

Draft DAT notes for June 14, 2012

Attendees: Angela Llaban, Edmund Yu, Wenli Yin, Andy Chu and Norman Lee (DWR), Geir Aasen and Lauren Damon (CDFG), Barb Byrne (NMFS), RG Fernando and Owen Lu (MWD) and Leigh Bartoo and Craig Anderson (FWS)

Salmonid Monitoring

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
Date		6/6/12-6/11/12	6/7/12-6/11/12
CHNF		2	1
CHNLF			
CHNW			
CHNS			
CHN hatchery			
SH wild			
SH hatchery			
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead			

A summary of salmonid monitoring data can be found at <http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>.

Delta Monitoring

Trawl and Seine Report for 6/3/12 to 6/9/12				
Species*	Beach Seines	Mossdale KDTR**	Sacramento KDTR	Chippis Is MWTR
CHNF	2	30	5	39
CHNLF				
CHNW				
CHNS				
CHN hatchery				3
SH wild				
SH hatchery				
DSM				2 (no expression)
LFS				2
SPLT	244	14		4
*Chinook race based on length; CHNF=Fall run, CHNLF=Late-fall run, CHNW=Winter run, CHNS=Spring run, SH = Steelhead, DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail				

One acoustic tagged Chinook was caught at Chippis Island.

** From April through June, Mossdale trawls are being conducted by DFG (Region 4) and not by FWS. Therefore, FWS will not be reporting Mossdale trawl data during this period.

Salvage

Salmonids - Salvage report for 6/4/12 to 6/10/12								
Species	CVP				SWP			
	Adipose Clip Hatchery		Non-Adipose Clip Wild		Adipose Clip Hatchery		Non-Adipose Clip Wild	
	Salvage	Loss	Salvage	Loss	Salvage	Loss	Salvage	Loss
CHNF			130	90			33	154
Total to Date	40	26	448	312	20	91	424	1,893
CHNLF								
Total to Date	25	20	20	14				
CHNW								
Total to Date	227	175	453	377	233	1,035	388	1,702
CHNS			4	3				
Total to Date	96	63	618	495	46	226	445	1,900
SH	4	3						
Total to Date	401	272	89	61	196	849	243	1,052
Chinook race based on length; Adipose fin clips indicates hatchery stock; Non-adipose clip indicates natural origin. SWP steelhead loss = salvage x 4.33, CVP steelhead loss = salvage x 0.68.								

Smelts and Others – Salvage report for 6/4/12 to 6/10/12				
Species	CVP		SWP	
	Salvage	Total to Date	Salvage	Total to Date
DSM*	8	327	18	1,909
LFS**		898		2,842
SPLT		248		3,884
GST				
WST		64		
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

Since June 10, a few wild fall-run Chinook and Delta smelt (more larvae than adults) were salvaged at both state and federal facilities.

On June 13, one white sturgeon was salvaged at the state facility (salvage = 12).

*Larval delta smelt < 20 mm FL were reported in larval fish samples from 6/4/2012 to 6/10/2012 at the federal facility and from 2100 hours on 5/31/2012 to 0300 hours on 6/7/2012 at the state facility.

**No larval longfin smelt < 20 mm FL were reported in larval fish samples from 6/4/2012 to 6/10/2012 at the federal facility and from 2100 hours on 5/31/2012 to 0300 hours on 6/7/2012 at the state facility.

Salvage information is posted at <ftp://ftp.dfg.ca.gov/salvage/> (you can also try <http://www.dfg.ca.gov/delta/apps/salvage/Default.aspx> and click on “salvage FTP site”). Chinook salmon, steelhead, and sturgeon salvage data are located in the tables under the folder “DOSS salvage tables.” Smelt salvage data are located under the folder “Daily Smelt Summary.”

