

Table G-1. Discrete Samples for Total Suspended Solids (mg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	11	27	37	59	73	
	1130–1318		8	48	38	28	36
	1800–1952		9	70	25	36	
	2152–2338		5	1500	55	150	
7/30/2008	0045–0147		8	990	38		
	0232–0315			440	36	220 J	
	0605–0727	8	6	240	69	390	
	0845–1115		9	350	27	310	
	1255–1439		22	530	48	320	
	1600–1707		19	590	60		34
	1818–1936		10	680	18	230	
7/31/2008	2353–0106		9	570	54	300	
	0600–0810	8	< 3	460	44	250	46
	1205–1310		11	390	37	300	
	1749–1845		14	720	32	190	
	2350–0100		9	610	76	150	
8/1/2008	0625–0940	16	11	390	42	190	57
8/4/2008	1230–1540	15	11	330	41	150	51
8/11/2008	1100–1445	6	< 3	58	34	120	41
8/18/2008	0945–1300	7	10	120	45	89	31
8/25/2008	1010–1455	6	8	100	62	80	23
9/2/2008	0950–1335	31	28	160	30		24
9/3/2008	1130					100	
9/8/2008	1130–1515	9	5	130	52	100	24
9/15/2008	0730–1345	< 3	< 3	120	28	69	38

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-2. Discrete Samples for Turbidity (NTU)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	8.9	15	17	21	61	
	1130–1318		12	18	19	17	20
	1800–1952		14	39	16	16	
	2152–2338		12	460	24	160	
7/30/2008	0045–0147		11	290	20		
	0232–0315			160	19	200 J	
	0605–0727	11	12	130	22	120	
	0845–1115		11	73	16	120	
	1255–1439		14	210	20	100	
	1600–1707		17 J	200 J	12 J		23 J
	1818–1936		15 J	270 J	13 J	100 J	
7/31/2008	2353–0106		11 J	190 J	25 J	130 J	
	0600–0810	11 J	12 J	180 J	21 J	110 J	26 J
	1205–1310		13	190	15	140	
	1749–1845		14	280	14	86	
	2350–0100		9.1	240	28	75	
8/1/2008	0625–0940	9.7	12	190	21	99	38
8/4/2008	1230–1540	8.1	10	120	15	55	29
8/11/2008	1100–1445	7	7.5	38	15	36	22
8/18/2008	0945–1300	6.8	8.1	50	20	37	16
8/25/2008	1010–1455	7.2	6.8	37	43	37	17
9/2/2008	0950–1335	14	12	58	13		15
9/3/2008	1130					31	
9/8/2008	1130–1515	9.3	9.2	29	16	27	15
9/15/2008	0730–1345	3.9	4.2	37	13	31	14

Note:

The first sample collected at each location represents measurements prior to the influence of recirculation.

