

Table C-1. Surface Water Quality Monitoring Data

Station ID	Sample ID	Permit Station?	CAS Lab SDG	ALS Lab Number	Collection Contractor	Sample Event	Date	Time	In situ (field measurements)					Calculated Test
									Temperature (deg C)	Conductivity (uS/cm)	DO (mg/L)	Turbidity (NTU)	pH (SU)	TDS _{calc.} (mg/L)
WQ-04	WQ4	Yes			Knight Piesold	October 1996 II	10/16/1996		--	--	--	--	--	16.5
WQ-04	WQ4	Yes			Knight Piesold	September 1997	9/3/1997		--	--	--	--	--	5.1
WQ-04	WQ4	Yes		V7277	Knight Piesold	April 2005 II	4/20/2005		--	--	--	--	--	12.3
WQ-04	WQ4	Yes		X2213	Knight Piesold	February 2006 II	2/15/2006		2.76	57	15.8	--	6.42	32.1
WQ-04	WQ4	Yes		X5977	Knight Piesold	May 2006 II	5/16/2006	08:08	4.36	22	18.36	--	5.83	12.7
WQ-04	WQ4	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	11:05	10.45	40	11.48	--	6.73	24.3
WQ-04	WQ4	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	13:30	8.48	70	11.59	22	6.6	34.1
WQ-04	WQ4	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	09:25	5.27	30	11.26	42	4.08	13.4
WQ-04	WQ4	Yes		L482967	Knight Piesold	February 2007	2/26/2007	08:41	1.42	55	12.8	15	6.45	33.6
WQ-04	WQ4	Yes		L495369	Knight Piesold	April 2007	4/10/2007	09:26	2.14	33	13.03	38.4	6.76	20.7
WQ-04	WQ4	Yes		L507191	Knight Piesold	May 2007	5/14/2007	14:05	4.18	29	13	11.8	6.64	18.5
WQ-04	WQ4	Yes		L515743	Knight Piesold	June 2007	6/4/2007	16:13	6.43	15	13.15	10	6.69	11.6
WQ-04	WQ4	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	13:35	8.78	44	12.14	0.6	7.09	25.6
WQ-04	WQ4	Yes	K0706569		Integral	July 2007 II	7/24/2007	14:12	9.41	64	11.89	16	6.89	37.8
WQ-04	WQ4	Yes	K0707317		Integral	August 2007 I	8/14/2007	13:25		87	11.77	4.5	7.26	50.9
WQ-04	WQ4	Yes	K0707782		Integral	August 2007 II	8/27/2007	10:00	9.7	61	12.7	6.2	6.6	36.3
WQ-04	WQ4	Yes	K0708240		Integral	September 2007 I	9/11/2007	11:25	9.51	75	12	3	7.39	45.7
WQ-04	WQ4	Yes	K0709126		Integral	September 2007 II	10/2/2007	11:35	8.2	38	12.88	6.5	6.52	21.5
WQ-04	WQ4	Yes	K0709804		Integral	October 2007	10/17/2007	10:30	6.29	27	15.05	17.7	6.73	13.6
WQ-04	WQ4	Yes	K0710773		Integral	November 2007	11/13/2007	11:30	4.15	57	13.4	6	7.19	31.4
WQ-04	WQ4	Yes	K0711891		Integral	December 2007 I	12/15/2007	14:10	1.36	46	15.13	26.5	6.5	23.2
WQ-04	WQ4	Yes	K0800335		Integral	January 2008	1/9/2008	11:40	1.09	84	15.96	43.5	7.12	43.0
WQ-04	WQ4	Yes	K0801400		Integral	February 2008	2/14/2008	13:55	1.24	52	15.11	59.7	6.73	34.6
WQ-04	WQ4	Yes	K0802328		Integral	March 2008	3/15/2008	11:30	1.8	49	13.66	4	6.39	24.1
WQ-04	WQ4	Yes	K0803239		Integral	April 2008	4/14/2008	15:50	3.2	68	14.12	11.7	6.85	32.3
WQ-04	WQ4	Yes	K0804080		Integral	May 2008	5/8/2008	9:40	4.1	58	13.5	15.7	6.81	28.9
WQ-04	WQ4	Yes	K0805877		Integral	June 2008	6/28/2008	9:05	7.3	29	12.96	4.6	5.89	15.4
WQ-04	WQ4	Yes	K0806880		Integral	July 2008	7/24/2008	15:45	9.8	68	11.3	24.3	6.82	32.3
WQ-04	WQ4	Yes	K0810253		Integral	October 2008	10/15/2008	14:10	8	50	11.61	4.4	6.72	
WQ-06	WQ6	Yes			Knight Piesold	October 1996 II	10/16/1996		--	--	--	--	--	9.7
WQ-06	WQ6	Yes			Knight Piesold	September 1997	9/3/1997		--	--	--	--	--	6.0
WQ-06	WQ6	Yes		V7277	Knight Piesold	April 2005 II	4/20/2005		--	--	--	--	--	10.2
WQ-06	WQ6	Yes		X2213	Knight Piesold	February 2006 II	2/15/2006		2.15	39	16.16	--	6.51	22.5
WQ-06	WQ6	Yes		X5977	Knight Piesold	May 2006 II	5/16/2006	09:44	5.8	33	13.22	--	5.91	19.1
WQ-06	WQ6	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	10:45	10.03	25	11.52	--	6.36	14.1
WQ-06	WQ6	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	14:50	8.27	40	11.58	11	6.22	19.4
WQ-06	WQ6	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	09:00	4.92	20	11.77	85	4.1	9.5
WQ-06	WQ6	Yes		L482967	Knight Piesold	February 2007	2/26/2007	09:46	0.87	37	12.54	8	6.25	21.4
WQ-06	WQ6	Yes		L495369	Knight Piesold	April 2007	4/10/2007	10:38	1.65	24	13.06	7.4	5.16	15.1
WQ-06	WQ6	Yes		L507191	Knight Piesold	May 2007	5/14/2007	14:45	3.45	22	13.24	12.1	6.78	12.6
WQ-06	WQ6	Yes		L515743	Knight Piesold	June 2007	6/4/2007	16:45	4.8	9	13.35	8	6.75	7.7
WQ-06	WQ6	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	14:15	7.78	20	12.45	0.9	6.97	12.7
WQ-06	WQ6	Yes	K0706569		Integral	July 2007 II	7/24/2007	14:47	9.12	32	12.03	14.4	7	18.2
WQ-06	WQ6	Yes	K0707317		Integral	August 2007 I	8/14/2007	14:00	10.31	52	11.73	4.9	7.14	31.3

