

DAT Conference Call Summary 5/20/2008

I. Participants

JSpeegle(FWS), JWhite(DFG), AChu(DWR), FFeyrer(DWR), GAasen (DFG), DAbellon (DWR), LBartoo (FWS), NHindman (FWS), JSnow (WWD), MNobriga (CALFED Science), RShahcheraghi(DWR), TBoardman (SLDMWA), LShih(CCWD)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 5/27/2008, 9:00 am - 11:00 am, (916) 657-4111.

III. Chinook Salmon Monitoring

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: Flows have been variable and seem to be responding to weather-associated snowmelt events. Over the last 4 weeks catches have been low and ranged from 0-9 Chinook salmon fry/smolt per day. Catch increased over last 4 days and totaled 250 fry/smolts, 2 spring run yearlings, and 23 steelhead.

Deer Creek: No sampling.

Butte Creek: No sampling.

GCID: No report.

Knights Landing: Catch has been variable with no trend since April, ranging from 8 to 199 salmon per day. 152 unclipped salmon (151 fall-run size, 1 spring-run size) and 37 ad-clipped salmon were collected over the last week. 1 steelhead was collected.

IV. Delta Monitoring

For the period 05/11/08 to 05/17/08:

Sacramento MWTR, 2 days, 20 samples, 38 CHNF & 11 CHNT Mossdale KDTR, No Status, DFG Region 4 is usually two weeks behind with reports. Unable to reach them for status report Chipps Island MWTR, 2 days, 26 samples, 118 CHNF, 4 CHNS, 1 CHNE (Orange Dorsal), 27 CHNT, 1 RBT & 1 SPLT

Lower Sacramento Seine, 1 day, 5 samples, 28 SPLT & no other species of concern North Delta Seine, 1 day, 7 samples, 4 CHNF, 15 CHNT & 17 SPLT Central Delta Seine, 1 day, 8 Samples, 9 SPLT & no other species of concern South Delta Seine, 1 day, 6 Samples, No species of concern San Joaquin Seine, 1

day, 4 Samples, No species of concern Bay Seine, 1 day, 0 samples, No samples were taken due to bridge closure.

V. Delta Smelt Monitoring

Spring Kodiak Trawl: <http://www.delta.dfg.ca.gov/data/skt/>

Survey 5 was completed 5/5-5/9. 16 delta smelt were collected (stations 705, 706, 716, 719). 14 were female. 8 were spent and 6 were stage 3. The 2 males were stage 3 and 4.

Supplemental Survey 15 is currently in the field hitting a limited number of stations near the Cache/Lindsey Slough area and the export facilities. This will be the last SKT survey of the year.

20mm Survey: <http://www.delta.dfg.ca.gov/data/20mm/>

Survey 5 was completed 5/12-5/16. Only 28 stations were sampled due to boat trouble. The missing stations are mainly west of Benicia and in the Napa River. 16 stations have samples processed to date, 7 of which still have one tow that needs to be processed. Thus far 7 delta smelt have been observed at station 719, and one at stations 809, 901, 902, 906 and 914. Size range was 10-35mm with an average of 19.

6 longfin smelt have been observed so far; 3 at station 719, 2 at station 809, and 1 at station 901.

Survey 6 will start May 27th.

SWG: http://www.fws.gov/sacramento/es/delta_smelt_working_group.htm

The SWG met on May 19th.

VI. Salvage Facilities

Salvage web site: <http://www.delta.dfg.ca.gov/Data/Salvage/>

Reporting Period: 4/14/2008 to 4/20/2008

Chinook salmon:

Fall run Chinook salmon (NOT adipose clipped) were salvaged at the federal (weekly salvage =518) and state (weekly salvage =366) facilities for the period of reporting.

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

No Winter run Chinook salmon were salvaged at either facility for the period of reporting.

Spring run Chinook salmon (NOT adipose clipped) were salvaged at the federal (weekly salvage = 88) and state (weekly salvage = 82) facilities for the period of reporting.