Table G-3. Discrete Samples for Ammonia as Nitrogen (mg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	< 0.1	< 0.1	0.066 J	0.11	0.11	
	1130–1318		< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
	1800–1952		< 0.1	< 0.1	< 0.1	0.12	
	2152–2338		< 0.1	0.69	0.22	0.46	
7/30/2008	0045–0147		< 0.1	0.54	0.066 J		
	0232–0315			0.44	< 0.1	0.26	
	0605–0727	< 0.1	< 0.1	0.13	< 0.1	0.13	
	0845–1115		< 0.1	0.13	< 0.1	0.65	
	1255–1439		< 0.1	0.21	0.077 J	0.18	
	1600–1707		< 0.1	0.23	0.11		0.12
	1818–1936		< 0.1	0.26	0.055 J	0.12	
7/31/2008	2353–0106		< 0.1	0.25	0.16	0.21	
	0600–0810	< 0.1	< 0.1	0.27	0.16	0.2	0.088 J
	1205–1310		< 0.1	0.25	< 0.1	0.2	
	1749–1845		< 0.1	0.49	< 0.1	0.15	
	2350–0100		< 0.1	0.51	< 0.1	0.26	
8/1/2008	0625–0940	< 0.1	< 0.1	0.38	0.055 J	0.29	0.055 J
8/4/2008	1230-1540	< 0.1	< 0.1	0.22	< 0.1	0.077 J	< 0.1
8/11/2008	1100-1445	< 0.1	< 0.1	0.055 J	< 0.1	< 0.1	< 0.1
8/18/2008	0945-1300	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
8/25/2008	1010-1455	< 0.1	< 0.1	0.099 J	< 0.1	< 0.1	< 0.1
9/2/2008	0950-1335	< 0.1	< 0.1	< 0.1	< 0.1		0.088 J
9/3/2008	1130					< 0.1	
9/8/2008	1130-1515	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
9/15/2008	0730-1345	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-4. Discrete Samples for Total Kjeldahl Nitrogen (mg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	0.33	0.62	0.94	1.5	0.99	
	1130–1318		0.23	1.2	1.3	1.1	0.78
	1800–1952		0.29	1.1	1.1	1.2	
	2152–2338		0.18	5.7	1.6	2.6	
7/30/2008	0045–0147		0.35	3.2	1.4		
	0232–0315			2.6	1.4	1.9	
	0605–0727	0.33	0.38	1.5	1.4	1.9	
	0845–1115		0.35	1.4	1.5	1.9	
	1255–1439		0.52	1.4	1.6	1.8	
	1600–1707		1.1	2.2	1.5		1.4
	1818–1936		0.4	2.3	1.4	1.3	
7/31/2008	2353–0106		0.44	1.8	1.3	2	
	0600–0810	0.33	0.27	1.8	1.4	1.7	0.98
	1205–1310		0.35	1.5	1.1	1.6	
	1749–1845		0.68	2.5	1.1	1.5	
	2350–0100		0.46	2.4	1.4	2.2	
8/1/2008	0625–0940	0.42	0.29	1.9	1.1	1.5	0.83
8/4/2008	1230–1540	0.31	0.53	1.4	1.1	1.6	0.94
8/11/2008	1100–1445	0.35	0.26	0.65	1.1	0.92	0.74
8/18/2008	0945–1300	0.45	0.46 U	0.88	1.5	0.86	0.79
8/25/2008	1010–1455	0.53	0.54	0.76	1.3	0.9	0.86
9/2/2008	0950–1335	0.66 U	0.51	0.71	1.2		0.75
9/3/2008	1130					0.94	
9/8/2008	1130–1515	0.42	0.46	0.67	1.2	0.71	0.67
9/15/2008	0730–1345	0.26	0.38	0.63	0.98	0.69	0.53

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-5. Discrete Samples for Biochemical Oxygen Demand (mg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	< 5	< 5	< 5	< 5	< 5	
	1130–1318		< 5	< 5	4.7 J	< 5	< 5
	1800–1952		< 5	< 5	4.9 J	5	
	2152–2338		< 5	10	4.9 J	7	
7/30/2008	0045–0147		< 5	7	4 J		
	0232–0315			7	4.8 J	6	
	0605–0727	< 5	< 5	4.8 J	4.6 J	4.6 J	
	0845–1115		< 5	< 5	4 J	< 5	
	1255–1439		< 5	< 5	5	4.9 J	
	1600–1707		< 5	< 5	6		4.9 J
	1818–1936		< 5	< 5	6	< 5	
7/31/2008	2353–0106		< 5	< 5	< 5	< 5	
	0600–0810	< 5	< 5	< 5	< 5	< 5	< 5
	1205–1310		< 5	< 5	< 5	< 5	
	1749–1845		< 5	< 5	6	< 5	
	2350–0100		< 5	< 5	5	< 5	
8/1/2008	0625–0940	< 5	< 5	< 5	< 5	< 5	< 5
8/4/2008	1230–1540	< 5	< 5	< 5	< 5	< 5	< 5
8/11/2008	1100–1445	< 5	< 5	< 5	4.7 J	< 5	< 5
8/18/2008	0945–1300	< 5	< 5	< 5	< 5	< 5	< 5
8/25/2008	1010–1455	< 5	< 5	< 5	< 5	< 5	< 5
9/2/2008	0950–1335	< 5	< 5	< 5	5		< 5
9/3/2008	1130					< 5	
9/8/2008	1130–1515	NR	NR	NR	NR	NR	NR
9/15/2008	0730–1345	< 5	< 5	< 5	< 5	< 5	< 5

Notes:

Samples that are not reported by the laboratory are indicated by "NR."

