

Summary of DAT Conference Call 3/11/2008

Participants

JSpeegle(FWS), JWhite(DFG), AChu(DWR), BFujimura(DFG), EGleason(DFG), DAbellon(DWR), NHindman(FWS), BOppenheim(NMFS), FFeyrer(DWR), TBoardman (SLDMWA), LBartoo (FWS), THinojosa (DWR), JSnow (WWD), RShahcheraghi(DWR), BPoytress(FWS), Shih (CCWD)

Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Conference Call Tuesday, 3/18/2008, 9:00 am - 11:00 am. 916/657-4111.

Chinook Monitoring

Chinook Monitoring

For the period 3/3 to 3/9: Estimated passage of Chinook salmon fry at Red Bluff Diversion Dam has decreased from 25,000 to 9,000 per day, with an average of about 14,000 per day. There were was an estimated passage of 80 winter run sized fish.

FWS posts biweekly reports on the Bay-Delta and Tributaries Project website, at http://baydelta.ca.gov/Php/Special_Reports/red_bluff.php.

Mill Creek: 401 Chinook salmon fry in the fall and spring run size range were collected during the reporting period, which is a slight increase from the previous week. 5 steelhead were also collected, which is lower than the previous week.

Deer Creek: Sampling stopped on March 8th because there was insufficient flow to turn the trap. Catch to that point was 151 fry, which was lower than the 445 from the pervious week.

Butte Creek: No report.

GCID: No report.

Knights Landing: 2 traps are still operating. 9-45 fry were collected per day with a weekly total of 286. 1 clipped chinook salmon and one clipped steelhead were collected.

Delta Monitoring

Dat Call for Delta Monitoring: 03/02/2008 - 03/08/2008

Sac KDTR, 3 days, 30 samples, 3 CHNF, 1 CHNW & 1 RBTC Mossdale KDTR, 3 days, 30 samples, 1 RBTC & no other species of concern Benicia MWTR, 3 days, 29 samples, 1 CHNW, 1 RBT, 2 RBTC, 3 SPLT, 1 LFS

LS Seine, 1 day, 4 samples, 17 CHNF, 2 CHNS & 1 CHNW Sac Seine, 1 day, 4 samples, 134 CHNF & 3 CHNS ND Seine, 1 day, 3 samples, 7 CHNF, 1 CHNS & 1 RBTC CD Seine, 1 day, 7 samples, 102 CHNF, 15 CHNS, & 4 CHNT SD Seine, 1 day, 8 samples, 6 CHNF, 1 CHNW & 1 CHNT SJ Seine, 1 day, 9 samples, No species of concern Bay Seine, 1 day, 5 samples, No species of concern

Delta Smelt Monitoring

Spring Kodiak Trawl: DFG will begin Survey 3 on March 10th. The data for the first two surveys are posted on the DFG-Bay Delta website, <http://www.delta.dfg.ca.gov/data/skt/>.

20mm Survey: The 20mm Survey began Monday, March 3rd. This first supplemental survey sampled one tow plus the CB net at 31 stations. Samples will not be collected in San Pablo Bay, Napa River, or Montezuma Slough. 24 of 31 samples have been processed. No delta smelt were collected. 138 longfin smelt were collected. They were broadly distributed from the Suisun-Honker Bay area up into the Sacramento River from Station 716 to Station 418. Size ranged from 6-23mm.

Judge Wanger's Order: One spent female delta smelt was salvaged at CVP on February 17th triggering the Larval & Juvenile Delta smelt protection action (1.B.4.a). Under Action 1.B.4.a the Projects are required to achieve an average net upstream flow of Old and Middle Rivers (OMR) between 750 to 5,000cfs until the entrainment risk has abated or June 20th, whichever occurs first. FWS will make recommendations to WOMET regarding the OMR flow objective during this period. In addition, the new larval and juvenile delta smelt monitoring was triggered (Action 1.B.2.b). CVP began monitoring for larval delta smelt 2/18.