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Station ID	Sample ID	Permit Station?	CAS Lab SDG	ALS Lab Number	Collection Contractor	Sample Event	Date	Time	In situ (field measurements)					Calculated Test
									Temperature (deg C)	Conductivity (uS/cm)	DO (mg/L)	Turbidity (NTU)	pH (SU)	TDS _{calc.} (mg/L)
WQ-06	WQ6	Yes	K0707782		Integral	August 2007 II	8/27/2007	10:45	9.73	45	12.48	5.2	6.47	25.5
WQ-06	WQ6	Yes	K0708240		Integral	September 2007 I	9/11/2007	12:15	9.53	43	11.76	1.9	7.22	25.4
WQ-06	WQ6	Yes	K0709126		Integral	September 2007 II	10/2/2007	12:00	7.83	24	12.89	4.5	5.98	17.5
WQ-06	WQ6	Yes	K0709804		Integral	October 2007	10/17/2007	09:40	6.74	19	14.88	11.5	5.96	9.6
WQ-06	WQ6	Yes	K0710773		Integral	November 2007	11/13/2007	11:00	3.85	35	13.5	1.5	7.05	16.5
WQ-06	WQ6	Yes	K0711891		Integral	December 2007 I	12/15/2007	13:20	1.46	29	15.14	12	6.08	16.4
WQ-06	WQ6	Yes	K0800335		Integral	January 2008	1/9/2008	11:05	0.53	54	15.87	4.2	6.8	26.0
WQ-06	WQ6	Yes	K0801400		Integral	February 2008	2/14/2008	9:45	1.62	37	15.27	7.4	5.98	19.6
WQ-06	WQ6	Yes	K0802328		Integral	March 2008	3/15/2008	10:40	1.8	33	13.74	0	7.38	18.3
WQ-06	WQ6	Yes	K0803239		Integral	April 2008	4/14/2008	14:40	2.8	51	13.9	0	6.3	19.9
WQ-06	WQ6	Yes	K0804080		Integral	May 2008	5/8/2008	8:45	3.2	40	13.67	1.4	5.62	15.8
WQ-06	WQ6	Yes	K0805877		Integral	June 2008	6/28/2008	9:10	5.9	16	13.37	3.5	5.53	8.6
WQ-06	WQ6	Yes	K0806880		Integral	July 2008	7/24/2008	15:00	8.8	31	11.72	1	6.65	14.5
WQ-06	WQ6	Yes	K0810253		Integral	October 2008	10/15/2008	10:40	7.5	31	11.64	3.4	5.7	
WQ-07	WQ7	Yes		X2213	Knight Piesold	February 2006 II	2/15/2006		2.15	39	16.95	--	5.2	21.5
WQ-07	WQ7	Yes		X5977	Knight Piesold	May 2006 II	5/16/2006	14:38	5.19	19	13.64	--	5.46	10.3
WQ-07	WQ7	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	13:30	10	25	12.2	--	6.28	15.0
WQ-07	WQ7	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	16:00	8.24	40	11.72	93	6.11	19.5
WQ-07	WQ7	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	12:45	--	--	--	--	--	8.7
WQ-07	WQ7	Yes		L482967	Knight Piesold	February 2007	2/26/2007	11:20	0.95	36	12.69	9.5	6.28	20.3
WQ-07	WQ7	Yes		L495369	Knight Piesold	April 2007	4/10/2007	16:22	1.55	23	12.92	41.2	6.8	15.2
WQ-07	WQ7	Yes		L507191	Knight Piesold	May 2007	5/14/2007	15:15	5.87	113	12.47	6.1	6.97	12.3
WQ-07	WQ7	Yes		L515743	Knight Piesold	June 2007	6/4/2007	17:41	4.87	9	13.36	7.7	6.65	8.3
WQ-07	WQ7	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	15:10	7.53	19	12.24	4.2	7.31	12.7
WQ-07	WQ7	Yes	K0706569		Integral	July 2007 II	7/24/2007	15:31	8.82	31	12.21	14.1	7.13	17.3
WQ-07	WQ7	Yes	K0707317		Integral	August 2007 I	8/14/2007	14:50	10.3	51	11.92	4	7.2	30.8
WQ-07	WQ7	Yes	K0707782		Integral	August 2007 II	8/27/2007	12:00	9.3	45	12.79	10.6	6.77	25.4
WQ-07	WQ7	Yes	K0708240		Integral	September 2007 I	9/11/2007	13:15	9.39	41	11.92	5.2	7.45	24.5
WQ-07	WQ7	Yes	K0709126		Integral	September 2007 II	10/2/2007	12:30	7.5	22	13.08	25.9	6.18	11.9
WQ-07	WQ7	Yes	K0709804		Integral	October 2007	10/17/2007	11:35	5.81	19	15.31	8	6.28	10.2
WQ-07	WQ7	Yes	K0710773		Integral	November 2007	11/13/2007	12:10	3.55	33	13.57	3.1	7.12	16.6
WQ-07	WQ7	Yes	K0711891		Integral	December 2007 I	12/15/2007	14:50	1.32	27	15.16	9.3	6.37	13.7
WQ-07	WQ7	Yes	K0800335		Integral	January 2008	1/9/2008	12:30	0.55	53	16.11	5.5	7.14	26.9
WQ-07	WQ7	Yes	K0801400		Integral	February 2008	2/14/2008	10:25	1.42	35	15.33	59.6	6.03	16.9
WQ-07	WQ7	Yes	K0802328		Integral	March 2008	3/15/2008	12:40	1.9	33	13.61	0	7.06	17.2
WQ-07	WQ7	Yes	K0803239		Integral	April 2008	4/14/2008	17:00	2.6	51	14.07	34.3	6.89	20.1
WQ-07	WQ7	Yes	K0804080		Integral	May 2008	5/8/2008	10:30	3.3	38	13.41	8	6.95	15.6
WQ-07	WQ7	Yes	K0805877		Integral	June 2008	6/28/2008	10:30	5.9	15	13.1	2.8	5.87	8.1
WQ-07	WQ7	Yes	K0806880		Integral	July 2008	7/24/2008	16:15	8.4	31	11.68	0.2	7.13	14.1
WQ-08	WQ8	Yes		X2213	Knight Piesold	February 2006 II	2/15/2006		2.8	57	15.88	--	6.23	32.1
WQ-08	WQ8	Yes		X5977	Knight Piesold	May 2006 II	5/17/2006	07:42	4.49	17	12.96	--	5.93	11.4
WQ-08	WQ8	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	14:40	10.02	40	11.92	--	6.77	21.7
WQ-08	WQ8	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	16:20	8.95	50	11.06	11	6.44	26.6
WQ-08	WQ8	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	13:00	--	--	--	--	--	11.7