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-6. Discrete Samples for Total Organic Carbon (mg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	3	3.2	6.2	6.3	6.3	
	1130–1318		3	6.2	6.3	6.4	4.8
	1800–1952		3.2	6.3	7.1	6.7	
	2152–2338		3.1	8.2	6.5	8.5	
7/30/2008	0045–0147		3.2	8.1	6.3		
	0232–0315			6.7	6.4	6.2	
	0605–0727	3	3	5.1	6.4	5.4	
	0845–1115		3.1	4.3	6.1	5.1	
	1255–1439		3.1	4	6.9	4.9	
	1600–1707		3.5	4.2	7		6.2
	1818–1936		3.1	4	6.7	4.7	
7/31/2008	2353–0106		3	3.9	6.5	5.2	
	0600–0810	3.1	3	3.7	6.2	4.6	4
	1205–1310		2.9	3.4	6.2	4.2	
	1749–1845		3.3	3.8	7	4.8	
	2350–0100		2.9	4.2	6.2	5	
8/1/2008	0625–0940	2.9	2.9	3.9	6	4.8	5
8/4/2008	1230–1540	3	3	4.1	6	4.8	4.7
8/11/2008	1100–1445	3.1	3.1	3.4	5.8	4.1	3.6
8/18/2008	0945–1300	2.9	3.1 U	3.3	6	4	4
8/25/2008	1010–1455	3.1 J	3.1	3.3	5.9	4.2	3.9
9/2/2008	0950–1335	3.3	3.3	3.7	6.3		3.9
9/3/2008	1130					4.1	
9/8/2008	1130–1515	3	2.9	3	8	3.7	3.8
9/15/2008	0730–1345	2.9	3.5	3	5.8	3.7	3.1

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-7. Discrete Samples for Dissolved Arsenic (µg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	2.8	2.8	3.2	5.5	5.4	
	1130–1318		2.7	3.1	5.2	5.4	3.1
	1800–1952		3	3.7	5.9	5.8	
	2152–2338		3	2	5.5	2.4	
7/30/2008	0045–0147		2.4	1.8	5.5		
	0232–0315			1.9	5.4	2.7	
	0605–0727	2.5	2.5	1.8	5.5	2.6	
	0845–1115		2.6	1.7	5.3	2.5	
	1255–1439		2.5	1.5	5.2	2.1	
	1600–1707		2.6	1.5	5.6		2.5
	1818–1936		2.6	1.6	5.1	2.6	
7/31/2008	2353–0106		2.4	1.7	5.1	3.1	
	0600–0810	2.4	2.4	1.9	5	2.7	2.6
	1205–1310		2.7	2	5.6	2.7	
	1749–1845		3	2	6	3.5	
	2350–0100		2.6	2.1	6	3.6	
8/1/2008	0625–0940	2.7	2.6	2.3	5.5	3.6	3
8/4/2008	1230–1540	2.6	2.5	2.4	4.5	3.5	3.2
8/11/2008	1100–1445	2.9	2.8	2.8	5.4	3.3	3.1
8/18/2008	0945–1300	2.8	2.6	2.6	5.1	3.3	3.2
8/25/2008	1010–1455	2.7	2.7	2.7	5.7	3.4	3
9/2/2008	0950–1335	2.7	2.7	2.4	5.2		2.7
9/3/2008	1130					3	
9/8/2008	1130–1515	2.9	2.8	2.5	5.7	3	2.9
9/15/2008	0730–1345	2.7	2.9	2.6	4.6	3.1	2.8

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-8. Discrete samples for Dissolved Copper (µg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	1.5	1.8	1.6	2.1	2.1	
	1130–1318		1.4	1.9	1.6	2.2	1.7
	1800–1952		1.8	2.3	2.3	2.3	
	2152–2338		1.7	1.7	1.6	1.4	
7/30/2008	0045–0147		1.4	1.1	1.8		
	0232–0315			1.1	1.5	1.2	
	0605–0727	1.3	1.5	1	1.6	1	
	0845–1115		1.6	0.9	1.6	1.2	
	1255–1439		1.4	0.9	1.7	1	
	1600–1707		1.5	0.8	1.8		1.7
	1818–1936		1.4	0.9	1.8	1.1	
7/31/2008	2353–0106		1.5	0.9	1.7	1.2	
	0600–0810	1.4	1.3	0.9	1.4	1.1	1.8
	1205–1310		1.6	0.9	1.6	1	
	1749–1845		1.9	1	1.8	1.2	
	2350–0100		1.6	1	1.7	1.1	
8/1/2008	0625–0940	1.5	1.5	1	1.7	1.3	1.7
8/4/2008	1230–1540	1.5	1.5	1	2	1.4	2
8/11/2008	1100–1445	1.2	1.3	1.1	1.5	1	1.3
8/18/2008	0945–1300	1.4	1.4	1.1	1.8	1.3	1.7
8/25/2008	1010–1455	1.4	1.4	1.1	1.5	1.2	1.7
9/2/2008	0950–1335	1.2	1.3	0.9	1.4		1.3
9/3/2008	1130						
9/8/2008	1130–1515	1.2	1.3	1.2	1.2	1.3	1.6
9/15/2008	0730–1345	1	1.4	0.8	0.9	0.9	1.2

