



United States Department of the Interior

BUREAU OF RECLAMATION
Mid-Pacific Region
Bay-Delta Office
801 I Street, Suite 140
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IN REPLY REFER TO:

BDO-100
ENV-7.00

MAR 17 2014

MEMORANDUM

To: Field Supervisor, U.S. Fish and Wildlife Service
Attn: Michael A. Chotkowski

From: Susan M. Fry
Area Manager, Bay-Delta Office 

Subject: March 14, 2014, Memorandum Regarding Continuing Drought Response Measures Under the 2008 Coordinated Long-term Operation of the Central Valley Project (CVP) and State Water Project (SWP) Biological Opinion (2008 BiOp) to Address Reinitiation Statement Regarding Consecutive Dry Years – Corrected Page 2 of Attachment

On March 14, 2014, Reclamation transmitted the above referenced memorandum and accompanying information to the U.S. Fish and Wildlife Service. On page 2 of the attachment entitled *Delta and Longfin Smelt Supporting Information for Endangered Species Act Compliance Regarding Delta Water Quality*, Table 1 mistakenly contained several typographical errors. These errors in no way affect the overall outcome of the biological review for delta smelt and longfin smelt contained in this prior transmittal.

Please find attached a newly generated page 2 containing corrected values in Table 1. Please replace the prior version of page 2 with this corrected version. We apologize for any inconvenience caused by this inadvertent error.

Attachment

cc: See next page.

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(w/att to each)

*Delta and Longfin Smelt Supporting Information for Endangered Species Act Compliance
Regarding Delta Water Quality*

Date	Projected Without Proposed Action					Projected With Proposed Action				
	Combined pumping	NDOI	Old and Middle River Flow			Combined pumping	NDOI	Old and Middle River Flow		
			Daily Index	14-d Average	QWEST			Daily Index	14-d Average	QWEST
24-Feb-14	1494	6614	-1250	-3526	635	1494	6614	-1250	-3526	635
25-Feb-14	1494	6366	-1258	-3372	526	1494	6366	-1258	-3372	526
26-Feb-14	1498	5885	-1249	-3174	498	1498	5885	-1249	-3174	498
27-Feb-14	1498	6374	-1251	-2921	1855	1498	6374	-1251	-2921	1855
28-Feb-14	1518	7127	-1250	-2669	1965	1518	7127	-1250	-2669	1965
1-Mar-14	1505	10964	-1150	-2408	7386	1505	10964	-1150	-2408	7386
2-Mar-14	3954	15494	-3240	-2295	6179	3954	15494	-3240	-2295	6179
3-Mar-14	4283	21430	-3594	-2205	5994	4283	21430	-3594	-2205	5994
4-Mar-14	4642	24056	-3973	-2175	4769	4642	24056	-3973	-2175	4769
5-Mar-14	5663	24455	-4919	-2275	3896	5663	24455	-4919	-2275	3896
6-Mar-14	5805	21436	-5045	-2424	-5	5805	21436	-5045	-2424	-5
7-Mar-14	6785	20768	-5981	-2686	497	6785	20768	-5981	-2686	497
8-Mar-14	6788	21369	-6016	-2950	520	6788	21369	-6016	-2950	520
9-Mar-14	6546	22835	-5791	-3283	-413	6546	22835	-5791	-3283	-413
10-Mar-14	6822	21137	-6020	-3624	-1318	6822	21137	-6020	-3624	-1318
11-Mar-14	6772	17677	-5963	-3960	-2335	6772	17677	-5963	-3960	-2335
12-Mar-14	6300	14571	-5550	-4267	-2325	6300	14571	-5550	-4267	-2325
13-Mar-14	5800	13914	-5094	-4542	-1459	7300	13414	-6461	-4640	-2959
14-Mar-14	5200	15564	-4559	-4778	-683	7200	14397	-6381	-5006	-2683
15-Mar-14	3900	16940	-3375	-4937	91	6900	14773	-6108	-5360	-2929
16-Mar-14	3900	15900	-3386	-4948	-401	6900	13234	-6119	-5566	-3401
17-Mar-14	3900	13052	-3397	-4934	-745	6900	10052	-6130	-5747	-3745
18-Mar-14	3900	10470	-2395	-4821	-1011	5900	7804	-5219	-5836	-3011
19-Mar-14	3000	8623	-2407	-4641	-409	3000	6957	-2589	-5670	-409
20-Mar-14	2800	7573	-2407	-4453	-236	2800	6907	-2407	-5481	-236
21-Mar-14	2800	7107	-2418	-4198	-295	2800	7107	-2418	-5227	-295
22-Mar-14	2300	7107	-1974	-3910	146	2300	7107	-1974	-4938	146
23-Mar-14	2000	7140	-1701	-3618	419	2000	7140	-1701	-4646	419
24-Mar-14	2000	7173	-1712	-3310	360	2000	7173	-1712	-4338	360
25-Mar-14	1800	7123	-1530	-2993	534	1800	7123	-1530	-4021	534
26-Mar-14	1500	7057	-1268	-2687	775	1500	7057	-1268	-3715	775
27-Mar-14	1500	7007	-1268	-2414	748	1500	7007	-1268	-3345	748
28-Mar-14	1500	6873	-1279	-2180	689	1500	6873	-1279	-2980	689
29-Mar-14	1500	6657	-1279	-2030	662	1500	6657	-1279	-2635	662
30-Mar-14	1500	6440	-1279	-1880	636	1500	6440	-1279	-2290	636
31-Mar-14	1500	6223	-1291	-1729	577	1500	6223	-1291	-1944	577

Table 1: Observed (through March 11) and projected combined exports, Net Delta Outflow Index, Daily and 14-day Old and Middle River Old and Middle River flows, and QWEST. The NDOI is calculated as either a 7-day or 3-day running average.