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Station ID	Sample ID	Permit Station?	CAS Lab SDG	ALS Lab Number	Collection Contractor	Sample Event	Date	Time	In situ (field measurements)					Calculated Test
									Temperature (deg C)	Conductivity (uS/cm)	DO (mg/L)	Turbidity (NTU)	pH (SU)	TDS _{calc.} (mg/L)
WQ-08	WQ8	Yes		L482967	Knight Piesold	February 2007	2/26/2007	11:35	2.03	37	12.59	9.3	6.22	26.3
WQ-08	WQ8	Yes		L495369	Knight Piesold	April 2007	4/10/2007	16:31	1.64	33	12.76	8.4	6.9	21.4
WQ-08	WQ8	Yes		L507191	Knight Piesold	May 2007	5/14/2007	15:50	3.51	36	12.91	8.2	7.12	22.5
WQ-08	WQ8	Yes		L515743	Knight Piesold	June 2007	6/4/2007	17:19	6.08	13	13.25	8.6	6.49	10.5
WQ-08	WQ8	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	15:25	7.08	41	12.57	2.5	7.11	22.3
WQ-08	WQ8	Yes	K0706569		Integral	July 2007 II	7/24/2007	15:16	9.21	53	11.99	14.8	7.06	27.3
WQ-08	WQ8	Yes	K0707317		Integral	August 2007 I	8/14/2007	14:30	9.54	65	11.84	3.9	7.12	36.2
WQ-08	WQ8	Yes	K0707782		Integral	August 2007 II	8/27/2007	11:35	9.38	49	12.36	5.9	6.5	29.4
WQ-08	WQ8	Yes	K0708240		Integral	September 2007 I	9/11/2007	13:35	8.93	53	11.88	3	7.24	32.5
WQ-08	WQ8	Yes	K0709126		Integral	September 2007 II	10/2/2007	12:50	7.91	25	12.82	7.4	6.21	14.9
WQ-08	WQ8	Yes	K0709804		Integral	October 2007	10/17/2007	11:20	6.25	21	14.95	7	6.42	10.9
WQ-08	WQ8	Yes	K0710773		Integral	November 2007	11/13/2007	13:00	3.95	39	13.31	2.2	7.15	18.7
WQ-08	WQ8	Yes	K0711891		Integral	December 2007 I	12/15/2007		0.82	28	15.16	20.5	6.03	13.0
WQ-08	WQ8	Yes	K0800335		Integral	January 2008	1/9/2008	12:45	1.21	54	15.62	4.1	7.04	26.7
WQ-08	WQ8	Yes	K0801400		Integral	February 2008	2/14/2008	15:10	1.04	32	15.03	18	6.72	19.3
WQ-08	WQ8	Yes	K0802328		Integral	March 2008	3/15/2008	13:00	1.9	32	12.9	1	6.4	20.0
WQ-08	WQ8	Yes	K0803239		Integral	April 2008	4/14/2008	17:30	2.3	49	13.84	0	7.07	20.5
WQ-08	WQ8	Yes	K0804080		Integral	May 2008	5/8/2008	11:30	3.2	40	13.28	6.1	7.35	17.1
WQ-08	WQ8	Yes	K0805877		Integral	June 2008	6/28/2008	11:10	6.7	20	13.26	3.2	6.46	10.9
WQ-08	WQ8	Yes	K0806880		Integral	July 2008	7/24/2008	17:00	8.8	50	10.92	1.5	7.1	23.2
WQ-10	WQ10	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	16:45	10.48	28	12.25	--	6.82	14.4
WQ-10	WQ10	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	13:05	--	40	11.39	29	6.06	18.3
WQ-10	WQ10	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	10:30	5.07	30	11.67	39	4.06	13.3
WQ-10	WQ10	Yes		L482967	Knight Piesold	February 2007	2/26/2007	10:00	1.95	29	12.65	27	6.05	18.2
WQ-10	WQ10	Yes		L495369	Knight Piesold	April 2007	4/10/2007	11:11	2.99	26	13.14	7.2	6.71	17.5
WQ-10	WQ10	Yes		L507191	Knight Piesold	May 2007	5/14/2007	14:20	5.12	32	12.83	10.3	6.68	19.9
WQ-10	WQ10	Yes		L515743	Knight Piesold	June 2007	6/4/2007	16:33	6.74	29.5	12.95	6.6	6.75	19.9
WQ-10	WQ10	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	14:00	8.92	47	11.54	0	7.12	34.1
WQ-10	WQ10	Yes	K0706569		Integral	July 2007 II	7/24/2007	14:37	9.13	39	11.98	18	7.07	22.6
WQ-10	WQ10	Yes	K0707317		Integral	August 2007 I	8/14/2007	13:40	10.72	46	11.22	4.6	7.11	24.4
WQ-10	WQ10	Yes	K0707782		Integral	August 2007 II	8/27/2007	10:15	9.74	44	12.27	4.9	6.34	24.4
WQ-10	WQ10	Yes	K0708240		Integral	September 2007 I	9/11/2007	11:50	9.6	41	11.64	2.2	7.43	23.8
WQ-10	WQ10	Yes	K0709126		Integral	September 2007 II	10/1/2007	07:55	7.74	34	14.04	5.9	5.91	17.6
WQ-10	WQ10	Yes	K0709804		Integral	October 2007	10/17/2007	10:00	6.89	22	14.82	7.9	6.21	12.0
WQ-10	WQ10	Yes	K0710773		Integral	November 2007	11/13/2007	11:15	4.78	36	13.2	1.6	7.02	18.3
WQ-10	WQ10	Yes	K0711891		Integral	December 2007 I	12/15/2007	13:50	2.28	35	14.93	12.3	6.04	16.7
WQ-10	WQ10	Yes	K0800335		Integral	January 2008	1/9/2008	11:20	1.88	50	15.4	5.7	6.66	24.6
WQ-10	WQ10	Yes	K0801400		Integral	February 2008	2/14/2008	13:35	1.72	30	14.91	7.4	6.5	17.3
WQ-10	WQ10	Yes	K0802328		Integral	March 2008	3/15/2008	11:00	2.6	31	13.04	10	6.3	17.3
WQ-10	WQ10	Yes	K0803239		Integral	April 2008	4/14/2008	15:05	3.8	58	13.65	0	6.73	21.5
WQ-10	WQ10	Yes	K0804080		Integral	May 2008	5/8/2008	9:10	4.7	48	13.02	1.2	6.28	20.3
WQ-10	WQ10	Yes	K0805877		Integral	June 2008	6/28/2008	9:35	8.4	55	12.71	2.8	5.95	29.9
WQ-10	WQ10	Yes	K0806880		Integral	July 2008	7/24/2008	15:25	9.9	70	10.2	0.8	6.93	34.9
WQ-10	WQ10	Yes	K0810253		Integral	October 2008	10/15/2008	13:30	8.4	45	10.96	4.9	6.61	

