

DAT Conference Call Summary 6/17/2008

I. Participants

FFeyrer (DWR), GAasen (DFG), LShih (CCWD), AGleason (DFG), LBartoo (FWS), NHindman (FWS), SBrewer (FWS), AChu (DWR), MFord (DWR), RShahcheraghi(DWR), TWashburn (USBR), BOppenheim(NMFS)

II. Conclusions and Recommendation

No operational changes were recommended at this time.

Next DAT Call: Tuesday, 6/24/2008, 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: Sampling was discontinued on June 13th after 8 days with no salmon or steelhead captured.

Deer Creek: No sampling.

Butte Creek: No sampling.

GCID: No report.

Knights Landing: Over the last week there were no Chinook salmon or steelhead collected.

IV. Delta Monitoring

For the period 06/08/08 - 06/14/08

Sacramento MWTR, 2 days, 17 samples, 4 CHNF & 1 CHNT, Chipps Island MWTR, 3 days, 39 samples, 21 CHNF, 3 CHNT & 1DSM (81 mm)

Lower Sacramento Seine, 1 day, 4 samples, 4 SPLT & no other species of concern, North Delta Seine, 1 day, 8 samples, 29 SPLT & no other species of concern, Central Delta Seine, 1 day, 9 samples, 10 SPLT, South Delta Seine, 1 day, 7 samples, 5 SPLT & no other species of concern, San Joaquin Seine, 1 day, 2 samples, no other species of concern, Bay Seine, 1 day, 1 samples, No species of concern

V. Delta Smelt Monitoring

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

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

Survey 7 was completed June 9th – 13th

46 stations (all but station 919) were sampled and 1 tow from 28 stations has been processed. 84 delta smelt have been seen at 9 stations. Of those, 59 were found in 1 tow at station 704. Size range was 12 to 83, with an average of 32.

21 longfin smelt have been seen at 4 stations (508, 513, 520 & 704).

Two more Survey will be completed this year. Survey 8 will take place the week of June 23rd and Survey 9 will take place the week of July 7th.

Summer Towntet: <http://www.delta.dfg.ca.gov/data/towntet/>

Summer towntet distribution data are now available on the DFG website listed above.

Survey 1 was completed the week of May 2nd. 22 delta smelt from 6 stations (809, 704, 707, 513, 508 & 520). Size range was 22-45mm.

349 longfin smelt collected from 7 stations (704, 706, 804, 801, 513, 508 & 520).

Survey 2 is currently in the field.

There will be 6 Summer Towntet Surveys completed this year through August.

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

The SWG met on June 16th.

VI. Salvage Facilities

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

For the period of June 9-15:

Chinook Salmon:

Fall run Chinook salmon (NOT adipose clipped) were salvaged at the federal (weekly salvage = 4) facility for the period of reporting.

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

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

No spring 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.

The seasonal (10/01/2007 to present) salvage total of all races of Chinook salmon at the federal facility is 2125 adipose clipped [loss = 1494] and 6708 NOT adipose clipped [loss = 5548]. (See attached reports.)

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 3919 NOT adipose clipped [loss = 17151]. (See attached reports.)

Steelhead:

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

Steelhead (NOT adipose clipped) were salvaged at the state facility (weekly salvage = 2) 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 309 NOT adipose clipped. (See attached reports).

The seasonal (10/01/2007 to present) salvage total of Steelhead at the state facility is 1262 adipose clipped and 671 NOT adipose clipped. (See attached reports).

Delta smelt:

Delta smelt were salvaged at the federal (weekly salvage = 90) and state (weekly salvage = 171) facilities for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of delta smelt at the state facility is 937. (See attached reports).

The seasonal (10/01/2007 to present) salvage total of delta smelt at the federal facility is 981. (See attached reports).

No delta smelt were found in larval fish samples at either facility.

Sampling for smelt larvae was terminated at both facilities on June 15th.

Longfin smelt:

Longfin smelt were salvaged at the state (weekly salvage = 2) facility for the period of reporting.

No longfin smelt were salvaged at the federal facility for the period of reporting.

The seasonal (10/01/2007 to present) salvage total of longfin smelt at the state facility is 1112. (See attached reports).

The seasonal (10/01/2007 to present) salvage total of longfin smelt at the federal facility is 369. (See attached reports).

No longfin smelt were found in larval fish samples at either facility.

Splittail:

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

The seasonal (10/01/2007 to present) salvage total of splittail at the state facility is 4857. (See attached reports).

The seasonal (10/01/2007 to present) salvage total of splittail at the federal facility is 1189. (See attached reports).

