TURLOCK IRRIGATION DISTRICT
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March 21, 2008

VIA E-MAIL

Tim Heyne
California Dept. of Fish and Game
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La Grange, CA 95329

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

Jeff Stuart
National Marine Fisheries Service
650 Capitol Mall, Suite 8-300
Sacramento, CA 95814-4708

RE: Project 2299 – Minimum Flow Coordination Process for 2008-2009 Fish Flow Year

Dear Fishery Agency representatives:

The 1996 FERC Order, Amended Article 37, contained a Water Year Classification Index for determining the volume of scheduled stream flows for each fish flow year. The classifications are based on the San Joaquin Basin 60-20-20 Indices for water years. The index has been updated in a continuous fashion based on the Department of Water Resources (DWR) monthly forecasts and updates of those forecasts are provided in Table 1. We are in another below average year so far and as such each update changes the fish flow volume at the 50% and 90% exceedence levels.

TID has again been tracking the forecasts and providing your agencies with corresponding flow volume information in e-mails sent on Feb 19, Feb 21, Feb 29, Mar 10, Mar 13, and Mar 21. The volumes resulting from the Mar 1 forecast were reviewed at the Mar 13 TRTAC meeting. TID also supplied preliminary dry and average scenario daily schedules for initial Vernalis Adaptive Management Program (VAMP) pulse flow schedules that were provided to your agencies in a Mar 13 e-mail from the VAMP Hydrology Coordinator and at the Mar 14 VAMP technical meeting. At that meeting, the "final" selection for the VAMP period timing was determined to be from April 22 through May 22, the same as last year. Therefore, the corresponding start of that period at La Grange would be April 20, 2008 using the customary 2-day lead time for flow to arrive at Vernalis on the San Joaquin River. Consideration should be made again for adding to the base flow during the April 15-19 period as was done in 2007 where the flow schedule was raised from 150 cfs to 250 cfs.

Based on applying the current DWR April-July runoff forecast update of March 18 to the DWR March 1 60-20-20 basin index, the annual minimum flow requirements are 134,238 AF under the 90% Exceedence case and 164,129 AF under the 50% Exceedence case. These values are also shown on Table 1 with the respective 60-20-20 index. Those present forecast values for the 50%

(average) and 90% (dry) cases for the 2008-2009 Fish Year are shown in Figures 2 through 4 along with the different flow components within each classification. Due to the present dry trend these numbers incorporate a reduced estimate for March which the DWR will not update until the April 1 forecast. Also since it has turned dry this month, the 50% and 90% levels, and not the 10% level, seem the most appropriate for a general range to consider at present.

Based on all of the above, two updated daily schedules are presented as examples (Tables 2 & 3). The process that went into the schedules is as follows:

1) The base flow and pulse flow amounts are based those specified in the 1996 FERC Order.
2) The timing of the higher spring pulse flow is consistent with the VAMP period. The flow schedule during the April 15-19 period was raised to 250 cfs as was done in 2007.
3) The spring pulse flows are shown as steady with a rampdown. However a varied pattern with two peaks as has been used in past years is recommended as schedule(s) are refined over the next few weeks.
4) A rampdown to the June flow is shown.
5) The "interpolation water" volume for these two cases is shown at the bottom of the schedules. Allocating this variable category could be considered in later schedules when there is more information
6) The initial timing of the fall pulse flow in the 50% exceedence case is based on a default period of October 6 thorough 10 that was established in 1996. The actual timing and pattern of any pulse flows could be determined after July when the final 2008-2009 fish flow year volume is known.

Due to the tendency of dry years, for the Article 37 requirement we will use the April 1 60-20-20 Index 90% exceedence value for the initial flow schedule and apply a constant rate during the established VAMP flow period of the corresponding outmigration flow volume for that water year classification, adjusted for transition/rampdown periods, unless an alternative schedule is otherwise agreed upon by the parties. At this time we have been informed of no change to the decision of the US Fish and Wildlife Service to have National Marine Fisheries Service make flow schedule decisions on their behalf per the notification e-mail provided by Deborah Giglio on August 8, 2007, which stated "we are deferring to NOAA for flow requirements due to the anadromous fish species present in the project area as expressed in our February 26, 2004 letter to FERC". Please indicate if there is any change to that arrangement and if there is any change to the specific agency personnel designated to render flow schedule decisions in this process.

If an alternative flow schedule is to be utilized, we will need documented agreement for implementing the following items:

1) A FERC flow schedule starting April 15 that includes variable pulse flows, transition or rampdown flows, or other desired flow schedule aspects.
2) Any later schedule(s) for the VAMP flow scheduling process using more current hydrological data

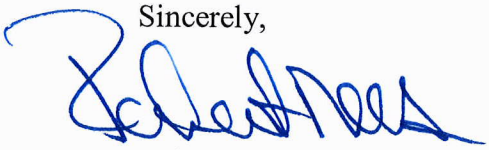
3) Other schedules as required by Article 37 where the volume of the annual flow shall be periodically readjusted as more current unimpaired flow information becomes available. The Fish Flow Procedure contained in the 2005 Ten Year Summary Report as Appendix A identified the process.