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									Temperature (deg C)	Conductivity (uS/cm)	DO (mg/L)	Turbidity (NTU)	pH (SU)	TDS _{calc.} (mg/L)
WQ-12	WQ12	Yes		Z2004	Knight Piesold	August 2006 II	8/29/2006	16:00	9.52	63	12.36	--	6.82	34.8
WQ-12	WQ12	Yes		Z3908	Knight Piesold	October 2006	10/17/2006	09:40	9.48	30	11.37	78	6.42	13.7
WQ-12	WQ12	Yes		Z6128	Knight Piesold	December 2006	12/7/2006	12:30	--	--	--	--	--	11.9
WQ-12	WQ12	Yes		L482967	Knight Piesold	February 2007	2/26/2007	11:01	1.93	44	12.47	9.1	6.25	24.1
WQ-12	WQ12	Yes		L495369	Knight Piesold	April 2007	4/10/2007	16:06	3	45	12.52	7.7	6.95	24.0
WQ-12	WQ12	Yes		L507191	Knight Piesold	May 2007	5/14/2007	15:35	3.36	21	13.23	9.7	7.42	79.7
WQ-12	WQ12	Yes		L515743	Knight Piesold	June 2007	6/4/2007	18:07	6.55	97	11.77	8	6.91	62.5
WQ-12	WQ12	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	14:45	8.57	102	10.85	0.2	6.92	57.0
WQ-12	WQ12	Yes	K0706569		Integral	July 2007 II	7/24/2007	15:56	9.53	96	11.52	15.3	6.97	53.3
WQ-12	WQ12	Yes	K0707317		Integral	August 2007 I	8/14/2007	15:50	10.55	103	10.35	2.5	7.03	58.9
WQ-12	WQ12	Yes	K0707782		Integral	August 2007 II	8/27/2007	12:20	9.8	110	11.08	4.6	6.86	61.6
WQ-12	WQ12	Yes	K0708240		Integral	September 2007 I	9/11/2007	12:50	10.5	96	10.3	1.8	7.18	53.6
WQ-12	WQ12	Yes	K0709126		Integral	September 2007 II	10/1/2007	09:15	8.49	43	12.73	15.3	6.45	26.4
WQ-12	WQ12	Yes	K0709804		Integral	October 2007	10/17/2007	12:00	6.56	24	14.73	8.3	6.57	12.5
WQ-12	WQ12	Yes	K0710773		Integral	November 2007	11/13/2007	12:40	5.48	53	12.18	2	7.16	30.9
WQ-12	WQ12	Yes	K0711891		Integral	December 2007 I	12/15/2007	15:10	1.79	32	14.82	13.9	6.36	16.7
WQ-12	WQ12	Yes	K0800335		Integral	January 2008	1/9/2008	12:15	1.54	63	15.24	3	7.15	30.7
WQ-12	WQ12	Yes	K0801400		Integral	February 2008	2/14/2008	14:50	1.25	28	15	7.9	6.82	16.5
WQ-12	WQ12	Yes	K0802328		Integral	March 2008	3/15/2008	12:10	4.9	49	9.98	1	6.68	30.7
WQ-12	WQ12	Yes	K0803239		Integral	April 2008	4/14/2008	16:35	3.7	66	12.8	0	7.21	32.1
WQ-12	WQ12	Yes	K0804080		Integral	May 2008	5/8/2008	11:00	4.8	74	12.04	1.2	7.01	38.5
WQ-12	WQ12	Yes	K0805877		Integral	June 2008	6/28/2008	10:45	7.9	32	12.38	4.5	6.24	16.8
WQ-12	WQ12	Yes	K0806880		Integral	July 2008	7/24/2008	16:35	8.8	87	10.38	0.9	7.17	41.2
WQ-13	WQ13	Yes		L482967	Knight Piesold	February 2007	2/26/2007	08:19	2.34	62	12.34	8.2	6.33	27.9
WQ-13	WQ13	Yes		L495369	Knight Piesold	April 2007	4/10/2007	08:52	1.72	33	13.16	14.8	6.41	19.4
WQ-13	WQ13	Yes		L507191	Knight Piesold	May 2007	5/14/2007	13:50	3.41	39	12.85	10.8	6.24	21.2
WQ-13	WQ13	Yes		L515743	Knight Piesold	June 2007	6/4/2007	15:53	5.2	25	13.05	10.7	6.44	16.9
WQ-13	WQ13	Yes		L526591	Knight Piesold	July 2007 I	7/1/2007	13:05	7.18	49	12.37	6.1	7.02	27.7
WQ-13	WQ13	Yes	K0706569		Integral	July 2007 II	7/24/2007	14:00	7.66	56	12.5	43	6.61	35.1
WQ-13	WQ13	Yes	K0707317		Integral	August 2007 I	8/14/2007	13:10	9.7	72.5	11.93	7.4	6.92	43.3
WQ-13	WQ13	Yes	K0707782		Integral	August 2007 II	8/27/2007	09:10	8.36	59	12.91	10.1	6.12	32.8
WQ-13	WQ13	Yes	K0708240		Integral	September 2007 I	9/11/2007	10:45	8.82	59	12.02	7	7.08	34.9
WQ-13	WQ13	Yes	K0709126		Integral	September 2007 II	10/1/2007	08:15	7.74	38	13.87	7.3	6.12	22.9
WQ-13	WQ13	Yes	K0709804		Integral	October 2007	10/17/2007	10:50	7.65	30	14.17	8.4	6.56	17.7
WQ-13	WQ13	Yes	K0710773		Integral	November 2007	11/13/2007	10:35	5.57	45	12.92	4	6.86	25.7
WQ-13	WQ13	Yes	K0711891		Integral	December 2007 I	12/16/2007	09:45	3.04	50	14.87	8.9	5.6	21.2
WQ-13	WQ13	Yes	K0800335		Integral	January 2008	1/9/2008	10:40	2.11	66	15.56	12.9	6.81	34.6
WQ-13	WQ13	Yes	K0801400		Integral	February 2008	2/14/2008	15:50	1.93	44	14.84	8.5	6.54	24.3
WQ-13	WQ13	Yes	K0802328		Integral	March 2008	3/15/2008	10:20	2.5	39	13.18	0	7.46	19.8
WQ-13	WQ13	Yes	K0803239		Integral	April 2008	4/15/2008	5:45	3.1	58	12.95	0.3	6.95	27.2
WQ-13	WQ13	Yes	K0804080		Integral	May 2008	5/8/2008	8:00	3.5	52	13.49	1.2	5.34	27.1
WQ-13	WQ13	Yes	K0805877		Integral	June 2008	6/27/2008	8:50	6.6	36	12.06	1.3	5.83	18.5
WQ-13	WQ13	Yes	K0806880		Integral	July 2008	7/25/2008	8:00	8.1	62	11.51	4.1	5.78	25.6