Spring run Chinook salmon (adipose clipped) were salvaged at the state (weekly salvage = 2) 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 2121 adipose clipped [loss = 1490] and 5452 NOT adipose clipped [loss = 4500].

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the state facility is 1007 adipose clipped [loss = 4536] and 3237 NOT adipose clipped [loss = 13941].

Steelhead:

Steelhead (adipose clipped) were salvaged at the state (weekly salvage =4) facility for the period of reporting.

No steelhead (NOT adipose clipped) were salvaged at either facility for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of Steelhead at the federal facility is 1578 adipose clipped and 305 NOT adipose clipped. (See attached reports.)

The seasonal (10/01/2007 to present) salvage total of Steelhead at the state facility is 1254 adipose clipped and 651 NOT adipose clipped.

Delta smelt:

Delta smelt were salvaged at the federal (weekly salvage = 103) and state (weekly salvage = 58) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the state facility is 158.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the federal facility is 419.

No larval delta smelt was sampled at either facility for the period of reporting.

Longfin smelt:

Longfin smelt were salvaged at the federal (weekly salvage = 20) and state (weekly salvage = 760) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of longfin smelt at the state facility is 1098.

The seasonal (10/01/2007 to present) salvage total of longfin smelt at the federal facility is 345.

No larval longfin smelt was sampled at either facility for the period of reporting.

Sacramento splittail:

Sacramento splittail were salvaged at the state (weekly salvage = 30) facility for the period of reporting.

No Sacramento splittail were salvaged at the federal facility for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of splittail at the state facility is 4394.

The seasonal (10/01/2007 to present) salvage total of splittail at the federal facility is 893.

Sturgeon:

No white or green sturgeon was salvaged at the CVP or the SWP for the period of reporting.

VII. Operations

SWP Delta Ops Summary: <http://swpoco.water.ca.gov/cmplmon/reports/deltaops.html>

USBR CVO Reports: <http://www.usbr.gov/mp/cvo/>

SWP:

CCFB – 700cfs.

Oroville – 1200cfs. Will increase to 1700 today to meet post VAMP requirements.

San Luis - SWP share of San Luis capacity is 769 taf.

X2 - ~ 82.8 km

E/I - 14-day ~9.95%

CVP:

Jones PP – 800cfs

DCC - DCC is to open on Friday morning, May 23 and close on Tuesday morning, May 27 for Memorial weekend.

Trinity – 4000cfs

Clear Creek – 200cfs

Keswick – 10,000cfs

Nimbus – 1000cfs

Goodwin –1450 cfs. Expected to decrease post VAMP.

San Luis - CVP share of capacity is 475 taf.

Flows:

Sacramento River at Freeport ~ 7,600cfs

San Joaquin River at Vernalis ~ 3147cfs

Delta Outflow ~ 8,148cfs. 3-day average is 8,100cfs.

Old & Middle River flow ~ 7-day average is -282 cfs as of May 16th
(provisional estimate is -559cfs as of May 19th).

Temperature:

Daily average for 5/19/08

Antioch ~ 20.9C

Rio Vista ~ 21.6C

Mossdale ~ 22.6C

3-Station Average ~ 21.7C

VIII. Delta Water Quality

Chipps Island X2 standard:

The standard for May requires 1 day at Chipps Island by either a maximum daily EC of 2.64, a maximum 14-day running average EC of 2.64, or a 3-day average outflow of 11,400cfs.

E/I:

35%

Delta Cross Channel:

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

Contra Costa Canal:

Cl \leq 250 mg/L. In addition, Cl \leq 150 mg/L are projected to be required for 155 days per critical year type. To date, 116 days already been met.

Suisun Marsh:

Western Marsh Monthly Average \leq 12.5 mS/cm.

Eastern Marsh Monthly Average \leq 11.0 mS/cm.

South Delta:

30-day average EC \leq 0.7 mS/cm.

West Delta Salinity:

Emmaton, Jersey Point, Terminous, San Andreas: 14-day average EC \leq 0.45 mS/cm

San Joaquin Salinity:

14-day average EC \leq 0.44 mS/cm

VAMP:

Scheduled to end on May 22.

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