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-9. Discrete Samples for Dissolved Mercury (ng/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	0.7	1	3.1	1.6	1.6	
	1130–1318		1.2	4	1.4	1.9	1.5
	1800–1952		1.1	4.3	1.6	1.7	
	2152–2338		1.1	2.1	1.6	2.1	
7/30/2008	0045–0147		0.9	2.2	1.6		
	0232–0315			2.1	1.3	2	
	0605–0727	0.8	0.8	1.8	1.6	1.7	
	0845–1115		0.8	1.4	1.5	1.4	
	1255–1439		1	1.6	1.4	1.7	
	1600–1707		1.2	1.5	1.5		2.1
	1818–1936		1.3	1.3	1.4	1.6	
7/31/2008	2353–0106		0.9	1.5	1.8	1.5	
	0600–0810	0.8	0.9	0.9	1.4	1.5	1.1
	1205–1310		1.1	1.2	1.2	1.1	
	1749–1845		1.1	1	1.1	1.4	
	2350–0100		1.1	1.2	1.5	1.3	
8/1/2008	0625–0940	0.8	0.7	1.1	1.3	1.1 J	1.5
8/4/2008	1230–1540	0.9	1.2	1.4	1.3	1.2	1.4
8/11/2008	1100–1445	0.7	0.8	1.9	1	1.3	1.4
8/18/2008	0945–1300	0.7	1.9	1.5	1.6	1.3	1.3
8/25/2008	1010–1455	0.9	1.9	1.7	1.2	1.3	1.3
9/2/2008	0950–1335	0.8	1.2	1.2	1.5		1.2
9/3/2008	1130					1.4	
9/8/2008	1130–1515	0.6	0.9	0.9	1.5	1	1.2
9/15/2008	0730–1345	0.7	0.9	1	1.4	1.3	1.1

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-10. Discrete Samples for Total Mercury (ng/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	2.3	4.8	12	7.7	8.7	
	1130–1318		3.1	14	6.3	9	6.6
	1800–1952		3.4	18	5.6	6	
	2152–2338		2.9	370	6.9	36	
7/30/2008	0045–0147		3.3	260	5.8		
	0232–0315			120	6.1	48	
	0605–0727	2.9	3	78	5.8	78	
	0845–1115		3.1	100	5.6	85	
	1255–1439		3.1	84	5.6	130	
	1600–1707		3.9	4.8	5.3		7.4
	1818–1936		4.4	140	200	59	
7/31/2008	2353–0106		2.8	96	6.2	59	
	0600–0810	2.5	2.8	130 J	6.2	40	8.8
	1205–1310		3.8	95	5	120	
	1749–1845		4.4	170	5.7	60	
	2350–0100		2.8	170	8.8	38	
8/1/2008	0625–0940	3.6	2.5	160	7.3	71	11
8/4/2008	1230–1540	4	5.5	82	4.3	33	9.7
8/11/2008	1100–1445	2.2	2.2	21	5.5	27	9.2
8/18/2008	0945–1300	2	2.7	30	7.2	18	7.5
8/25/2008	1010–1455	2.7	2.7	20	6.8	22	6.6
9/2/2008	0950–1335	5.5	5.9	29	5.3		6.5
9/3/2008	1130					21	
9/8/2008	1130–1515	2.7	2.9	21	7.7	20	6.7
9/15/2008	0730–1345	1.5	1.4	22	5.9	24	6.7