DSWG – The DSWG met 3/10/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMET on 3/11/08

Salvage Facilities

Reporting Period: 03/03/2008 to 03/09/2008

Chinook salmon:

Winter-run sized salmon continued to be salvaged at the CVP and SWP fish facilities.

The daily salvage and loss of winter-run sized adipose clipped salmon appear to be lower than not clipped salmon during this period at both facilities.

For this reporting period, loss of winter-run clipped was 22 at the CVP and 79 at the SWP. For this reporting period, loss of winter-run unclipped was 34 at the CVP and 112 at the SWP. Season total loss for unclipped W-R is 224 at the CVP and 668 at the SWP.

A few fall-run sized unclipped salmon were salvaged at the CVP and SWP during this period. No late fall-run sized unclipped salmon were salvaged at the SWP or CVP.

A few spring-run sized clipped salmon were salvaged at the CVP; 8 at a loss of 6. No spring-run sized clipped or unclipped salmon were salvaged at the SWP.

Season total loss for all races for both facilities is 5611 ad clipped and 1073 nonclipped salmon

Steelhead:

Compared to last reporting period, the weekly numbers of salvaged clipped steelhead are lower (62 vs. 344) at the CVP as well as the SWP (78 vs. 274).

For the period of reporting, at the CVP, the salvage total of unclipped steelhead is 7. For the period of reporting, at the SWP, the salvage total unclipped steelhead is 12.

Seasonal total salvage for CVP is 1523 clipped and 198 nonclipped steelhead
Seasonal total salvage for SWP is 1173 clipped and 517 nonclipped steelhead

Delta smelt:

Both CVP and SWP reported salvaging delta smelt during this period
For this reporting period, the total salvage at CVP was 40 and the total salvage at the SWP was 16. Seasonal salvage totals are 238 for CVP and 90 for SWP

Longfin smelt:

A small number of adult LFS were salvaged at CVP only during this reporting period. (4)

Splittail:

Total splittail salvage increased at both facilities compared to the previous reporting period.

For this reporting period, salvage totals for splittail were 68 for CVP and 366 for SWP
Total seasonal salvage for both facilities was 3975.

No white or green sturgeons were salvaged for this reporting period at either facility.

Prejuvenile LFS were collected at CVP on 3/6 and SWP on 3/8: 18 to 23 mm

Operations

SWP -

CCFB – 2,000cfs.

Oroville – 1,050cfs

X2 - ~ 70 km

E/I - 14-day ~17%

San Luis - SWP share of San Luis capacity is 914 taf.

CVP -

Jones PP – 1,900cfs.

DCC - closed.

Trinity - 300cfs

Clear Creek - 200cfs

Keswick – 3,250cfs.

Nimbus – 1,000cfs

Goodwin –400cfs, will increase to 600 on March 12th to meet the Vernalis objective..

San Luis - CVP share of capacity is 854 taf.

Flows

Sacramento River at Freeport ~ 14,577cfs

Fremont Weir ~ 0

San Joaquin River at Vernalis ~ 2,000cfs

Delta Outflow ~ 12,115cfs. 3-day average is 11,926cfs.

Old & Middle River flow ~ 7-day average is -2,078cfs as of March 8th (provisional estimate is -2,816cfs).

Temperature – (daily average – 3/10/08)

Antioch ~ 13.3C

Rio Vista ~ 13.0C

Mossdale ~ 16.1C

3-Station Average ~ 14.2C

Delta Water Quality

Since December 28, the Delta is in excess conditions due to OMR fish action objective. Delta water quality is okay and salinity levels remain below concern levels except south delta.

March Water Quality Standards –

Chippis Island X2 standard – The standard must be met for the full 31 days by a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64 or 3-day outflow of 11,400cfs.

Delta Cross Channel – The gates must be closed from February 1st to May 20th for the protection of winter-run Chinook.

Contra Costa Canal – Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L for 165 days per year.

South Delta – 30-day average EC \leq 1.0.

Suisun Marsh - \leq 8.0mS/cm.

Final copies of the DAT notes are now available on the CALFED Operations website at <http://wwwoco.water.ca.gov/calfedops/datsummaries.html>