

Summary of DAT Conference Call 3/18/2008

Participants

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

Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Conference Call Tuesday, 3/25/2008, 9:00 am - 11:00 am. (916) 657-4111.

Chinook Monitoring

For the period 3/10 to 3/16: Estimated passage of Chinook salmon fry at Red Bluff Diversion Dam has decreased from the previous week. The average has been 5,400 per day, with a range of 5,00 to 7,200 per day. Approximately 7 fish per day have been in the winter run size range. Temperature is 11 degrees C and flows are 5,500 cfs.

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: Total catch of fall run sized fry for the week was 1,709, which was about 4x higher than the previous week. Catch peaked midweek with a flow event that jumped up to 330 cfs. 5 steelhead were also collected.

Deer Creek: Sampling resumed on the 12th when flows were sufficient to turn the trap. For the period of the 13th-16th, 619 fry, 3 yearlings, and 3 steelhead were collected.

Butte Creek: No report.

GCID: No report.

Knights Landing: Catch continued to decline compared to previous weeks. 133 unclipped fall run fish were collected.

Delta Monitoring

Delta Monitoring, 03/09/2008 - 03/15/2008

Sac KDTR, 3 days, 30 samples, 2 CHNF & no other species of concern Moss KDTR, 3 days, 30 samples, No species of concern Chipps MWTR, 2 days, 20 samples, 5 CHNW, 2 CHNT, 1 RBTC, 2 SPLT, 16 LFS, 2 DSM

LS Seine, 1 day, 3 samples, 31 CHNF & no other species of concern Sac Seine, 1 day, 3 samples, 25 CHNF & no other species of concern ND Seine, 1 day, 5 samples, 60 CHNF & 7 CHNT CD Seine, 1 day, 7 samples, 48 CHNF & 4 CHNS SD Seine, 1 day, 1 sample, No species of concern SJ Seine, 1 day, 9 samples, No species of concern Bay Seine, 1 day, 3 samples, No species of concern

Delta Smelt Monitoring

Spring Kodiak Trawl: Survey 3 was conducted 3/10 to 3/14. 64 delta smelt were collected. Average size was 69mm, with a range of 60-86. 77% were females, 22% males, and 1% undetermined. 50 of these fish were collected at station 719 in the Sacramento Deep Water Shipping Channel. Delta smelt were also collected at stations 812 and 815 on the San Joaquin River. Other stations included 716, 715, 707, 704, 519, 606, and 609. Most of the males were stage 4 while the females were mostly stage 3. 7 spent females were collected. 3 longfin smelt were collected; 1 each at stations 706, 508, and 602.

20mm Survey: The 20mm Supplemental Survey was conducted 3/3 to 3/7. This first supplemental survey sampled one tow plus the CB net at 31 stations. Samples were not be collected in San Pablo Bay, Napa River, or Montezuma Slough. No delta smelt were collected. 471 longfin smelt were collected. They were broadly distributed from the Suisun-Honker Bay area up into the Sacramento River from Station 716 to Station 405. Size ranged from 5-23mm, with an average of 13mm.

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 3/17/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMET on 3/18/08

Salvage Facilities

Reporting Period: 03/10/2008 to 03/16/2008

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 18 at the CVP and 26 at the SWP.

For this reporting period, loss of winter-run unclipped was 80 at the CVP and 88 at the SWP.

Season total loss for unclipped W-R is 301 at the CVP and 756 at the SWP.

No fall-run sized unclipped salmon were salvaged at the CVP or 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 (4) and unclipped salmon (13) were salvaged at the CVP.

No spring-run sized clipped or unclipped salmon were salvaged at the SWP.

Season total loss for all races for both facilities is 5659 ad clipped and 1253 nonclipped salmon

Steelhead:

Compared to last reporting period, the daily numbers of salvaged steelhead are lower (45 vs. 69) at the CVP as well as the SWP (14 vs. 90).

For the period of reporting, at the CVP, the salvage total of clipped steelhead is 16 and for nonclipped is 29.

For the period of reporting, at the SWP, the salvage total clipped steelhead is 2 for nonclipped is 12.

Seasonal total salvage for CVP is 1499 clipped and 227 nonclipped steelhead

Seasonal total salvage for SWP is 1175 clipped and 529 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 11 and the total salvage at the SWP was 8.

Seasonal salvage totals are 244 for CVP and 98 for SWP

Longfin smelt:

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

Splittail:

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

For this reporting period, salvage totals for splittail were 20 for CVP and 49 for SWP
Total seasonal salvage for both facilities was 4044.

No green sturgeon were collected at either facilities

Two white sturgeon were salvaged at the state facility.

No delta smelt or longfin smelt were collected in the larvae sampling.

Operations

SWP -

CCFB – 1,000cfs.

Oroville – 1,050cfs

X2 - ~ 68 km

E/I - 14-day ~10%

San Luis - SWP share of San Luis capacity is 921 taf.

CVP -

Jones PP – 1,000cfs.

DCC - closed.

Trinity - 300cfs

Clear Creek - 200cfs

Keswick – 3,250cfs.

Nimbus – 1,000cfs

Goodwin – bumped to 1500cfs to meet the Vernalis objective.

San Luis - CVP share of capacity is 830 taf.

Flows

Sacramento River at Freeport ~ 12,700cfs

Fremont Weir ~ 0

San Joaquin River at Vernalis ~ 1,939cfs

Delta Outflow ~ 12,200cfs. 3-day average is 12,472cfs.
Old & Middle River flow ~ 7-day average is -2,535cfs as of March 15th (provisional estimate is -1,619cfs as of March 17th).

Temperature – (daily average – 3/10/08)
Antioch ~ 13.7C
Rio Vista ~ 13.6C
Mossdale ~ 13.8C
3-Station Average ~ 13.7C

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 <= 250 mg/L. In addition, Cl <= 150 mg/L for 165 days per year.

South Delta – 30-day average EC <= 1.0.

Suisun Marsh - <= 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>