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-11. Discrete Samples for Total Aluminum (µg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	460	740	1200	1100	4500	
	1130–1318		510	810	770	700	940
	1800–1952		670	2200	140	650	
	2152–2338		560	29000	1100	5000	
7/30/2008	0045–0147		570	11000	840		
	0232–0315			9600	880	4500	
	0605–0727	550	210 J	5500	1400	1300	
	0845–1115		200	6900	790	6400	
	1255–1439		560	7200	580	6600	
	1600–1707		720	15000	1100		1100
	1818–1936		700	12000	860	5100	
7/31/2008	2353–0106		550	12000	1300	7000	
	0600–0810	560	560	11000	1200	6600	2000
	1205–1310		610	9900	760	7700	
	1749–1845		740	16000	650	5400	
	2350–0100		490	15000	1400	7200	
8/1/2008	0625–0940	610	560	8700	1300	5000	1900
8/4/2008	1230–1540	690	650	7400	1200	4100	1600
8/11/2008	1100–1445	280	190	2100	910	2500	1000
8/18/2008	0945–1300	230	530	3200	1200	2300	930
8/25/2008	1010–1455	330	290	2300	1700	1800	780
9/2/2008	0950–1335	860	930	2700	950		940
9/3/2008	1130					2100	
9/8/2008	1130–1515	500	520	3100	980	2600	980
9/15/2008	0730–1345	200	160	2800	1000	2200	900

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-12. Discrete Samples for Total Selenium (µg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	0.14 J	0.15 J	0.54	2.2	2.1	
	1130–1318		0.17 J	0.68	2.3	2.1	1.2
	1800–1952		0.14 J	0.7	2.2	2.2	
	2152–2338		0.13 J	1.8	2.1	1.3	
7/30/2008	0045–0147		0.14 J	0.88	2.1		
	0232–0315			0.79	2.1	1	
	0605–0727	0.15 J	0.11 J	0.49	2	0.76	
	0845–1115		0.17 J	0.54	1.9	1	
	1255–1439		0.16 J	0.46	2	1	
	1600–1707		0.18 J	0.73	2.3		0.87
	1818–1936		0.19 J	0.68	1.9	1.1	
7/31/2008	2353–0106		0.14 J	0.7	2.9	1.2	
	0600–0810	0.14 J	0.14 J	0.66	3.8	1.6	0.89
	1205–1310		0.15 J	0.47	1.8	1.2	
	1749–1845		0.19 J	0.74	1.7	1	
	2350–0100		0.13 J	0.68	2.3	1.3	
8/1/2008	0625–0940	0.48	0.13 J	0.49	2.7	1.6	0.82
8/4/2008	1230–1540	0.13 J	0.14 J	0.4	2.5	1.6	1.4
8/11/2008	1100–1445	0.13 J	0.12 J	0.26	2.4	0.92	0.78
8/18/2008	0945–1300	0.14 J	0.15 J	0.26	2	0.72	0.87
8/25/2008	1010–1455	0.12 J	0.13 J	0.23	1.5	0.54	0.48
9/2/2008	0950–1335	0.13 J	0.13 J	0.23	4.4		0.65
9/3/2008	1130					1.4	
9/8/2008	1130–1515	0.21	0.21	0.23	2.9	0.71	0.57
9/15/2008	0730–1345	0.11 J	0.13 J	0.29	2	0.62	0.44

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-13. Discrete Samples for Total Boron (µg/L)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	88	97	780	1400	1200	
	1130–1318		100	860	1300	1300	800
	1800–1952		110	790	1400	1200	
	2152–2338		96	640	1300	740	
7/30/2008	0045–0147		110	340	1200		
	0232–0315			260	1200	560	
	0605–0727	89	110	210	1300	540	
	0845–1115		130	190	1200	520	
	1255–1439		130	160	1200	460	
	1600–1707		130	140	1200		540
	1818–1936		120	150	1300	490	
7/31/2008	2353–0106		97	160	1500	560	
	0600–0810	79	76	180	1800	680	400
	1205–1310		98	160	1100	530	
	1749–1845		160	150	1000	520	
	2350–0100		110	190	1300	710	
8/1/2008	0625–0940	110	100	180	1300	780	430
8/4/2008	1230–1540	130	110	180	1000	730	700
8/11/2008	1100–1445	92	96	160	1300	440	370
8/18/2008	0945–1300	120	120	150	1200	470	440
8/25/2008	1010–1455	96	97	130	860	360	310
9/2/2008	0950–1335	110	110	140	1800		340
9/3/2008	1130					550	
9/8/2008	1130–1515	180	170	130	1700	390	360
9/15/2008	0730–1345	110	120	180	1100	430	280

Note:

