

Summary of DAT Conference Call 2/26/2008

Participants

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Conclusions and Recommendation

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 WOMT 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).

No operational changes were recommended at this time.

Next DAT Conference Call Tuesday, 3/4/2008, 9:00 am - 11:00 am. 916/657-4111.

Chinook Monitoring

Upper Sacramento River: No report.
Red Bluff Diversion Dam: No report.

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: 87 Chinook salmon fry were collected over the reporting period. Traps were not fishing 2/22 to 2/24 for the storm.

Deer Creek: DFG is not sampling at this time.

Butte Creek: Catch of Chinook salmon fry has steadily increased recently, up to a catch of 7,691 on 2/13. No older juveniles have been collected. Traps were also pulled for the weekend storm.

GCID: DFG caught fry/smolt Chinook only last week prior to the storm. The catch decreased from about 400 per day to about 20 per day throughout the week.

Knights Landing: Catch of unmarked juvenile Chinook salmon, all fall-run size, has been low and erratic with the catch per trap day ranging from 7 to 16. Three tagged Chinook salmon and two tagged steelhead were also collected

Delta Monitoring

02/17/2008 to 02/23/2008

Sacramento KDTR, 3 days, 28 samples, 10 CHNF, 3 CHNS, 1 CHNW & 2 RBTC

Mossdale KDTR, 3 days, 27 samples, No species of concern

Benicia MWTR, 3 days, 26 samples, 3 CHNT, 21 RBTC & 1 SPLT

Lower Sacramento Seine, 1 day, 3 samples, 8 CHNF, 1 CHNS & 2 RBTC

Sacramento Seine, 1 day, 5 samples, 67 CHNF, 2 CHNS, 6 CHNT & 3 RBTC

North Delta Seine, 1 day, 7 samples, 101 CHNF, 7 CHNS, 1 CHNW, 12 CHNT & 1

RBTC Central Delta Seine, 1 day, 8 samples, 83 CHNF, 1 CHNS & 4 CHNT

South Delta Seine, 1 day, 7 samples, 1 CHNF & 1 CHNT

San Joaquin Seine, 1 day, 9 samples, No species of concern

Bay Seines, 1 day, 4 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: DFG will begin the first 20mm survey on March 3rd. This first supplemental survey will sample one tow plus the CB net at 31 stations.

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 WOMT 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 2/25/08 and made a recommendation for the FWS. FWS will make their recommendation to WOMT on 2/26/08

Salvage Facilities

Chinook salmon:

Fall run Chinook salmon (NOT adipose clipped) were salvaged at the state facility for the period of reporting.

Fall run Chinook salmon (NOT adipose clipped) were salvaged at the federal facility for the period of reporting.

No late-fall run Chinook salmon were salvaged at the federal facility for the period of reporting.

No late-fall run Chinook salmon were salvaged at the state facility for the period of reporting.

Winter run Chinook salmon (NOT adipose clipped) were salvaged at the Federal and State Facilities for the period of reporting.

Winter run Chinook salmon (adipose clipped) were salvaged at the Federal and State Facilities for the period of reporting.

Spring run Chinook salmon (adipose clipped) were salvaged at the federal facility for the period of reporting.

No spring run Chinook salmon were salvaged at the state facility for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the Federal facility is 1983 adipose clipped [loss = 1378] and 196 NOT adipose clipped [loss = 140]. (See attached reports.)

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the State facility is 862 adipose clipped [loss = 3898] and 94 NOT adipose clipped [loss = 420]. (See attached reports.)

Steelhead:

Steelhead (both adipose clipped and NOT adipose clipped) were salvaged at the Federal and State facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of Steelhead at the Federal facility is 822 adipose clipped and 148 NOT adipose clipped. (See attached reports.) The seasonal (10/01/2007 to present) salvage total of Steelhead at the State facility is 539 adipose clipped and 282 NOT adipose clipped. (See attached reports.)

Delta smelt:

Delta smelt were salvaged at the State and Federal facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the Federal facility is 145.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the State facility is 44.

Longfin smelt:

Longfin smelt were salvaged only at the state facility for the period of reporting.
The seasonal (10/01/2007 to present) salvage total of longfin smelt at the Federal facility is 28.
The seasonal (10/01/2007 to present) salvage total of longfin smelt at the State facility is 30.

Splittail:

Splittail were salvaged only at the State facility for the period of reporting.
The seasonal (10/01/2007 to present) salvage total of splittail at the Federal facility is 725.
The seasonal (10/01/2007 to present) salvage total of splittail at the State facility is 2406.

Green sturgeon:

No green sturgeon were salvaged at either facility for the period of reporting.
The seasonal (10/01/2007 to present) salvage total of green sturgeon at the Federal facility is 4.

White Sturgeon:

White sturgeon were salvaged only at the state facility for the period of reporting.
The seasonal (10/01/2007 to present) salvage total of white sturgeon at the State facility is 24.

Sampling for Fish Larvae:

Sampling for smelt larvae has begun at both salvage facilities. Samples are taken once every six hours while pumping. No official data have been posted yet.

The DFG Salvage Database is available on the DFG ftp site (<ftp://ftp.delta.dfg.ca.gov/salvage/>).

Operations

SWP -

CCFB – 3,000cfs.

Oroville – 1,250cfs

X2 - ~ 68.7 km

E/I - 14-day ~27%

San Luis - ~890taf. SWP share of San Luis capacity is 1,062 taf.

CVP -

Jones PP – 2,500cfs.

DCC - closed.

Trinity - 300cfs

Clear Creek - 200cfs
Keswick – 3,250cfs.
Nimbus – 1,000cfs
Goodwin –375cfs. This will decrease to 225cfs at noon on 2/26.
San Luis - ~865taf. CVP share of capacity is 965,660 af.

Flows

Sacramento River at Freeport ~ 28,6000cfs
Fremont Weir ~ 0
San Joaquin River at Vernalis ~ 2,200cfs
Delta Outflow ~ 28,500cfs. 7-day average is 21,800cfs.
Old & Middle River flow ~ 7-day average is -4,561cfs.

Temperature – (daily average – 2/25)

Antioch ~ 10.9C
Rio Vista ~ 10.6C
Mossdale ~ 12.0C
3-Station Average ~ 11.1C

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.

March Water Quality Standards (projected as of 2/25/08) –

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>