All flow schedules must have adequate advance notice provided for the Districts to meet their operational scheduling needs.

During the spring pulse flow period, there may be requests by the VAMP flow operation coordinators for flow adjustments in real time due to efforts to maintain certain target flows at Vernalis. Therefore, to the extent those requests may adjust an established FERC pulse flow schedule, we would need specific documented concurrence from the agencies in advance to make such flow changes as may be requested. This issue will be most relevant if there is little or no "supplemental VAMP flow" scheduled for the Tuolumne River, the status of which is unknown at this time. Another option would be to participate directly in the VAMP flow operation process and approve any such requests affecting FERC pulse flows on a case-specific basis during the VAMP period. Otherwise, we will adhere to the established FERC flow schedule without adjustment. Keep in mind that the flow rates for days with pulse flows scheduled are considered targets, and not minimum flow requirements for those days.

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

Sincerely,



Robert Nees
Directory of Water Resources and Regulatory Affairs

C: Larry Weis - TID
Allen Short - MID
FERC Secretary

Table 1

SAN JOAQUIN VALLEY WATER YEAR HYDROLOGIC CLASSIFICATION

602020 INDEX

YEAR	APRIL-JULY RUNOFF (AF) STANISLAUS	TUOLUMNE	MERCED	FRIANT	TOTAL	OCTOBER-MARCH RUNOFF (AF) STANISLAUS	TUOLUMNE	MERCED	FRIANT	TOTAL	602020 INDEX	TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT	San Joaquin Index (not the FERC Index) RANKING
Feb 1 Forecast													
Dry	440,000	790,000	400,000	850,000	2,480,000	208,750	297,500	152,750	314,000	973,000	2,074,121	122,298	Critical
Average	670,000	1,180,000	580,000	1,210,000	3,640,000	261,751	399,657	205,643	353,752	1,220,803	2,819,681	197,286	Below Normal
Wet	1,130,000	1,970,000	1,090,000	2,030,000	6,220,000	371,563	593,125	377,063	595,500	1,937,250	4,510,971	300,923	Wet
Feb 12 Update													
Dry	470,000	830,000	420,000	870,000	2,590,000	208,750	297,500	152,750	314,000	973,000	2,140,121	125,454	Dry
Average	680,000	1,170,000	580,000	1,200,000	3,630,000	261,751	399,657	205,643	353,752	1,220,803	2,813,681	195,339	Below Normal
Wet	1,110,000	1,900,000	1,030,000	1,940,000	5,980,000	371,563	593,125	377,063	595,500	1,937,250	4,366,971	300,923	Wet
Feb 21 Update													
Dry	460,000	810,000	400,000	830,000	2,500,000	208,750	297,500	152,750	314,000	973,000	2,086,121	122,872	Critical
Average	650,000	1,120,000	550,000	1,140,000	3,460,000	261,751	399,657	205,643	353,752	1,220,803	2,711,681	164,399	Below Normal
Wet	1,070,000	1,800,000	960,000	1,830,000	5,660,000	371,563	593,125	377,063	595,500	1,937,250	4,174,971	300,923	Wet
Feb 26 Update													
Dry	530,000	960,000	480,000	1,010,000	2,980,000	208,750	297,500	152,750	314,000	973,000	2,374,121	140,520	Dry
Average	710,000	1,240,000	620,000	1,300,000	3,870,000	261,751	399,657	205,643	353,752	1,220,803	2,957,681	242,064	Below Normal
Wet	1,110,000	1,880,000	990,000	1,930,000	5,910,000	371,563	593,125	377,063	595,500	1,937,250	4,324,971	300,923	Wet
Mar 1 Forecast													
Dry	530,000	960,000	470,000	960,000	2,920,000	202,500	351,250	188,750	261,250	1,003,750	2,344,271	138,487	Dry
Average	700,000	1,220,000	610,000	1,240,000	3,770,000	240,558	400,393	212,769	306,060	1,159,780	2,885,477	218,636	Below Normal
Wet	1,090,000	1,840,000	960,000	1,830,000	5,720,000	369,375	530,938	291,563	453,438	1,645,313	4,152,583	300,923	Wet
Mar 11 Update													
Dry	520,000	930,000	450,000	920,000	2,820,000	240,558	400,393	212,769	306,060	1,159,780	2,315,477	136,526	Dry
Average	680,000	1,160,000	580,000	1,170,000	3,590,000	240,558	400,393	212,769	306,060	1,159,780	2,777,477	183,592	Below Normal
Wet	1,020,000	1,710,000	890,000	1,680,000	5,300,000	240,558	400,393	212,769	306,060	1,159,780	3,803,477	300,923	Wet
Mar 18 Update													
Dry	520,000	920,000	440,000	910,000	2,790,000	221,529	375,822	200,760	283,655	1,081,765	2,281,874	134,238	Dry
Average	670,000	1,130,000	560,000	1,140,000	3,500,000	221,529	375,822	200,760	283,655	1,081,765	2,707,874	164,129	Below Normal
Wet	980,000	1,620,000	850,000	1,590,000	5,040,000	221,529	375,822	200,760	283,655	1,081,765	3,631,874	300,923	Above Normal

