Summary of DAT Conference Call 7/17/2007

Participants: EChappell (DWR), JSpeegle(FWS), RGartz(DFG), THinojosa(DWR), EGleason(DFG), FFeyrer(DWR), KCrosby(BR), JAdib-Samii(DFG)

Conclusions and Recommendations
There were no new operational recommendations today.

20mm Survey Update – DFG has completed the final survey, Survey 9 but is still processing samples. DFG caught 38 delta smelt of which 19 were caught at Chipps Island, 7 near the confluence, and the rest in the lower Sacramento River. To date, the season total is approximately 136 larval delta smelt. The results from the 20mm surveys are posted at http://www.delta.dfg.ca.gov/data/20mm/.

This was the final DAT call of the season. The weekly conference calls will resume on October 2, 2007.

Delta Smelt Monitoring

Summer Tow Net Survey Update – DFG completed Survey 3 last week. DFG caught 22 delta smelt of which 1 was caught near Benicia and 2 in Grizzly Bay; otherwise the distribution was similar to the 20mm survey. So far, the season total is 44. The results from the Summer Tow Net surveys are posted at http://www.delta.dfg.ca.gov/data/townet/.

20mm Survey Update – DFG has completed the final survey, Survey 9 but is still processing samples. DFG caught 38 delta smelt of which 19 were caught at Chipps Island, 7 near the confluence, and the rest in the lower Sacramento River. To date, the season total is approximately 136 larval delta smelt. The results from the 20mm surveys are posted at http://www.delta.dfg.ca.gov/data/20mm/.

DSWG Update – The DSWG did not meet this week.

Chinook Monitoring

Upper Sacramento River Summary – In the last two weeks the catch of fall-run Chinook at RBDD has dropped to approximately 36,000 per day. FWS also caught late-fall Chinook and steelhead. Chinook were caught in low numbers in the GCID rotary screw trap last week.

Delta Monitoring Summary - Sampling is still suspended at Chipps Island to protect delta smelt. A few Chinook were caught in the Sacramento River trawl and in the Lower Sacramento River beach seine. No steelhead or delta smelt were caught in the last week.

Salvage Facilities –

Summary – Delta smelt and longfin smelt were salvaged in low numbers at SWP in the last week. No steelhead or Chinook were salvaged.

Chinook – None.

Steelhead – None.

Delta smelt – SWP salvaged 30 delta smelt for a season total of 2,327.

Splittail – SWP salvaged 132 splittail for a season total of 502. CVP salvaged 48 splittail for a season total of 684. The salvage of splittail is much lower than last year.

Longfin smelt – SWP salvaged 9 longfin smelt for a season total of 66.

Sturgeon – CVP observed one white sturgeon (473mm) with an expanded salvage of 12 for a season total of 73.

The DFG Salvage Database can be accessed at this ftp site: ftp://ftp.delta.dfg.ca.gov/salvage/.

Turbidity data for Clifton Court forebay is available at: http://cdec2.water.ca.gov/cgi-progs/queryFx?CLC.

Agricultural Barriers

HORB – The barrier has been completely removed.

Ag barriers –The Grantline and Middle River barriers are operating tidally. DWR tied open the flap gates on Old River barrier to improve circulation and water quality. DWR will continue to monitor upstream water levels.

The weekly updates on barrier operations are now available at: http://baydeltaoffice.water.ca.gov/sdb/tbp/index_tbp.cfm.

Operations

SWP -

CCFB – 7,180 cfs.
Oroville – 6,000 cfs. Releases will drop to 5,500cfs tomorrow, 7/18.
E/I - 3-day = 52.6%.
San Luis - ~323 taf. SWP share of San Luis capacity is 1,062 taf.
EWA - The current debt for SWP is approximately 320 to 330taf. The current debt in San Luis for CVP is approximately 90 to 100taf.

CVP -

Tracy PP – 4,400 cfs.
DCC – Open.
Trinity – 450 cfs.
Clear Creek – 150 cfs.
Keswick – 15,000 cfs.
Nimbus – 4,000 cfs.
Goodwin – 400 cfs. Release will drop to 375cfs tomorrow, 7/18.
San Luis – 97 taf. CVP share of San Luis capacity is 966 taf.

Flows

Sacramento River at Freeport ~ 19,500 cfs.
Fremont Weir ~ 0.
San Joaquin River at Vernalis ~ 1,100 cfs.
Delta Outflow ~ 5,197 cfs. The 7-day average is 5,199 cfs.

Delta Water Quality

Water quality is okay except in the south Delta.

July Water Quality Standards

Delta Outflow – monthly average >= 5,000cfs and 7-day average >= 4,000cfs.

E/I Ratio – <= 65%.

Contra Costa Canal – Cl <= 250 mg/L. In addition, Cl <= 150 mg/L for 165 days per year. This portion of the standard has been met for the year.

Western Delta – EC at Emmaton must be less than or equal to 1.67 and at Jersey Point it must be less than or equal to 1.35. The San Andreas station is 0.58. The objective at Mokelumne River at Terminous remains 0.45 EC or less through August 15.

South Delta – 30-day average EC <= 0.7 until the end of August.

Erin Chappell
Environmental Scientist
DWR-DES
901 P Street, P.O. Box 942836
Sacramento, CA 95814-6424
Phone (916) 651-0169
Fax (916) 651-9563