



TURLOCK IRRIGATION DISTRICT
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Don Pedro Dam and
Powerhouse

April 18, 2007 (via e-mail)

Mr. Dean Marston
California Dept. of Fish and Game
1234 E. Shaw Ave.
Fresno, CA 93710

Ms. Deborah Giglio
U.S. Fish and Wildlife Service
2800 Cottage Way, W-2605
Sacramento, CA 95825

RE: Tuolumne River 2007-2008 FERC Article 37 Flow Schedule for P-2299

Dear Fishery Agency representatives:

In a letter dated January 11, 2007, and pursuant to the 1996 FERC Order, Amended Article 37, I provided to you an updated Water Year Classification Index for determining the volume of scheduled stream flows for the fish flow year based on the San Joaquin Basin 60-20-20 Index.

As you know, the 2007 Water Year is likely to be the driest year since the 1996 FERC Order. The DWR April 1, 2007 60-20-20 San Joaquin Basin Index forecasts were 2,133,183 for 50% exceedence and 1,827,183 for 90% exceedence. The forecasts had dropped to 2,043,183 for 50% exceedence and 1,773,183 for 90% exceedence in the DWR April 10 update. Those latest indices correspond to annual volumes of 119,360 AF (including 32,619 AF outmigration pulse flow) and 110,919 AF (including 20,091 AF outmigration pulse flow) respectively, with additional water based on interpolation above the applicable basin index threshold.

It has been determined that the 2007 Vernalis Adaptive Management Plan (VAMP) is scheduled to begin on April 22, meaning increased La Grange flows must be scheduled to start by April 20 as two days are needed for those flows to reach Vernalis in the San Joaquin River. The Districts have been coordinating a daily flow schedule with your agencies in the VAMP process for the spring pulse flow period. Attached is the Tuolumne River flow schedule for the April 15-May 31 period, utilizing 22,564 AF in spring pulse flow due to the overall dry trend. Later DWR forecast updates will be used to determine the summer flow level starting in June, which appears now to be in the 50-75 cfs range. The annual fish flow year volume will not be available until August after the basin index is finalized.

If you have any questions, please contact Wes Monier at 209-883-8321.

Sincerely,


Robert Nees
Assistant General Manager
Water Resources and Regulatory Affairs Administration