TABLE 2

Tuolumne River Flow Schedule

SCHEDULE FOR 2008 - 2009 Fish Flow Year

DATE		Number of	Flow for Dry										
			Flow			Pulse Flow			Other Adjusted Flow			Total FERC Flow	
From:	To:	DAYS	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	ACCUM. A.F.
15-Apr-2008	15-Apr-2008	1	150	298	298	100	198	198	0	0	0	250	496
16-Apr-2008	16-Apr-2008	1	150	298	595	100	198	397	0	0	0	250	992
17-Apr-2008	17-Apr-2008	1	150	298	893	100	198	595	0	0	0	250	1,488
18-Apr-2008	18-Apr-2008	1	150	298	1,190	100	198	793	0	0	0	250	1,983
19-Apr-2008	19-Apr-2008	1	150	298	1,488	100	198	992	0	0	0	250	2,479
20-Apr-2008	20-Apr-2008	1	150	298	1,785	555	1,101	2,093	0	0	0	705	3,878
21-Apr-2008	21-Apr-2008	1	150	298	2,083	555	1,101	3,194	0	0	0	705	5,277
22-Apr-2008	22-Apr-2008	1	150	298	2,380	555	1,101	4,295	0	0	0	705	6,675
23-Apr-2008	23-Apr-2008	1	150	298	2,678	555	1,101	5,396	0	0	0	705	8,074
24-Apr-2008	24-Apr-2008	1	150	298	2,975	555	1,101	6,497	0	0	0	705	9,472
25-Apr-2008	25-Apr-2008	1	150	298	3,273	555	1,101	7,598	0	0	0	705	10,871
26-Apr-2008	26-Apr-2008	1	150	298	3,570	555	1,101	8,699	0	0	0	705	12,270
27-Apr-2008	27-Apr-2008	1	150	298	3,868	555	1,101	9,801	0	0	0	705	13,668
28-Apr-2008	28-Apr-2008	1	150	298	4,165	555	1,101	10,902	0	0	0	705	15,067
29-Apr-2008	29-Apr-2008	1	150	298	4,463	555	1,101	12,003	0	0	0	705	16,466
30-Apr-2008	30-Apr-2008	1	150	298	4,760	555	1,101	13,104	0	0	0	705	17,864
01-May-2008	01-May-2008	1	150	298	5,058	555	1,101	14,205	0	0	0	705	19,263
02-May-2008	02-May-2008	1	150	298	5,355	555	1,101	15,306	0	0	0	705	20,662
03-May-2008	03-May-2008	1	150	298	5,653	555	1,101	16,407	0	0	0	705	22,060
04-May-2008	04-May-2008	1	150	298	5,950	555	1,101	17,508	0	0	0	705	23,459
05-May-2008	05-May-2008	1	150	298	6,248	555	1,101	18,609	0	0	0	705	24,857
06-May-2008	06-May-2008	1	150	298	6,545	555	1,101	19,711	0	0	0	705	26,256
07-May-2008	07-May-2008	1	150	298	6,843	555	1,101	20,812	0	0	0	705	27,655
08-May-2008	08-May-2008	1	150	298	7,140	555	1,101	21,913	0	0	0	705	29,053
09-May-2008	09-May-2008	1	150	298	7,438	555	1,101	23,014	0	0	0	705	30,452
10-May-2008	10-May-2008	1	150	298	7,736	555	1,101	24,115	0	0	0	705	31,851
11-May-2008	11-May-2008	1	150	298	8,033	555	1,101	25,216	0	0	0	705	33,249
12-May-2008	12-May-2008	1	150	298	8,331	555	1,101	26,317	0	0	0	705	34,648
13-May-2008	13-May-2008	1	150	298	8,628	555	1,101	27,418	0	0	0	705	36,046
14-May-2008	14-May-2008	1	150	298	8,926	555	1,101	28,519	0	0	0	705	37,445
15-May-2008	15-May-2008	1	150	298	9,223	555	1,101	29,621	0	0	0	705	38,844
16-May-2008	16-May-2008	1	150	298	9,521	555	1,101	30,722	0	0	0	705	40,242
17-May-2008	17-May-2008	1	150	298	9,818	555	1,101	31,823	0	0	0	705	41,641
18-May-2008	18-May-2008	1	150	298	10,116	555	1,101	32,924	0	0	0	705	43,040