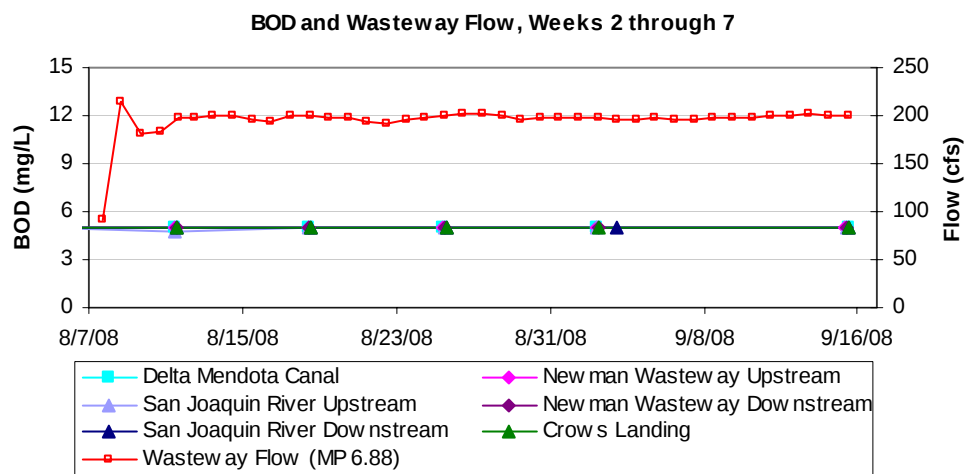
The first sample collected at each location represents concentrations prior to the influence of recirculation.

Table G-14. Discrete Samples for Hardness (mg/L CaCO₃)

Date	Time	Sample Site					
		Delta Mendota Canal	Newman Wasteway Upstream	Newman Wasteway Downstream	San Joaquin River Upstream	San Joaquin River Downstream	Crows Landing
7/29/2008	0540–0815	96	110	470	400	400	
	1130–1318		88	480	400	370	320
	1800–1952		120	440	350	390	
	2152–2338		130	520	420	370	
7/30/2008	0045–0147		240	320	380		
	0232–0315			270	390	290	
	0605–0727	150	240	280	440	280	
	0845–1115		200	210	370	280	
	1255–1439		180	190	390	260	
	1600–1707		140	290	390		330
	1818–1936		240	210	400	240	
7/31/2008	2353–0106		190	190	450	300	
	0600–0810	180	200	250	460	300	240
	1205–1310		210	240	410	290	
	1749–1845		230	410	470	310	
	2350–0100		140	240	430	380	
8/1/2008	0625–0940	160	170	310	440	350	280
8/4/2008	1230–1540	200	210	230	330	340	310
8/11/2008	1100–1445	230	200	180	490	260	250
8/18/2008	0945–1300	130	170	120	300	170	210
8/25/2008	1010–1455	96	92	140	360	190	210
9/2/2008	0950–1335	110	100	190	470		220
9/3/2008	1130					230	
9/8/2008	1130–1515	120	120	140	500	200	240
9/15/2008	0730–1345	120	100	220	400	120	180

Note:

The first sample collected at each location represents concentrations prior to the influence of recirculation.



Note: For the purpose of display, non-detect data was assumed to have concentrations equal to the reporting limit (5 mg/L).