Sturgeon:

No green or white sturgeons were salvaged at the CVP or the SWP for the period of reporting. The seasonal (10/01/2007 to present) salvage total of green sturgeon at the federal facility is 8. The seasonal (10/01/2007 to present) salvage total of white sturgeon at the state facility is 38.

VII. Operations

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

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

SWP:

CCFB – 1000cfs.

Oroville – 3,000cfs.

San Luis - SWP share of San Luis capacity is 634 taf.

X2 - ~ 85.2 km

E/I - 14-day ~12%

CVP:

Jones PP – 800cfs

DCC – The DCC gates will remain open until February 1st except for the 45-days of optional closures between November 1 and January 31.

Trinity – 2,000cfs

Clear Creek – 200cfs

Keswick – 12,500cfs, may increase another 500cfs over the next couple of days

Nimbus – 4,000cfs

Goodwin – 400cfs

San Luis - CVP share of capacity is 258 taf.

Flows:

Sacramento River at Freeport ~ 10,829cfs

San Joaquin River at Vernalis ~ 1,478cfs

Delta Outflow ~ 7,655cfs. 3-day average is 7,748cfs.

Old & Middle River flow ~ USGS 7-day average is -1,058 cfs as of June 14th (DWR provisional estimate is -1,111cfs as of June 16th).

Temperature:

Daily average for 6/16/08

Antioch ~ 20.2C

Rio Vista ~ 20.8C

Mossdale ~ 24.3C

3-Station Average ~ 22.8C

Temporary Barriers:

http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm

Status as of June 13, 2008

Head of Old River (HOR) Barrier:

The spring HOR barrier work will not be installed this year due to a court decision by US District Court Judge Wanger that prohibited the installation of the spring barrier to increase protections for delta smelt. This is an interim decision that effects the 2008 season only. The fall HORB is not effected.

Agricultural Barriers (Old River near Tracy [ORT], Middle River [MR], Grant Line Canal [GLC]):

Work began May 12 at the DMC barrier with closure being completed on Wednesday, June 4. The Middle River barrier construction began on May 20 and was completed May 21. Crews began construction of the Grant Line Canal north abutment (boat ramp) on May 19. Partial closure (completion of the boat ramp) was completed on Monday, June 2. Full closure of the GLC barrier will be determined afterwards depending on water levels and delta smelt issues. Flap gates on the MR and GLC barriers remain tied open. However, this week we were informed that the ORT barrier flap gates have not been fully open since the barrier was closed June 4. The installation contractor was unable to install the culvert catwalks that allow the flap gates to be raised and tied in the open position. This was due to higher than expected water levels and tides last week that covered the mounting sockets located on the culvert frames. The contractor will have to use divers to guide the placement of the catwalks, but because of the complexity in coordinating diving operations to ensure safety, the work won't be done until Tuesday, June 17th. In the meantime, the barrier was notched on Wednesday, June 11th to allow two-way flow similar to what would be provided by the culverts being tided open. The flap gates may be untied (operating normally) if necessary to protect south Delta water levels but only with fishery agencies approval. Currently fishery requirements dictate that the gates will remain tied open until at least June 17.

Modeling:

Modeling was begun this week but was not received in time for today's update. Modeling results will be again sent out in a separate emailing early next week. A look at CDEC data for this week shows water levels were lower this week at the three sites monitored above the barriers, due partially to the lower strength tides and the notching of the ORT barrier.

Notes:

Fishery agencies and DWR will be closely monitoring conditions for Delta smelt which might effect operations of the barriers during May/June. Changes in flap-gate operations on the culverts, delaying filling of the GLC center section, removal of the barriers, and changes to SWP/CVP export operations are all possible actions that could be taken to protect smelt if necessary.

These weekly updates are also available for your information on our website:
http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm

VIII. Delta Water Quality

X2 standard:

The standard for June projects to require 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. In addition, the same standard at Collinsville is required for all the days in June 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 7,100cfs.

E/I:

35%

Delta Cross Channel:

Can be closed up to 14 days until June 15th. The gates will remain closed through June 15th, except that they will be opened on the weekends.

Contra Costa Canal:

Cl <= 250 mg/L. In addition, Cl <= 150 mg/L are projected to be required for 155 days per critical year type. To date, 144 days already been met.

South Delta salinity:

30-day average EC <= 0.7 mS/cm.

The Old River near Tracy Bridge station exceeded the requirement on June 16th.

West Delta salinity:

14-day average EC @ Emmaton < 2.78 mS/cm, Jersey Point < 2.20 mS/cm

Vernalis flows:

Base minimum monthly average > 710cfs

7-day average > 568cfs

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