19-May-2008	19-May-2008	1	150	298	10,413	555	1,101	34,025	0	0	0	705	44,438
20-May-2008	20-May-2008	1	150	298	10,711	555	1,101	35,126	0	0	0	705	45,837
21-May-2008	21-May-2008	1	150	298	11,008	425	843	35,969	0	0	0	575	46,977
22-May-2008	22-May-2008	1	150	298	11,306	300	595	36,564	0	0	0	450	47,870
23-May-2008	23-May-2008	1	150	298	11,603	175	347	36,911	0	0	0	325	48,515
24-May-2008	24-May-2008	1	150	298	11,901	75	149	37,060	0	0	0	225	48,961
25-May-2008	25-May-2008	1	150	298	12,198	0	0	37,060	0	0	0	150	49,258
26-May-2008	26-May-2008	1	150	298	12,496	0	0	37,060	0	0	0	150	49,556
27-May-2008	27-May-2008	1	150	298	12,793	0	0	37,060	0	0	0	150	49,853
28-May-2008	28-May-2008	1	150	298	13,091	0	0	37,060	0	0	0	150	50,151
29-May-2008	29-May-2008	1	150	298	13,388	0	0	37,060	0	0	0	150	50,448
30-May-2008	30-May-2008	1	150	298	13,686	0	0	37,060	0	0	0	150	50,746
31-May-2008	31-May-2008	1	125	248	13,934		0	37,060	0	0	0	125	50,994
01-Jun-2008	01-Jun-2008	1	100	198	14,132		0	37,060	0	0	0	100	51,192
02-Jun-2008	02-Jun-2008	1	75	149	14,281		0	37,060	0	0	0	75	51,341
03-Jun-2008	03-Jun-2008	1	75	149	14,430		0	37,060	0	0	0	75	51,490
04-Jun-2008	04-Jun-2008	1	75	149	14,579		0	37,060	0	0	0	75	51,639
05-Jun-2008	30-Jun-2008	26	75	3,868	18,446		0	37,060	0	0	0	75	55,506
01-Jul-2008	31-Jul-2008	31	75	4,612	23,058		0	37,060	0	0	0	75	60,118
01-Aug-2008	31-Aug-2008	31	75	4,612	27,669		0	37,060	0	0	0	75	64,729
01-Sep-2008	10-Sep-2008	10	75	1,488	29,157		0	37,060	0	0	0	75	66,217
11-Sep-2008	13-Sep-2008	3	75	446	29,603		0	37,060	0	0	0	75	66,663
14-Sep-2008	30-Sep-2008	17	75	2,529	32,132		0	37,060	0	0	0	75	69,192
01-Oct-2008	05-Oct-2008	5	150	1,488	33,620		0	37,060	0	0	0	150	70,680
06-Oct-2008	10-Oct-2008	5	150	1,488	35,107	0	0	37,060	0	0	0	150	72,167
11-Oct-2008	26-Oct-2008	16	150	4,760	39,868		0	37,060	0	0	0	150	76,928
27-Oct-2008	28-Oct-2008	2	150	595	40,463		0	37,060	0	0	0	150	77,523
29-Oct-2008	29-Oct-2008	1	150	298	40,760		0	37,060	0	0	0	150	77,820
30-Oct-2008	30-Oct-2008	1	150	298	41,058		0	37,060	0	0	0	150	78,118
31-Oct-2008	31-Oct-2008	1	150	298	41,355		0	37,060	0	0	0	150	78,415
01-Nov-2008	16-Nov-2008	16	150	4,760	46,116		0	37,060	0	0	0	150	83,176
17-Nov-2008	30-Nov-2008	14	150	4,165	50,281		0	37,060	0	0	0	150	87,341
01-Dec-2008	31-Dec-2008	31	150	9,223	59,504		0	37,060	0	0	0	150	96,564
01-Jan-2009	31-Jan-2009	31	150	9,223	68,727		0	37,060	0	0	0	150	105,787
01-Feb-2009	28-Feb-2009	28	150	8,331	77,058		0	37,060	0	0	0	150	114,118
01-Mar-2009	31-Mar-2009	31	150	9,223	86,281		0	37,060	0	0	0	150	123,341
01-Apr-2009	14-Apr-2009	14	150	4,165	90,446		0	37,060	0	0	0	150	127,506
No. of days		365	(April 15 through April 14)						Interpolation		6,732		134,238