Figure G-1. Discrete Samples for Biological Oxygen Demand

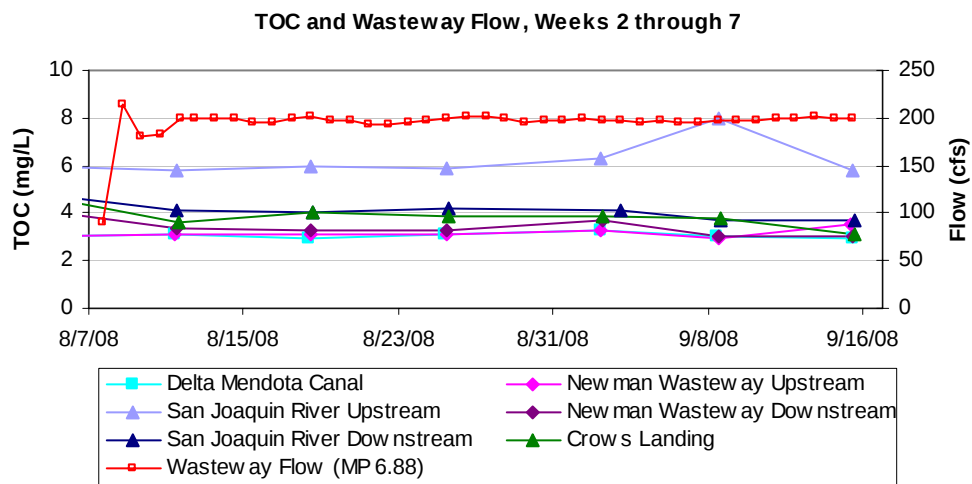


Figure G-2. Discrete Samples for Total Organic Carbon

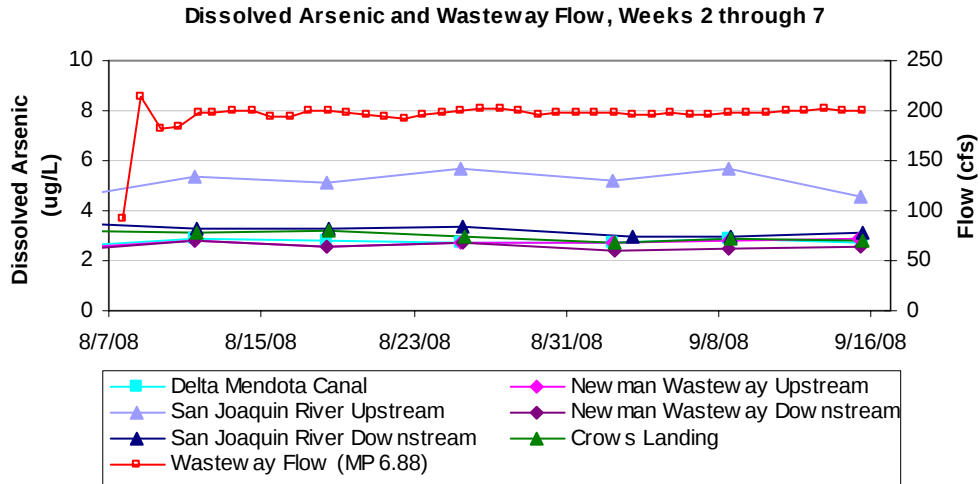


Figure G-3. Discrete Samples for Dissolved Arsenic

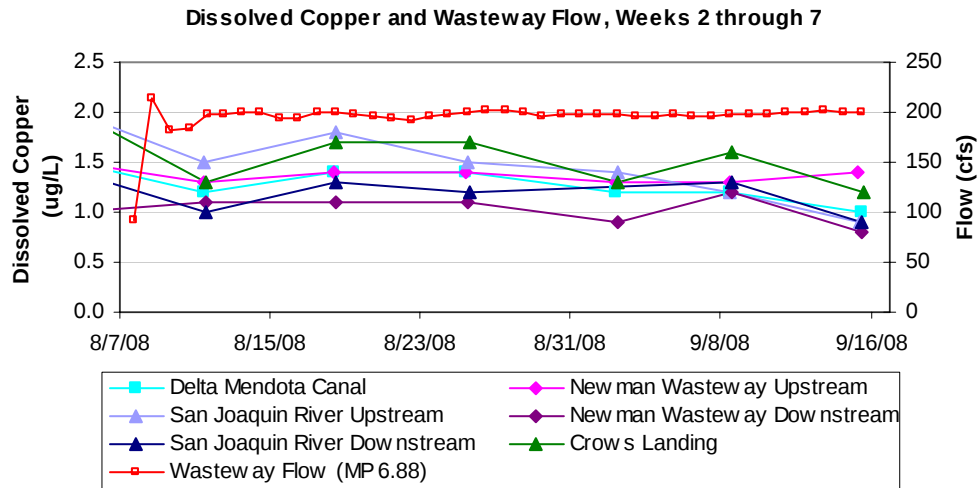