Notes:

Table C-1. Surface Water Quality Monitoring Data

Station ID	Sample ID	Permit Station?	CAS Lab SDG	ALS Lab Number	Collection Contractor	Sample Event	Date	Time	In situ (field measurements)				Calculated Test
									Temperature (deg C)	Conductivity (uS/cm)	DO (mg/L)	Turbidity (NTU)	pH (SU)

-- = data not available

Data Qualifiers:

- J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte.
- U = The analyte was not detected above the reported sample quantitation limit.
- UJ = The analyte was not detected above the reported sample quantitation limit; however, the reported quantitation limit is approximate.
- R = The sample results are rejected.

Table C-1. Surface Wat

		Analytical Physical Tests			Dissolved Anions and Nutrients								Dissol	
Station ID	Sample ID	TDS (mg/L)	Hardness as CaCO ₃ (mg/L)	TSS (mg/L)	Alkalinity as CaCO ₃ (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulphate (mg/L)	Ammonia as N (mg/L)	Nitrate+Nitrite as N (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)	
WQ-04	WQ4	32	--	4 U	5.2	--	4.38	0.1 U	5.01	--	--	0.1 U	0.1 U	
WQ-04	WQ4	20 U	--	4 U	2 U	--	2.07	0.1 U	2 U	--	--	0.1 U	0.1 U	
WQ-04	WQ4	10 U	6.92	3 U	5.9	--	2.95	0.02 U	0.99	0.005 U	--	0.015	0.001 U	
WQ-04	WQ4	21	22.1	3 U	18	--	5.41	0.02 U	2.83	0.005 U	--	0.0743	0.001 U	
WQ-04	WQ4	15	6.7	3 U	7.1	0.05 U	2.64	0.02 U	1.02	0.02 U	--	0.0215	0.001 U	
WQ-04	WQ4	26	16	3 U	16.5	0.05 U	2.22	0.02 U	1.81	0.005 U	--	0.0926	0.001 U	
WQ-04	WQ4	36	26.2	3 U	23.4	0.05 U	2.83	0.02 U	2.78	0.005 U	--	0.101	0.001 U	
WQ-04	WQ4	19	6.68	51.4	3.4	0.05 U	4.4	0.02 U	0.83	--	--	0.0784	0.001 U	
WQ-04	WQ4	29	24.6	3 U	20.3	0.05 U	4.23	0.02 U	3.18	0.005 U	--	0.097	0.001 U	
WQ-04	WQ4	22	10.8	3 U	8.6	0.05 U	4.24	0.02 U	1.62	0.005 U	--	0.0406	0.001 U	
WQ-04	WQ4	21	10.6	3 U	9.2	0.05 U	2.45	0.02 U	1.45	0.005 U	--	0.0264	0.001 U	
WQ-04	WQ4	10 U	6.94	3.8	5.7	0.05 U	1.07	0.02 U	1.14	0.005 U	--	0.0128	0.001 U	
WQ-04	WQ4	21	19.6	3 U	16.1	0.05 U	1.85	0.02 U	2.04	0.005 U	--	0.075	0.001 U	
WQ-04	WQ4	43	26	5 U	26	0.01 U	2.2	0.02 U	2.8	0.03 U	0.12	--	--	