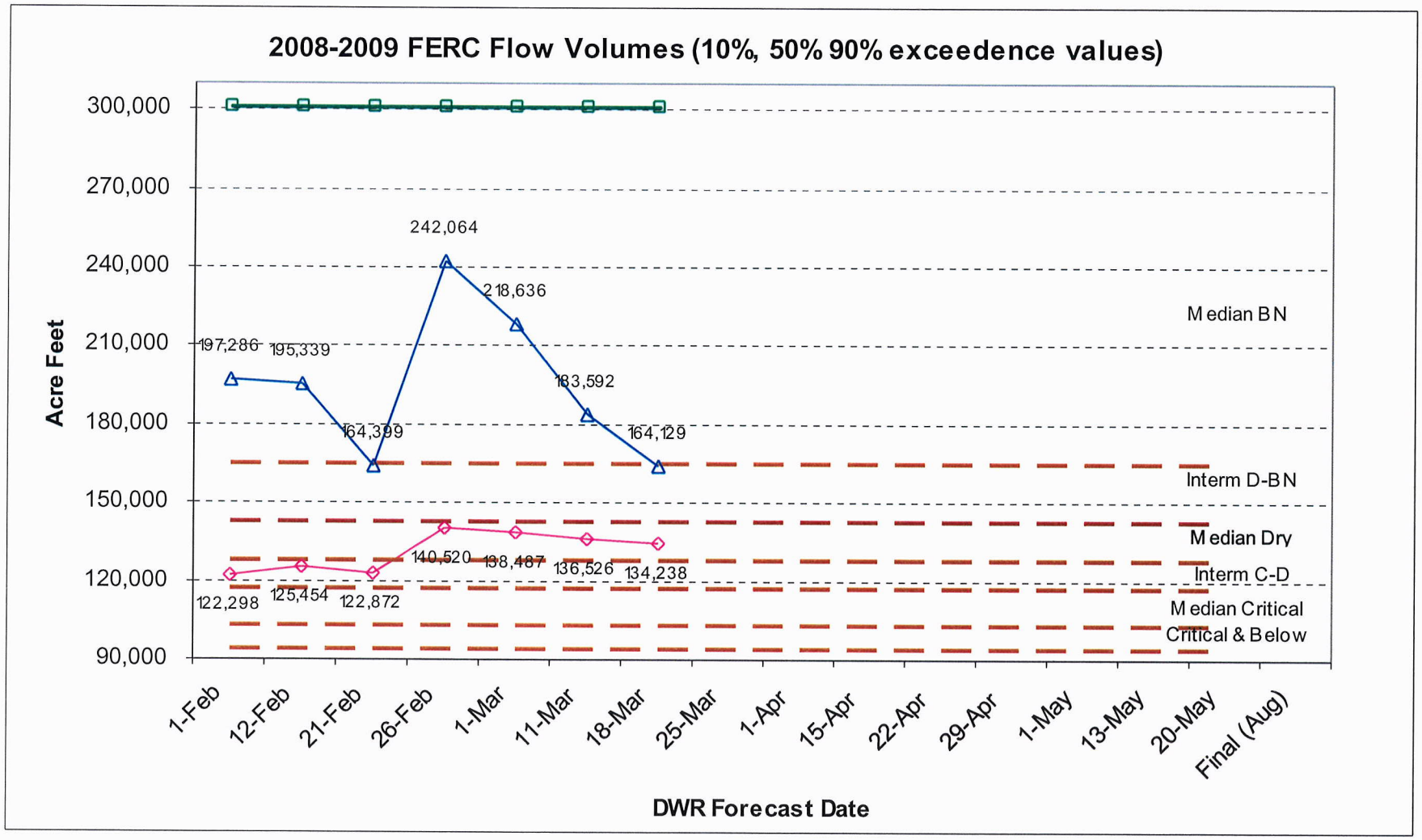
TABLE 3

Tuolumne River Flow Schedule

SCHEDULE FOR 2008 - 2009 Fish Flow Year

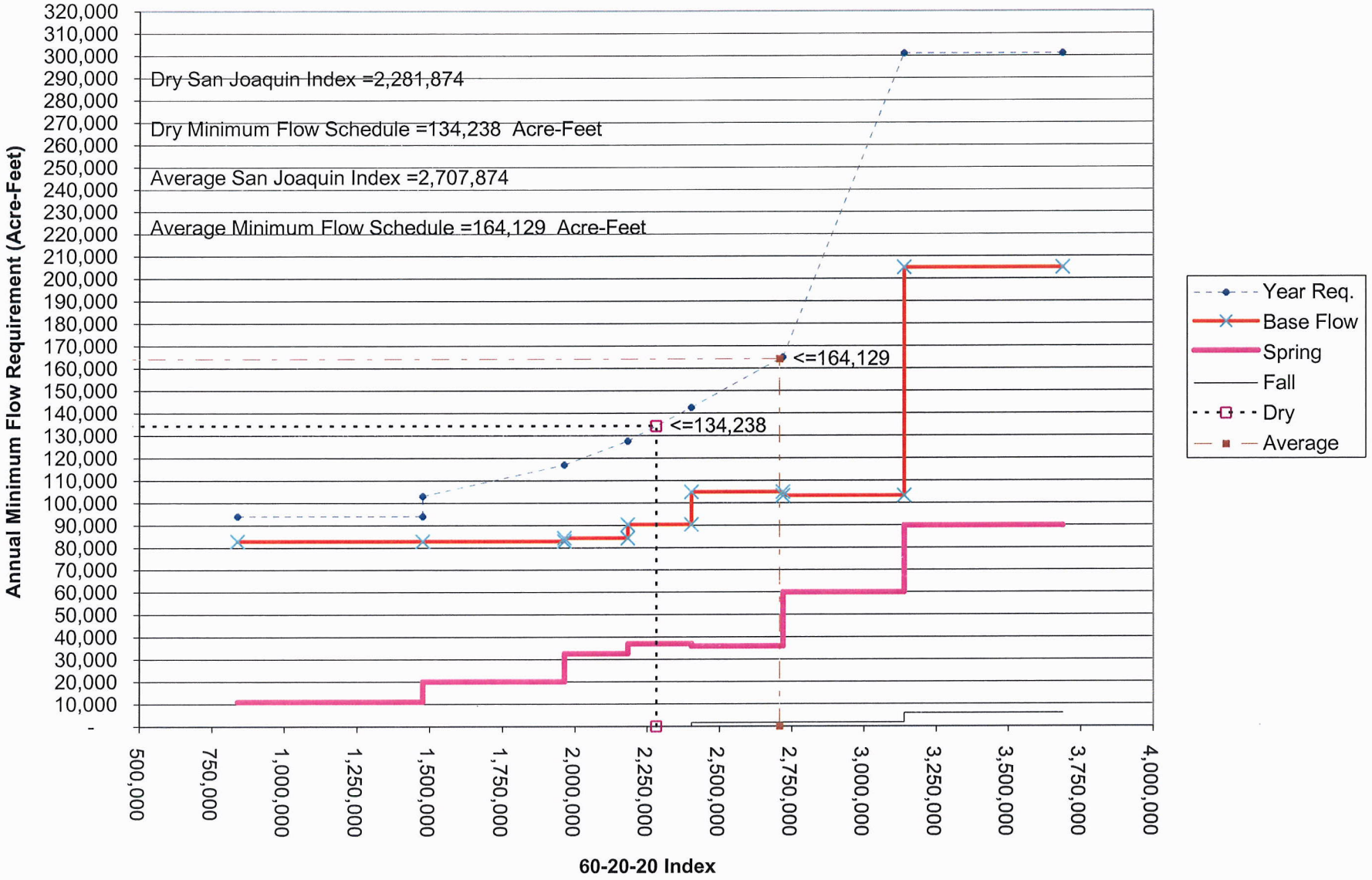
DATE		Number of	Flow for Average										
			Flow			Pulse Flows			Other Adjusted Flow			Total FERC Flow	
From:	To:	DAYS	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	AF	ACCUM. A.F.	CFS	ACCUM. A.F.
15-Apr-2008	15-Apr-2008	1	180	357	357	70	139	139	0	0	0	250	496
16-Apr-2008	16-Apr-2008	1	180	357	714	70	139	278	0	0	0	250	992
17-Apr-2008	17-Apr-2008	1	180	357	1,071	70	139	417	0	0	0	250	1,488
18-Apr-2008	18-Apr-2008	1	180	357	1,428	70	139	555	0	0	0	250	1,983
19-Apr-2008	19-Apr-2008	1	180	357	1,785	70	139	694	0	0	0	250	2,479
20-Apr-2008	20-Apr-2008	1	180	357	2,142	542	1,075	1,769	0	0	0	722	3,912
21-Apr-2008	21-Apr-2008	1	180	357	2,499	542	1,075	2,845	0	0	0	722	5,344
22-Apr-2008	22-Apr-2008	1	180	357	2,856	542	1,075	3,920	0	0	0	722	6,776
23-Apr-2008	23-Apr-2008	1	180	357	3,213	542	1,075	4,995	0	0	0	722	8,208
24-Apr-2008	24-Apr-2008	1	180	357	3,570	542	1,075	6,070	0	0	0	722	9,641
25-Apr-2008	25-Apr-2008	1	180	357	3,927	542	1,075	7,145	0	0	0	722	11,073
26-Apr-2008	26-Apr-2008	1	180	357	4,284	542	1,075	8,221	0	0	0	722	12,505
27-Apr-2008	27-Apr-2008	1	180	357	4,641	542	1,075	9,296	0	0	0	722	13,937
28-Apr-2008	28-Apr-2008	1	180	357	4,998	542	1,075	10,371	0	0	0	722	15,369
29-Apr-2008	29-Apr-2008	1	180	357	5,355	542	1,075	11,446	0	0	0	722	16,802
30-Apr-2008	30-Apr-2008	1	180	357	5,712	542	1,075	12,522	0	0	0	722	18,234
01-May-2008	01-May-2008	1	180	357	6,069	542	1,075	13,597	0	0	0	722	19,666
02-May-2008	02-May-2008	1	180	357	6,426	542	1,075	14,672	0	0	0	722	21,098
03-May-2008	03-May-2008	1	180	357	6,783	542	1,075	15,747	0	0	0	722	22,531
04-May-2008	04-May-2008	1	180	357	7,140	542	1,075	16,822	0	0	0	722	23,963
05-May-2008	05-May-2008	1	180	357	7,498	542	1,075	17,898	0	0	0	722	25,395
