

DAT notes for February 16, 2012

Attendees: Angela Llaban, Edmund Yu, Kevin Reece, Wenli Yin and Andy Chu (DWR), Shing Kong (CCWD), Geir Aasen (CDFG), Leigh Bartoo and Jon Speegle (FWS), RG Fernando (MWD), Allison Febbo (SWC)

Salmonid Monitoring

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
Date	1/29/2012 - 2/11/2012	2/8-2/15	2/8-2/15
CHNF	349,866	165	70
CHNLF			
CHNW	789		1
CHNS	673	1	
CHN hatchery		1	
SH wild	191		
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 Chinook monitoring data can be found at:
<http://www.water.ca.gov/swp/operationscontrol/calfed/calfedmonitoring.cfm>

Delta Monitoring

Trawl and Seine Report for 2/5/2012 to 2/11/2012				
Species*	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF	733		68	
CHNLF				
CHNW				
CHNS	1			
CHN hatchery	1			1
SH wild			4	
SH hatchery	2		13	4
DSM				11
LFS				
SPLT	2			2
*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				

Delta smelt caught at Chippis Island were 51-76 mm with no expression.

Salvage

Salmonids - Salvage report for 2/6/2012 to 2/12/2012								
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								
Total to Date								
CHNLF								
Total to Date	24	20	19	14				
CHNW	13	13	8	6	12	54	4	18
Total to Date	154	114	33	24	114	513	4	18
CHNS								
Total to Date								
SH	8	5			4	17		
Total to Date	27	19	1	1	16	69	8	35
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 2/6/2012 to 2/12/2012				
Species	CVP		SWP	
	Salvage	Total to Date	Salvage	Total to Date
DSM	4	47		
LFS				
SPLT	1	194	16	3772
GST				
WST		60		
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

As of Feb 15 the cumulative salvage of delta smelt is 56 adults. The cumulative take limit for adult delta smelt is 2,487. One gravid female was observed at the CVP. Both state and federal fish facilities began smelt larval sampling on Feb 16.

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 is located in the tables under the folder "DOSS salvage tables". Smelt salvage data is located under the folder "Daily Smelt Summary".

Smelt Monitoring

Smelt Larva Survey #3 was in the field Feb 6 -7; a full survey was completed (35 stations) and data have been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>.

Smelt Larva Survey #4 will begin on Feb 21.

Spring Kodiak Trawl #2 was in the field Feb 13 - 16; a full survey was completed (40 stations) and data will be posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>.

Spring Kodiak Trawl will begin on Mar 5.

Smelt Working Group

On Feb 13, the SWG held their regular meeting and reviewed hydrology and monitoring data. No recommendations were made. The Spring Kodiak Trawl collected a number of spent females yesterday, Feb 15. The SWG will look for guidance under Action 3 for protection of juveniles.

DOSS

DOSS met on Feb 14 and reviewed current fish monitoring data. None of the fish triggers for Action IV.2.3 (OMR flow management) were met. DOSS provided no advice to NMFS and WOMT.

Operations

Summary for February 16, 2012			
SWP		CVP	
Clifton Court (cfs)	2000	Jones Pumping Plant (cfs)	2300
Outflow (cfs)	12200	American - Nimbus (cfs)	1450
Feather - Oroville (cfs)	2750	Sacramento - Keswick (cfs)	4000
San Luis Total (TAF)	1840	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	991	San Luis Share (TAF)	
X2 (Km)	73		
E/I (%)	25.5		
OMR (daily)			
OMR 5 day (cfs)	-3100		
OMR 14 day (cfs)	-2100		

Daily operations summary can be viewed at:

<http://www.water.ca.gov/swp/operationscontrol/docs/delta/deltaops.pdf>

For the rest of February, the Projects will most likely operate to Delta outflow standards (# of days to meet Chipps X2 days)

Next meeting: The next DAT conference call is scheduled for March 1, 2012.