WQ-04	WQ4	54	38	5 U	35	0.01 U	3.1	0.012 U	4.4	0.006 U	0.18	--	--	
WQ-04	WQ4	46 U	38	5 U	26	0.005 J	2	0.012 U	2.7	0.02 UJ	0.17	--	--	
WQ-04	WQ4	44	35	5 U	31	0.01 U	2.5	0.012 U	3.4	0.01 UJ	0.47	--	--	
WQ-04	WQ4	23	13 U	5 U	12	0.01 U	2.5	0.012 U	1.7	0.02 U	0.11	--	--	
WQ-04	WQ4	8	16 U	7	5 UJ	0.01 U	3	0.012 U	1.1	0.01 U	0.1	--	0.004 UJ	
WQ-04	WQ4	22	26	5 U	15	0.01 U	4.8	0.012 U	2.6	0.022 UJ	0.27	--	--	
WQ-04	WQ4	26 U	22 U	12	8	0.01 U	5.5	0.012 U	1.5	0.06 UJ	0.37	--	--	
WQ-04	WQ4	64	35 U	5 U	20	0.013 J	9.1	0.012 U	3	0.03 UJ	0.3	--	--	
WQ-04	WQ4	38 UJ	29	63	12	0.01 U	7.7	0.012 U	1.8	0.17	1.29	--	--	
WQ-04	WQ4	76 U	31 U	5 U	8 U	0.01 J	6.1	0.012 UJ	2.1	0.05 UJ	0.44 U	--	--	
WQ-04	WQ4	14	32 U	5 U	15	0.01 U	7.9	0.012 UJ	1.9	0.02 UJ	0.24 U	--	--	
WQ-04	WQ4	22	20 U	5 U	14	0.012 U	5.2	0.01 UJ	2.1	0.03 UJ	0.22	--	--	
WQ-04	WQ4	9 U	11 U	7	8	0.012 U	1.6	0.01 U	1.3	0.03 UJ	0.22	--	--	
WQ-04	WQ4	43	20	5 U	22	0.012 UJ	2.4	0.01 U	2.7	0.04 UJ	0.28	--	--	
WQ-04	WQ4	31	18	5 U	15	--	2.8	--	1.9	0.03 UJ	0.2	--	--	
WQ-06	WQ6	20 U	--	4 U	4	--	3.22	0.1 U	2 U	--	--	0.1 U	0.1 U	
WQ-06	WQ6	20 U	--	4 U	3	--	1.95	0.1 U	2 U	--	--	0.1 U	0.1 U	
WQ-06	WQ6	10 U	4.82	3 U	4.6	--	2.85	0.02 U	0.63	0.005 U	--	0.0104	0.001 U	
WQ-06	WQ6	21	13.1	3 U	10.8	--	5.47	0.02 U	1.27	0.005 U	--	0.067	0.001 U	
WQ-06	WQ6	17	8.53	3 U	9	0.05 U	4.84	0.02 U	1.61	0.02 U	--	0.0399	0.001 U	
WQ-06	WQ6	10	9.54	3 U	9.3	0.05 U	1.63	0.02 U	0.81	0.005 U	--	0.066	0.001 U	
WQ-06	WQ6	22	13.1	3 U	12	0.05 U	2.36	0.02 U	0.99	0.005 U	--	0.107	0.001 U	
WQ-06	WQ6	15	5.22	3 U	2 U	0.05 U	4.02	0.02 U	0.59	--	--	0.0564	0.001 U	
WQ-06	WQ6	18	13.5	3 U	11.1	0.05 U	4.04	0.02 U	1.34	0.005 U	--	0.0904	0.001 U	
WQ-06	WQ6	14	6.39	3 U	5	0.05 U	3.98	0.02 U	0.94	0.005 U	--	0.0327	0.001 U	
WQ-06	WQ6	16	7.1	3 U	5.8	0.05 U	2.29	0.02 U	0.78	0.005 U	--	0.0273	0.001 U	
WQ-06	WQ6	10 U	4.28	3 U	3.2	0.05 U	0.79	0.02 U	0.54	0.005 U	--	0.0104	0.001 U	
WQ-06	WQ6	10 U	8.64	3 U	7.8	0.05 U	1.03	0.02 U	0.56	0.005 U	--	0.0221	0.001 U	
WQ-06	WQ6	27 U	13	5 U	11	0.01 U	1.4	0.02 U	0.8	0.05 U	0.11	--	--	
WQ-06	WQ6	36	18	5 U	22	0.01 U	2.5	0.012 U	1.4	0.006 U	0.24	--	--	