06-May-2008	06-May-2008	1	180	357	7,855	542	1,075	18,973	0	0	0	722	26,827
07-May-2008	07-May-2008	1	180	357	8,212	542	1,075	20,048	0	0	0	722	28,260
08-May-2008	08-May-2008	1	180	357	8,569	542	1,075	21,123	0	0	0	722	29,692
09-May-2008	09-May-2008	1	180	357	8,926	542	1,075	22,198	0	0	0	722	31,124
10-May-2008	10-May-2008	1	180	357	9,283	542	1,075	23,274	0	0	0	722	32,556
11-May-2008	11-May-2008	1	180	357	9,640	542	1,075	24,349	0	0	0	722	33,989
12-May-2008	12-May-2008	1	180	357	9,997	542	1,075	25,424	0	0	0	722	35,421
13-May-2008	13-May-2008	1	180	357	10,354	542	1,075	26,499	0	0	0	722	36,853
14-May-2008	14-May-2008	1	180	357	10,711	542	1,075	27,575	0	0	0	722	38,285
15-May-2008	15-May-2008	1	180	357	11,068	542	1,075	28,650	0	0	0	722	39,717
16-May-2008	16-May-2008	1	180	357	11,425	542	1,075	29,725	0	0	0	722	41,150
17-May-2008	17-May-2008	1	180	357	11,782	542	1,075	30,800	0	0	0	722	42,582
18-May-2008	18-May-2008	1	180	357	12,139	542	1,075	31,875	0	0	0	722	44,014
19-May-2008	19-May-2008	1	180	357	12,496	542	1,075	32,951	0	0	0	722	45,446
20-May-2008	20-May-2008	1	180	357	12,853	542	1,075	34,026	0	0	0	722	46,879
21-May-2008	21-May-2008	1	180	357	13,210	420	833	34,859	0	0	0	600	48,069
22-May-2008	22-May-2008	1	180	357	13,567	295	585	35,444	0	0	0	475	49,011
23-May-2008	23-May-2008	1	180	357	13,924	170	337	35,781	0	0	0	350	49,705
24-May-2008	24-May-2008	1	180	357	14,281	70	139	35,920	0	0	0	250	50,201
25-May-2008	25-May-2008	1	180	357	14,638	0	0	35,920	0	0	0	180	50,558
26-May-2008	26-May-2008	1	180	357	14,995	0	0	35,920	0	0	0	180	50,915
27-May-2008	27-May-2008	1	180	357	15,352	0	0	35,920	0	0	0	180	51,272
28-May-2008	28-May-2008	1	180	357	15,709	0	0	35,920	0	0	0	180	51,629
29-May-2008	29-May-2008	1	180	357	16,066	0	0	35,920	0	0	0	180	51,986
30-May-2008	30-May-2008	1	180	357	16,423	0	0	35,920	0	0	0	180	52,343
