

3 Additional Water Supply Arrangements & Deliveries

The SJRA includes a provision (Paragraph 8.4) stating that “Merced Irrigation District (Merced) shall provide, and the USBR shall purchase 12,500 acre-feet of water...during October of all years.” The SJRA also states in Paragraph 8.4.4 that “Water purchased pursuant to Paragraph 8.4 may be scheduled for months other than October provided Merced, DFG and USFWS all agree.” Pursuant to Paragraph 8.5 of the SJRA, “Oakdale Irrigation District (OID) shall sell 15,000 acre-feet of water to the USBR in every year of (the) Agreement...In addition to the 15,000 acre-feet, Oakdale will sell the difference between the water made available to VAMP under the SJRGA agreement and 11,000 acre-feet.” This water is referred to as the Difference water. The purpose of additional water supply deliveries in the fall months is to provide instream flows to attract and assist adult salmon during spawning.

MERCED IRRIGATION DISTRICT

Paragraph 8.4 of the SJRA states that “Merced Irrigation District (Merced) shall provide, and the USBR shall purchase 12,500 acre-feet of water...during October of all years.” The SJRA also states in Paragraph 8.4.4 that “Water purchased pursuant to Paragraph 8.4 may be scheduled for months other than October provided Merced, DFG and USFWS all agree.” This water is referred to as the Fall SJRA Transfer Water. The daily schedule for the Fall SJRA Transfer Water is developed by the California Department of Fish and Game (DFG), United States Fish and Wildlife Services (USFWS) and Merced ID.

The schedule for the 2005 Fall SJRA Transfer was finalized on September 26, 2005, with the transfer commencing on October 1, 2005. A daily summary table of the Merced 2005 Fall SJRA Transfer is provided as Table 3-1.

OAKDALE IRRIGATION DISTRICT

Pursuant to Paragraph 8.5 of the SJRA, “Oakdale Irrigation District (OID) shall sell 15,000 acre-feet of water to the USBR in every year of (the) Agreement...In addition to the 15,000 acre-feet, Oakdale will sell the difference between the water made available to VAMP under the SJRGA agreement and 11,000 acre-feet.” This water is referred to as the Difference Water.



OID did not provide any supplemental water for the 2005 VAMP operation, therefore the amount of additional water purchased by the USBR from OID was 26,000 acre-feet (15,000 plus 11,000). The OID additional water is made available in New Melones reservoir for use by the USBR for any authorized purpose of the New Melones project.

The OID additional water was released from New Melones Reservoir by the USBR October 1, 2005, and December 1, 2005, as shown in Table 3-2.

Table 3-1
2005 Merced Irrigation District SJRA Fall Water Transfer
Daily Summary (Final)

Date	SCHEDULED				OBSERVED				
	Base Flow (cfs) {1}	Transfer Water		Target Flow [A] (cfs) {4} = {1}+{2}	Observed Flow			Transfer Water	
		Daily Flow Rate (cfs) {2}	Cumulative Volume (ac-ft) {3}		Merced R at Shaffer Bridge [PG&E] (cfs) {5}	Merced R at Cressey [DWR] (cfs) {6}	For Transfer [A] (cfs) {7}	Daily Flow Rate (cfs) {8} = {7}-{1}	Cumulative Volume (ac-ft) {9}
01-Oct-05	30	125	248	155	266	279	266	236	468
02-Oct-05	30	125	496	155	204	202	204	174	813
03-Oct-05	30	125	744	155	190	184	190	160	1,131
04-Oct-05	30	125	992	155	184	176	184	154	1,436
05-Oct-05	30	125	1,240	155	197	190	197	167	1,767
06-Oct-05	30	125	1,488	155	194	193	194	164	2,093
07-Oct-05	30	125	1,736	155	195	196	195	165	2,420
08-Oct-05	30	125	1,983	155	184	191	184	154	2,725
09-Oct-05	30	150	2,281	180	228	230	228	198	3,118
10-Oct-05	30	200	2,678	230	296	287	296	266	3,646
11-Oct-05	30	300	3,273	330	380	350	350	320	4,280
12-Oct-05	30	300	3,868	330	397	370	370	340	4,955
13-Oct-05	30	300	4,463	330	380	360	360	330	5,609
14-Oct-05	30	300	5,058	330	376	356	356	326	6,256
15-Oct-05	30	300	5,653	330	372	354	354	324	6,899
16-Oct-05	85	300	6,248	385	416	387	387	302	7,498
17-Oct-05	85	300	6,843	385	430	404	404	319	8,130
18-Oct-05	85	250	7,339	335	400	381	381	296	8,717
19-Oct-05	85	200	7,736	285	347	343	343	258	9,229
20-Oct-05	85	200	8,132	285	346	332	332	247	9,719
21-Oct-05	85	200	8,529	285	355	339	339	254	10,223
22-Oct-05	85	200	8,926	285	368	351	351	266	10,750
23-Oct-05	85	200	9,322	285	367	357	357	272	11,290
24-Oct-05	85	200	9,719	285	370	349	349	264	11,814
25-Oct-05	85	200	10,116	285	450	410	410	325	12,458
26-Oct-05	85	200	10,512	285	461	428	428	21	12,500
27-Oct-05	85	200	10,909	285	484	443	443		
28-Oct-05	85	200	11,306	285	503	463	463		
29-Oct-05	85	200	11,702	285	490	451	451		
30-Oct-05	85	200	12,099	285	496	455	455		
31-Oct-05	85	200	12,496	285	504	448	448		