Table C-1. Surface Wat

		Analytical Physical Tests			Dissolved Anions and Nutrients								Dissol
Station ID	Sample ID	TDS (mg/L)	Hardness as CaCO ₃ (mg/L)	TSS (mg/L)	Alkalinity as CaCO ₃ (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulphate (mg/L)	Ammonia as N (mg/L)	Nitrate+Nitrite as N (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
WQ-06	WQ6	37 U	24	5 U	17	0.02 U	1.8	0.012 U	1.1	0.02 UJ	0.19	--	--
WQ-06	WQ6	19	26	5 U	16	0.01 U	1.9	0.012 U	1.1	0.02 UJ	0.29	--	--
WQ-06	WQ6	14	9 U	5 U	13	0.01 U	2.3	0.012 U	0.6	0.02 U	0.05	--	--
WQ-06	WQ6	7	14 U	5 U	1 U	0.01 U	3.1	0.012 U	0.6	0.05 UJ	0.032 J	--	--
WQ-06	WQ6	8	15	5 U	6 UJ	0.01 U	4.8	0.012 U	1	0.019 UJ	0.13	--	--
WQ-06	WQ6	18 U	13 U	5 U	5	0.01 U	4.5	0.012 U	0.8	0.03 UJ	0.34	--	--
WQ-06	WQ6	12	23 U	5 U	9	0.01 U	7.3	0.012 U	1.4	0.02 UJ	0.15	--	--
WQ-06	WQ6	34 UJ	18 U	5 U	6	0.01 U	6.3	0.012 U	1.1	0.03 J	0.12	--	--
WQ-06	WQ6	23 U	36 U	5 U	7 U	0.01 U	5.8	0.012 UJ	1.1	0.05 UJ	0.29 U	--	--
WQ-06	WQ6	16	30 U	16	6 UJ	0.01 U	7.9	0.012 UJ	1.1	0.04 UJ	0.09 U	--	--
WQ-06	WQ6	11	20 U	5 U	7 UJ	0.012 U	4.4	0.01 UJ	1.1	0.02 UJ	0.07	--	--
WQ-06	WQ6	12 U	8 U	5 U	5	0.012 U	1	0.01 U	0.5	0.06 UJ	0.09	--	--
WQ-06	WQ6	21	12	5 U	10	0.012 UJ	1.4	0.01 U	0.8	0.02 UJ	0.09	--	--
WQ-06	WQ6	20	14	5 U	6	--	2.3	--	0.8	0.04 UJ	0.07	--	--
WQ-07	WQ7	22	13	3 U	9.3	--	5.45	0.02 U	1.2	0.005 U	--	0.0678	0.001 U
WQ-07	WQ7	15	4.6	3 U	5.5	0.05 U	2.07	0.02 U	0.91	0.024	--	0.0107	0.001 U
WQ-07	WQ7	14	10.1	3 U	10.6	0.05 U	1.65	0.02 U	0.75	0.005 U	--	0.0632	0.001 U
WQ-07	WQ7	19	13.4	3 U	12.5	0.05 U	2.28	0.02 U	0.95	0.005 U	--	0.0857	0.001 U
WQ-07	WQ7	16	4.24	4.4	2 U	0.05 U	3.72	0.02 U	0.55	--	--	0.043	0.001 U
WQ-07	WQ7	17	14.3	3 U	8.7	0.05 U	4.09	0.02 U	1.36	0.0058	--	0.0815	0.001 U
WQ-07	WQ7	14	6.48	30.5	5	0.05 U	3.93	0.02 U	0.94	0.005 U	--	0.031	0.001 U
WQ-07	WQ7	17	6.92	3 U	5.7	0.05 U	2.24	0.02 U	0.78	0.005 U	--	0.0243	0.001 U
WQ-07	WQ7	10 U	4.23	3 U	4.2	0.05 U	0.79	0.02 U	0.54	0.005 U	--	0.0091	0.001 U
WQ-07	WQ7	10 U	8.5	3 U	7.9	0.05 U	1.03	0.02 U	0.57	0.005 U	--	0.0171	0.001 U
WQ-07	WQ7	22 U	21	5 U	10	0.01 U	1.3	0.02 U	0.8	0.03 U	0.09	--	--
WQ-07	WQ7	29	16	5 U	22	0.01 U	2.5	0.012 U	1.3	0.006 U	0.13	--	--
WQ-07	WQ7	33 U	27	5 U	17	0.02 U	1.9	0.012 U	1.1	0.02 UJ	0.12	--	--
WQ-07	WQ7	19	31	5 U	16	0.01 U	1.9	0.012 U	1.1	0.01 UJ	0.12	--	--
WQ-07	WQ7	10	8 U	5 U	4	0.01 U	2.1	0.012 U	0.6	0.03 U	0.025 J	--	--
WQ-07	WQ7	5 U	14 U	5 U	1 U	0.01 U	3.1	0.012 U	0.6	0.02 UJ	0.07	--	0.004 U
WQ-07	WQ7	11	16	5 U	8 UJ	0.01 U	4.8	0.012 U	0.9	0.023 UJ	0.06	--	--
WQ-07	WQ7	15 U	8 U	5 U	2	0.01 U	4.2	0.012 U	0.7	0.02 UJ	0.32	--	--
WQ-07	WQ7	17	29 U	5 U	11	0.01 U	7.1	0.012 U	1.4	0.02 UJ	0.048 J	--	--
WQ-07	WQ7	27 UJ	15 U	5 U	1 U	0.01 U	6.5	0.012 U	1	0.05	0.12	--	--
WQ-07	WQ7	13 U	41 U	5 U	5 U	0.01 U	5.8	0.012 UJ	1	0.03 UJ	0.14 U	--	--
WQ-07	WQ7	61	25 U	5 U	7 UJ	0.01 U	7.8	0.012 UJ	1.1	0.06 UJ	0.06 U	--	--
WQ-07	WQ7	21	16 U	5 U	7 UJ	0.012 U	4.5	0.01 UJ	1.1	0.03 UJ	0.05	--	--
WQ-07	WQ7	15 U	9 U	5 U	4	0.012 U	1	0.01 U	0.5	0.02 UJ	0.14	--	--
WQ-07	WQ7	20	12	5 U	10	0.012 UJ	1.4	0.01 U	0.8	0.02 UJ	0.03 J	--	--
WQ-08	WQ8	31	22.6	3 U	18.1	--	5.25	0.02 U	2.81	0.005 U	--	0.0736	0.001 U
WQ-08	WQ8	15	5.5	3 U	6.3	0.05 U	2.37	0.02 U	0.92	0.02 U	--	0.0183	0.001 U
WQ-08	WQ8	16	15	3 U	14.4	0.05 U	2.32	0.02 U	1.48	0.005 U	--	0.104	0.001 U
WQ-08	WQ8	25	18.7	3 U	17.2	0.05 U	3.06	0.02 U	1.88	0.005 U	--	0.0867	0.001 U
WQ-08	WQ8	19	5.44	4.9	2 U	0.05 U	4.73	0.02 U	0.71	--	--	0.0847	0.001 U