31-May-2008	31-May-2008	1	130	258	16,681		0	35,920	0	0	0	130	52,601
01-Jun-2008	01-Jun-2008	1	105	208	16,889		0	35,920	0	0	0	105	52,809
02-Jun-2008	02-Jun-2008	1	95	188	17,078		0	35,920	0	0	0	95	52,998
03-Jun-2008	03-Jun-2008	1	75	149	17,226		0	35,920	0	0	0	75	53,146
04-Jun-2008	04-Jun-2008	1	75	149	17,375		0	35,920	0	0	0	75	53,295
05-Jun-2008	30-Jun-2008	26	75	3,868	21,243		0	35,920	0	0	0	75	57,163
01-Jul-2008	31-Jul-2008	31	75	4,612	25,855		0	35,920	0	0	0	75	61,775
01-Aug-2008	31-Aug-2008	31	75	4,612	30,466		0	35,920	0	0	0	75	66,386
01-Sep-2008	10-Sep-2008	10	75	1,488	31,954		0	35,920	0	0	0	75	67,874
11-Sep-2008	13-Sep-2008	3	75	446	32,400		0	35,920	0	0	0	75	68,320
14-Sep-2008	30-Sep-2008	17	75	2,529	34,929		0	35,920	0	0	0	75	70,849
01-Oct-2008	05-Oct-2008	5	180	1,785	36,714		0	35,920	0	0	0	180	72,634
06-Oct-2008	10-Oct-2008	5	180	1,785	38,499	169	1,676	37,596	0	0	0	349	76,095
11-Oct-2008	26-Oct-2008	16	180	5,712	44,212		0	37,596	0	0	0	180	81,808
27-Oct-2008	28-Oct-2008	2	180	714	44,926		0	37,596	0	0	0	180	82,522
29-Oct-2008	29-Oct-2008	1	180	357	45,283		0	37,596	0	0	0	180	82,879
30-Oct-2008	30-Oct-2008	1	180	357	45,640		0	37,596	0	0	0	180	83,236
31-Oct-2008	31-Oct-2008	1	180	357	45,997		0	37,596	0	0	0	180	83,593
01-Nov-2008	16-Nov-2008	16	180	5,712	51,709		0	37,596	0	0	0	180	89,305
17-Nov-2008	30-Nov-2008	14	180	4,998	56,707		0	37,596	0	0	0	180	94,303
01-Dec-2008	31-Dec-2008	31	180	11,068	67,775		0	37,596	0	0	0	180	105,371
01-Jan-2009	31-Jan-2009	31	180	11,068	78,843		0	37,596	0	0	0	180	116,439
01-Feb-2009	28-Feb-2009	28	180	9,997	88,840		0	37,596	0	0	0	180	126,436
01-Mar-2009	31-Mar-2009	31	180	11,068	99,907		0	37,596	0	0	0	180	137,503
01-Apr-2009	14-Apr-2009	14	180	4,998	104,906		0	37,596	0	0	0	180	142,502
No. of days		365	(April 15 through April 14)						Interpolation		21,627		164,129

