

DAT notes for March 1, 2012

Attendees: Angela Llaban, Edmund Yu, Kevin Reece, Lacey Wall, Wenli Yin and James Gleim (DWR), Lucinda Shih (CCWD), Geir Aasen and Lauren Damon (CDFG), Jon Speegle (FWS), RG Fernando, Owen Lu (MWD) and Sheila Greene (WWD)

Salmonid Monitoring

Species*	Red Bluff Diversion Dam RST	Tisdale Weir RST	Knights Landing RST
Date	2/12/2012 - 2/25/2012	2/17/2012 - 2/27/2012	2/16/2012 - 2/29/2012
CHNF	864,065	164	102
CHNLF			
CHNW	682		
CHNS	3,554	1	2
CHN hatchery		1	
SH wild	148		
SH hatchery		1	2
*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 2/19/2012 to 2/25/2012				
Species*	Beach Seines	Mossdale KDTR	Sacramento KDTR	Chippis Is MWTR
CHNF	685		4	
CHNLF				
CHNW	3			
CHNS	15			
CHN hatchery				
SH wild			9	
SH hatchery			11	5
DSM				10
LFS				10
SPLT	1			3
*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				

At Chippis Island, longfin smelt were 64-117 mm (expression: 3 egg) and 10 delta smelt were 63-76 mm (expression: 1 egg).

Salvage

Salmonids - Salvage report for 2/21/2012 to 2/26/2012								
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					15	67	24	108
Total to Date	169	126	48	36	154	689	34	152
CHNS								
Total to Date								
SH	15	10			5	22	4	17
Total to Date	72	49	2	1	37	160	16	70
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 2/21/2012 to 2/26/2012				
Species	CVP		SWP	
	Salvage	Total to Date	Salvage	Total to Date
DSM	12	78	20	20
LFS				
SPLT		211		3794
GST				
WST		60		
DSM=Delta smelt, LFS=Longfin smelt, SPLT = Splittail, GST=Green sturgeon, WST=White sturgeon				

As of Feb 29, the cumulative salvage of delta smelt is 86 adults at the federal facility and 52 adults at the state facility. The cumulative take limit for adult delta smelt is 2,487.

No larval delta smelt < 20 mm FL were reported in larval fish samples through 2/26/2012 at the federal facility and through 0900 hours on 2/23/2012 at the state facility.

Postlarval and prejuvenile longfin smelt were found in larval fish samples at the federal facility during the period from 2/20/2012 to 2/26/2012 and at the state facility during the period from 1500 hours on 2/17/2012 to 0900 hours on 2/23/2012.

As of Feb 26, the cumulative loss of non-clipped winter-run Chinook is 188. The seasonal take limit for winter-run Chinook is 3,241.

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 #4 was in the field Feb 21-22. A full survey (35 stations) was completed and data have been posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SLS>. A total of 1920 longfin smelt and 2 delta smelt were caught. Smelt Larva Survey #5 will begin on Mar 5.

Spring Kodiak Trawl #2 was in the field Feb 13 – 16. A full survey (40 stations) was completed and data will be posted to <http://www.dfg.ca.gov/delta/projects.asp?ProjectID=SKT>. A total of 287 delta smelt were caught (Suisun Bay, 166; Confluence, 1; Sac River, 102; and South and Central Delta, 18). Spring Kodiak Trawl #3 will begin on Mar 5.

Smelt Working Group

On Feb 27, the SWG held their regular meeting and reviewed hydrology and monitoring data. No recommendations were made for a change in operations

DOSS

DOSS met on Feb 28 and reviewed current fish monitoring data. DOSS provided advice to NMFS and WOMT for the projects to continue managing OMR flows to no more negative than -3,500 cfs until March 3, pursuant to NMFS RPA Action 4.2.3. If older juvenile loss density for Feb 28 comes in greater than 5.0 fish/TAF, then projects will operate to the more restrictive -2,500 OMR criteria until March 4.

Operations

Summary for March 1, 2012			
SWP		CVP	
Clifton Court (cfs)	1,500	Jones Pumping Plant (cfs)	2,000
Outflow (cfs)	10,200	American - Nimbus (cfs)	1,360
Feather - Oroville (cfs)	1,750	Sacramento - Keswick (cfs)	4,500
San Luis Total (TAF)	1,722	Stanislaus - Goodwin (cfs)	
San Luis Share (TAF)	974	San Luis Share (TAF)	
X2 (Km)	74		
E/I (%)	25.5		
OMR (daily)			
OMR 5 day (cfs)	-2,695		
OMR 14 day (cfs)	-2,458		

The 14-day running average OMR flow is used for RPA compliance. Projects will adjust exports accordingly to manage for OMR -2500 cfs.

Daily operations summary can be viewed at:

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

Next meeting: The next DAT call is scheduled for March 8, 2012.