[A]: The Technical Appendix to the San Joaquin River Group Division Agreement states that “[T]he Merced River at Shaffer Bridge...will be used for flows between 0 and 300 cfs. ...[F]or the flows above 300 cfs, measurements will be provided at the gage on the Merced River located near Cressey.

Table 3-2
USBR Release of Oakdale Irrigation District SJRA Additional Water

Date	OID SJRA Additional Water		Date	OID SJRA Additional Water	
	Flow Rate (cfs)	Cumulative Volume (ac-ft)		Flow Rate (cfs)	Cumulative Volume (ac-ft)
01-Oct-05	125	248	01-Nov-05	125	18,744
02-Oct-05	125	496	02-Nov-05	125	18,992
03-Oct-05	125	744	03-Nov-05	125	19,240
04-Oct-05	125	992	04-Nov-05	125	19,488
05-Oct-05	125	1,240	05-Nov-05	125	19,736
06-Oct-05	125	1,488	06-Nov-05	125	19,983
07-Oct-05	125	1,736	07-Nov-05	125	20,231
08-Oct-05	125	1,983	08-Nov-05	125	20,479
09-Oct-05	125	2,231	09-Nov-05	125	20,727
10-Oct-05	125	2,479	10-Nov-05	125	20,975
11-Oct-05	125	2,727	11-Nov-05	125	21,223
12-Oct-05	125	2,975	12-Nov-05	125	21,471
13-Oct-05	125	3,223	13-Nov-05	125	21,719
14-Oct-05	125	3,471	14-Nov-05	125	21,967
15-Oct-05	125	3,719	15-Nov-05	125	22,215
16-Oct-05	125	3,967	16-Nov-05	125	22,463
17-Oct-05	125	4,215	17-Nov-05	125	22,711
18-Oct-05	375	4,959	18-Nov-05	125	22,959
19-Oct-05	775	6,496	19-Nov-05	125	23,207
20-Oct-05	775	8,033	20-Nov-05	125	23,455
21-Oct-05	775	9,570	21-Nov-05	125	23,702
22-Oct-05	775	11,107	22-Nov-05	125	23,950
23-Oct-05	775	12,645	23-Nov-05	125	24,198
24-Oct-05	775	14,182	24-Nov-05	125	24,446
25-Oct-05	775	15,719	25-Nov-05	125	24,694
26-Oct-05	525	16,760	26-Nov-05	125	24,942
27-Oct-05	275	17,306	27-Nov-05	125	25,190
28-Oct-05	225	17,752	28-Nov-05	125	25,438
29-Oct-05	125	18,000	29-Nov-05	125	25,686
30-Oct-05	125	18,248	30-Nov-05	125	25,934
31-Oct-05	125	18,496	01-Dec-05	50	26,033