C: Larry Weis - TID
Allen Short - MID
Phylis Posey – FERC Secretary

TABLE I
Tuolumne River Flow Schedule

SCHEDULE FOR 2007 - 2008 Fish Flow Year

DATE		Number of DAYS	BASE FLOW			PULSE FLOW			ADDITIONAL FLOW			TOTAL FERC FLOW	
From:	To:		CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	ACCUM. A.F.
15-Apr-2007	15-Apr-2007	1	150	298	298	100	198	198	0	0	0	250	496
16-Apr-2007	16-Apr-2007	1	150	298	595	100	198	397	0	0	0	250	992
17-Apr-2007	17-Apr-2007	1	150	298	893	100	198	595	0	0	0	250	1,488
18-Apr-2007	18-Apr-2007	1	150	298	1,190	100	198	793	0	0	0	250	1,983
19-Apr-2007	19-Apr-2007	1	150	298	1,488	100	198	992	0	0	0	250	2,479
20-Apr-2007	20-Apr-2007	1	150	298	1,785	392	778	1,770	56	111	111	599	3,667
21-Apr-2007	21-Apr-2007	1	150	298	2,083	392	778	2,548	56	111	223	599	4,854
22-Apr-2007	22-Apr-2007	1	150	298	2,380	392	778	3,327	56	111	334	599	6,041
23-Apr-2007	23-Apr-2007	1	150	298	2,678	392	778	4,105	56	111	446	599	7,229
24-Apr-2007	24-Apr-2007	1	150	298	2,975	392	778	4,883	56	111	557	599	8,416
25-Apr-2007	25-Apr-2007	1	150	298	3,273	392	778	5,662	56	111	669	599	9,603
26-Apr-2007	26-Apr-2007	1	150	298	3,570	392	778	6,440	56	111	780	599	10,791
27-Apr-2007	27-Apr-2007	1	150	298	3,868	392	778	7,218	56	111	892	599	11,978
28-Apr-2007	28-Apr-2007	1	150	298	4,165	392	778	7,997	56	111	1003	599	13,165
29-Apr-2007	29-Apr-2007	1	150	298	4,463	285	566	8,563	41	81	1084	476	14,110
30-Apr-2007	30-Apr-2007	1	150	298	4,760	196	389	8,952	28	56	1140	374	14,853
01-May-2007	01-May-2007	1	150	298	5,058	107	212	9,164	15	30	1171	272	15,393
02-May-2007	02-May-2007	1	150	298	5,355	107	212	9,377	15	30	1201	272	15,933
03-May-2007	03-May-2007	1	150	298	5,653	107	212	9,589	15	30	1231	272	16,473
04-May-2007	04-May-2007	1	150	298	5,950	107	212	9,801	15	30	1262	272	17,013
05-May-2007	05-May-2007	1	150	298	6,248	107	212	10,013	15	30	1292	272	17,554
06-May-2007	06-May-2007	1	150	298	6,545	107	212	10,226	15	30	1323	272	18,094
07-May-2007	07-May-2007	1	150	298	6,843	107	212	10,438	15	30	1353	272	18,634
08-May-2007	08-May-2007	1	150	298	7,140	107	212	10,650	15	30	1383	272	19,174
09-May-2007	09-May-2007	1	150	298	7,438	107	212	10,863	15	30	1414	272	19,714
10-May-2007	10-May-2007	1	150	298	7,736	107	212	11,075	15	30	1444	272	20,255
11-May-2007	11-May-2007	1	150	298	8,033	196	389	11,464	28	56	1500	374	20,997
12-May-2007	12-May-2007	1	150	298	8,331	285	566	12,030	41	81	1581	476	21,942
13-May-2007	13-May-2007	1	150	298	8,628	392	778	12,808	56	111	1693	599	23,129
14-May-2007	14-May-2007	1	150	298	8,926	392	778	13,587	56	111	1804	599	24,316
15-May-2007	15-May-2007	1	150	298	9,223	392	778	14,365	56	111	1916	599	25,504
16-May-2007	16-May-2007	1	150	298	9,521	392	778	15,143	56	111	2027	599	26,691
17-May-2007	17-May-2007	1	150	298	9,818	392	778	15,922	56	111	2139	599	27,878
18-May-2007	18-May-2007	1	150	298	10,116	392	778	16,700	56	111	2250	599	29,066
19-May-2007	19-May-2007	1	150	298	10,413	392	778	17,478	56	111	2362	599	30,253
20-May-2007	20-May-2007	1	150	298	10,711	392	778	18,257	56	111	2473	599	31,440
21-May-2007	21-May-2007	1	150	298	11,008	100	793	19,050	0	0	2,473	550	32,531
22-May-2007	22-May-2007	1	150	298	11,306	275	545	19,596	0	0	2,473	425	33,374
23-May-2007	23-May-2007	1	150	298	11,603	175	347	19,943	0	0	2,473	325	34,019
24-May-2007	24-May-2007	1	150	298	11,901	75	149	20,091	0	0	2,473	225	34,465
25-May-2007	25-May-2007	1	150	298	12,198	0	0	20,091	0	0	2,473	150	34,763
26-May-2007	26-May-2007	1	150	298	12,496	0	0	20,091	0	0	2,473	150	35,060
27-May-2007	27-May-2007	1	150	298	12,793	0	0	20,091	0	0	2,473	150	35,358
28-May-2007	28-May-2007	1	150	298	13,091	0	0	20,091	0	0	2,473	150	35,655
29-May-2007	29-May-2007	1	150	298	13,388	0	0	20,091	0	0	2,473	150	35,953
30-May-2007	30-May-2007	1	135	268	13,656	0	0	20,091	0	0	2,473	135	36,221
31-May-2007	31-May-2007	1	120	238	13,894	0	0	20,091	0	0	2,473	120	36,459