Figure 1.

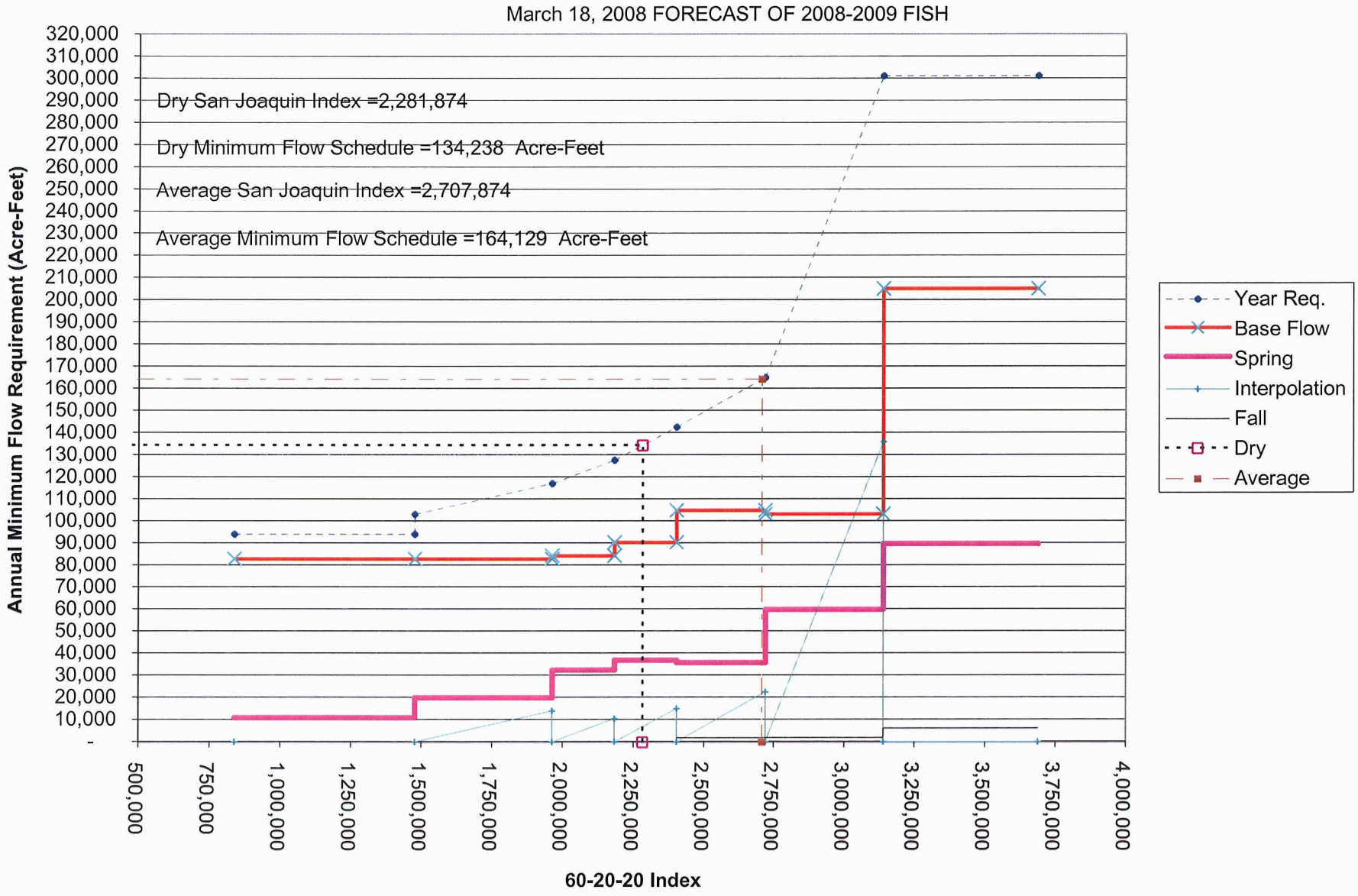

2008-2009 FERC Flow Volumes (10%, 50% 90% exceedence values)
300,000
270,000
240,000
210,000
180,000
150,000
120,000
90,000
Acre Feet
242,064
218,636
197,286
195,339
183,592
164,399
164,129
140,520
138,487
136,526
134,238
125,454
122,872
122,298
Median BN
Interm D-BN
Median Dry
Interm C-D
Median Critical
Critical & Below
1-Feb
12-Feb
21-Feb
26-Feb
1-Mar
11-Mar
18-Mar
25-Mar
1-Apr
15-Apr
22-Apr
29-Apr
1-May
13-May
20-May
Final (Aug)
DWR Forecast Date

TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT (Figure 2)

March 18, 2008 FORECAST OF 2008-2009 FISH YEAR



TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT (Figure 3)



TUOLUMNE RIVER MINIMUM FLOW REQUIREMENT (Summer Base Flow) (Figure 4)

March 18, 2008 FORECAST OF 2008-2009 FISH YEAR