Smelt Monitoring

The 20 mm Survey 7 was in the field from June 4 to June 7. Data processing is on-going. 75 out of 141 samples have been processed to date. A total of 173 Delta smelt (8-33 mm, both larvae and juveniles)

and 92 longfin smelt (20-33 mm) were sampled. There were 23 Delta smelt in the South and Central Delta, with the highest concentration in the northern Delta and westward.

There was 1 longfin smelt in the North Delta and a high concentration at the confluence and westward. There were no longfin smelt in the South or Central Delta.

The Summer Townet Survey began June 11 and the 20mm Survey 8 begins June 18.

The latest survey updates can be found at <http://www.dfg.ca.gov/delta/data/>.

Smelt Working Group

The SWG did not make any recommendations for a change in operations. Current operations adequately protect smelt from entrainment. The SWG will meet again on Monday, June 18.

The RPA for Action 3 will continue until June 30 unless the temperature off ramp is met. Smelt Working Group notes are posted at <http://www.fws.gov/sfbaydelta/OCAP/index.cfm>.

DOSS

DOSS advised NMFS and WOMET to continue operating to OMR flows of no more negative than -5,000 cfs (unless a fish density trigger is exceeded) per Action IV.2.3 until June 15.

If a fish density trigger is exceeded today (Thursday, 6/14) or tomorrow (Friday, 6/15), operationally, OMR cannot be changed to meet the criteria in such a short period of time. Therefore, the OMR flows under Action IV.2.3 will be no more negative than -5,000 for the rest of the action period.

DOSS is taking a break for the summer, but members will continue to work on the annual review report and discuss the development of a monitoring-based trigger for the onset of Action IV.2.3.

DOSS notes are posted at <http://www.swr.noaa.gov/ocap/doss.htm>.

Operations

Summary for June 14, 2012			
SWP		CVP	
Clifton Court (cfs)	1,000	Jones Pumping Plant (cfs)	2,400
Outflow (cfs)	6,400	American - Nimbus (cfs)	3,000
Feather - Oroville (cfs)	4,000	Sacramento - Keswick (cfs)	11,500
San Luis Total (TAF)	1,129	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	710	San Luis Share (TAF)	
X2 (Km)	>81		
E/I (%)	27.9		
OMR (daily)			
OMR 5 day (cfs)	-4,091		
OMR 14 day (cfs)	-4,031		

On June 14 at noon, the CVP and SWP will cease pumping to meet the X2 standard at Collinsville. The projects are targeting 7,100 cfs outflow.

CVP will be at 0 cfs starting at noon today and plans to ramp up gradually over the weekend.

SWP will decrease Clifton Court Forebay intake to 1,000 cfs today and will most likely remain for the next few days.

Oroville releases will increase to 5,000 cfs to meet Delta needs and depletion in the system.

The Delta Cross Channel Gate is still closed for repairs. Repairs have not yet been completed. However the gates are anticipated to be operational by June 23.

Daily operations summary can be viewed at
<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>.

Delta Water Temperature Conditions

Water temperature at Clifton Court was at about 22.6°C on 6/13. RPA Component 2 (Action 3) of the FWS biological opinion will either end on June 30 or when the 3-day mean water temperature at Clifton Court Forebay reaches 25° C, whichever occurs first.

Water temperature at Mossdale was at about 23.6°C on 6/13. RPA Action IV.2.3 of the NMFS biological opinion will either end on June 15 or when the average daily water temperature at Mossdale is greater than 22°C for 7 consecutive days, whichever occurs first. Temperatures at Mossdale were above 22°C starting on June 11. In this case, 5 consecutive days at temperatures greater than 22°C would have been met before June 15.

Additional temperature data can be found at
<http://www.water.ca.gov/swp/operationscontrol/docs/delta/DeltaMisc1.pdf>.

Temporary Barriers

The Head of Old River barrier was breached on June 4. Full removal is scheduled to be complete during the week of June 18.

The Middle River barrier, Old River near Tracy barrier and Grant Line barrier are currently installed and will remain installed until the fall.

Next meeting: The next DAT conference call is scheduled for June 21, 2012 at 11:00am.