Figure G-4. Discrete Samples for Dissolved Copper

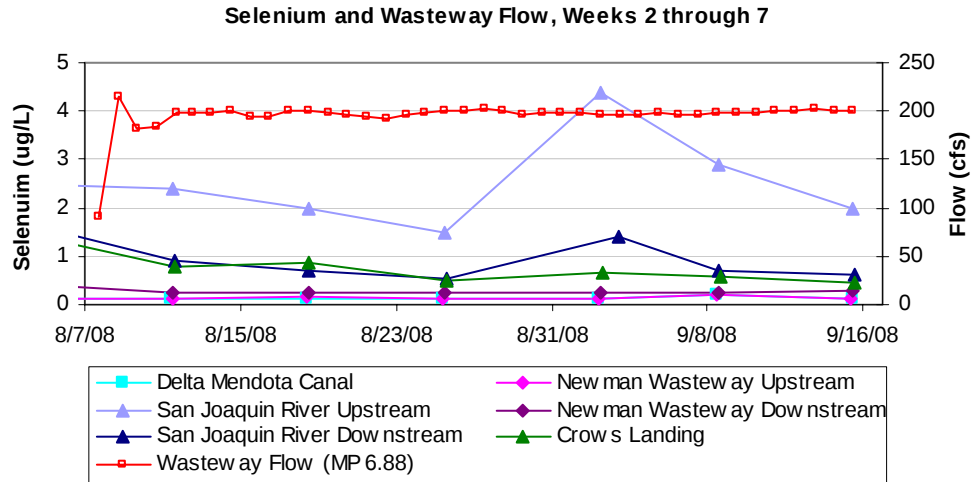


Figure G-5. Discrete Samples for Total Selenium

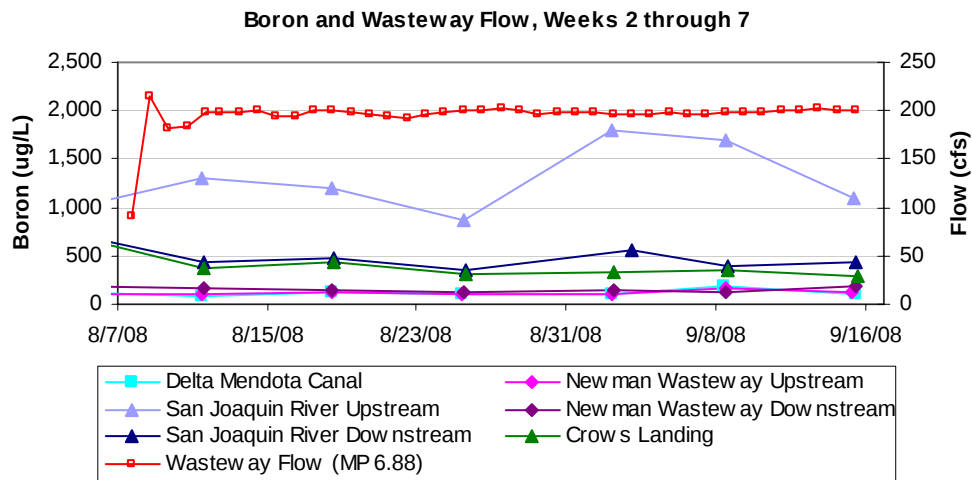


Figure G-6. Discrete Samples for Total Boron

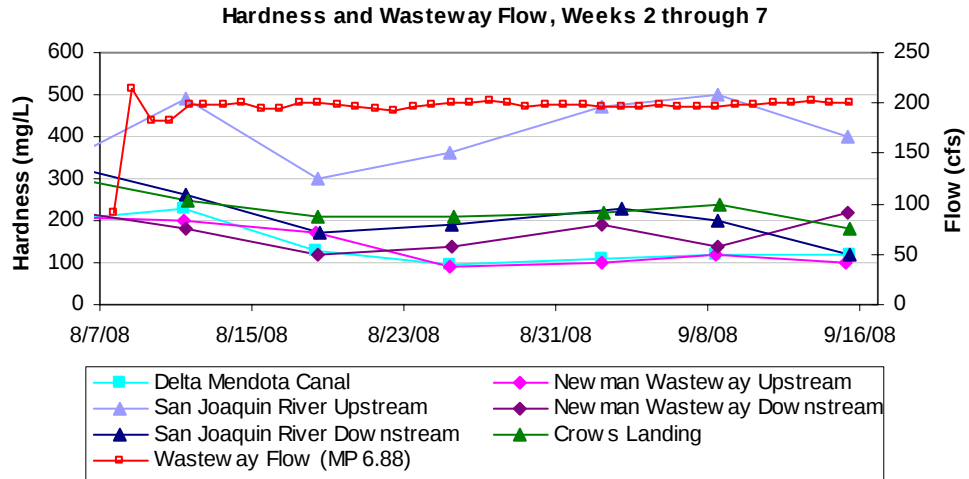


Figure G-7. Discrete Samples for Hardness