA assessment.
  - SaMT
    - No additional loss last week associated operations last week, but SMT expects loss to increase.
    - No thresholds are likely to be triggered in next week although fish remain in the Delta this week.
    - CalFish acoustic telemetry website has more groups being released in April and May; expect salvage and loss from this release.
  - SMT
    - No Delta smelt observed.
    - The likelihood of Delta Smelt adult entrainment is slightly lower relative to the previous seven days due seasonal timing. The likelihood of larval entrainment is slightly higher than the previous seven days due to seasonal timing. No larval Delta Smelt have been detected.
  - ITP Assessment –
    - LFS – OMR range in assessment is more positive than most protective level SMT can recommend to DFW.
    - 8.1.2 no restrictions in place since no smelt detected in region.
    - No new PTM runs given stable hydrology.
    - Question: what size are the salvage larvae?
    - Response: Greater than 20mm.
    - Question: Was there any discussion of proportional loss relative to overall abundance at the SMT?

- Response: SMT does not discuss proportional loss. Focuses on minimizing take in South and Central Delta and Barker Slough.
- Provide information in DMW notes for consideration by DWR and Reclamation.
  - Double check on consistency of OMR values in this week's documents.

*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  
SMT – Smelt Monitoring Team  
SWRCB – State Water Resources Control Board  
TFCF – Tracy Fish Collection Facility  
WCS – Winter Run Chinook Salmon  
WQ – Water Quality