Table C-1. Surface Wat

		Analytical Physical Tests			Dissolved Anions and Nutrients								Dissol
Station ID	Sample ID	TDS (mg/L)	Hardness as CaCO ₃ (mg/L)	TSS (mg/L)	Alkalinity as CaCO ₃ (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulphate (mg/L)	Ammonia as N (mg/L)	Nitrate+Nitrite as N (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
WQ-08	WQ8	18	17.6	3 U	14.4	0.05 U	4.33	0.02 U	2.21	0.005 U	--	0.0871	0.001 U
WQ-08	WQ8	22	10.5	3 U	8.9	0.05 U	4.51	0.02 U	1.48	0.005 U	--	0.0533	0.001 U
WQ-08	WQ8	18	13.4	3	11.4	0.05 U	3.14	0.02 U	1.49	0.005 U	--	0.0419	0.001 U
WQ-08	WQ8	13	5.84	3 U	5	0.05 U	1.04	0.02 U	1.03	0.005 U	--	0.0052	0.001 U
WQ-08	WQ8	17	15.8	3 U	13.2	0.05 U	2.12	0.02 U	1.8	0.005 U	--	0.0457	0.001 U
WQ-08	WQ8	44	19	5	14	0.01 U	2.3	0.02 U	2.1	0.02 U	0.08	--	--
WQ-08	WQ8	70	28	5 U	22	0.02 J	3.2	0.012 U	2.6	0.006 U	0.08	--	--
WQ-08	WQ8	44 U	31	5 U	21	0.02 U	2	0.012 U	1.7	0.01 UJ	0.13	--	--
WQ-08	WQ8	22	32	5 U	21	0.011 U	2.6	0.012 U	1.9	0.02 UJ	0.11	--	--
WQ-08	WQ8	9	8 U	5 U	7	0.01 U	2.3	0.012 U	0.9	0.02 U	0.026 J	--	--
WQ-08	WQ8	5 U	11 U	5 U	2 UJ	0.01 U	3.1	0.012 U	0.8	0.02 UJ	0.013 J	--	--
WQ-08	WQ8	25	16	5 U	8 UJ	0.01 U	4.7	0.012 U	1.6	0.02 UJ	0.07	--	--
WQ-08	WQ8	16 U	11 U	5 U	2 J	0.01 U	4.4	0.012 U	0.8	0.04 UJ	0.09 UJ	--	--
WQ-08	WQ8	28	32 U	5 U	10	0.01 U	7.4	0.012 U	1.7	0.01 UJ	0.034 J	--	--
WQ-08	WQ8	19 UJ	19 U	5 U	4	0.01 U	6.3	0.012 U	1.1	0.03 J	0.39	--	--
WQ-08	WQ8	39 U	34 U	5 U	13 U	0.01 U	5.3	0.012 UJ	1.3	0.02 UJ	0.41 U	--	--
WQ-08	WQ8	19	27 U	5 U	9 UJ	0.01 U	7.2	0.012 UJ	1.3	0.03 UJ	0.08 U	--	--
WQ-08	WQ8	12	15 U	5 U	8 UJ	0.012 U	4.4	0.01 UJ	1.4	0.04 UJ	0.05	--	--
WQ-08	WQ8	17 U	11 U	5 U	5	0.012 U	1.2	0.01 U	0.9	0.02 UJ	0.18	--	--
WQ-08	WQ8	31	19	5 U	15	0.012 UJ	2.5	0.01 U	1.8	0.02 UJ	0.048 J	--	--
WQ-10	WQ10	11	7.57	3 U	4.6	0.05 U	3.37	0.02 U	1.36	0.005 U	--	0.0558	0.001 U
WQ-10	WQ10	24	9.65	3 U	8.1	0.05 U	3.55	0.02 U	1.41	0.005 U	--	0.0523	0.001 U
WQ-10	WQ10	21	5.39	30.9	2.5	0.05 U	5.08	0.02 U	0.85	--	--	0.051	0.001 U
WQ-10	WQ10	14	8.39	3 U	5.9	0.05 U	5.28	0.02 U	1.58	0.005 U	--	0.0488	0.001 U
WQ-10	WQ10	16	6.69	3 U	5.3	0.05 U	4.73	0.02 U	1.29	0.005 U	--	0.0217	0.001 U
WQ-10	WQ10	19	9.26	13	7.4	0.05 U	4.24	0.02 U	1.29	0.005 U	--	0.0421	0.001 U
WQ-10	WQ10	15	10.9	3 U	8.6	0.05 U	3.11	0.02 U	1.62	0.005 U	--	0.0938	0.001 U
WQ-10	WQ10	50	15.7	3 U	2 U	0.05 U	4.01	0.02 U	1.8	0.005 U	--	3.51	0.001 U
WQ-10	WQ10	27 U	14	5 U	11	0.01 U	3.3	0.02 U	1.5	0.03 U	0.07	--	--
WQ-10	WQ10	67	13	5 U	11	0.02 J	3.8	0.012 U	1.8	0.015 J	0.09	--	--
WQ-10	WQ10	31 U	24	5 U	13	0.041 J	3.3	0.012 U	1.7	0.02 UJ	0.15	--	--
WQ-10	WQ10	18	27	5 U	12	0.043 U	3.3	0.012 U	1.5	0.02 UJ	0.07	--	--
WQ-10	WQ10	16	9 U	5 U	5	0.021 J	3.7	0.012 U	1.2	0.02 U	0.035 J	--	--
WQ-10	WQ10	7	14 U	5 U	1 UJ	0.01 U	3.4	0.012 U	0.9	0.01 UJ	0.06	--	--
WQ-10	WQ10	14	14	5 U	7 UJ	0.013 J	5.8	0.012 U	1.2	0.022 UJ	0.031 J	--	--
WQ-10	WQ10	24 U	13 U	5 U	2	0.01 U	6.4	0.012 U	1	0.01 U	0.08 UJ	--	--
WQ-10	WQ10	12	16 U	5 U	6	0.015 J	9.3	0.012 U	1.3	0.01 UJ	0.006 U	--	--
WQ-10	WQ10	18 UJ	16 U	5 U	3	0.01 U	6.2	0.012 U	1.2	0.07	0.08	--	--
WQ-10	WQ10	41 U	36 U	5	5 U	0.011 J	5.8	0.012 UJ	1.3	0.03 UJ	0.1 U	--	--
WQ-10	WQ10	5 U	24 U	5 U	4 UJ	0.01 U	7.4	0.012 UJ	1.5	0.19	0.9 U	--	--
WQ-10	WQ10	19	20 U	5 U	9 UJ	0.012 U	4.9	0.01 UJ	1.6	0.07 UJ	0.28	--	--
WQ-10	WQ10	27 U	13 U	5 U	8	0.012 U	3.4	0.01 U	2.6	0.33	1.81	--	--
WQ-10	WQ10	50	21	5 U	14	0.016 UJ	3.9	0.01 U	3.6	0.07 UJ	1.49	--	--
WQ-10	WQ10	28	9	5 U	10	--	3.5	--	2.2	0.04 UJ	0.018 J	--	--

Table C-1. Surface Wat

		Analytical Physical Tests			Dissolved Anions and Nutrients								Dissol
Station ID	Sample ID	TDS (mg/L)	Hardness as CaCO ₃ (mg/L)	TSS (mg/L)	Alkalinity as CaCO ₃ (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulphate (mg/L)	Ammonia as N (mg/L)	Nitrate+Nitrite as N (mg/L)	Nitrate (mg/L)	Nitrite (mg/L)
WQ-12	WQ12	34	24.9	3 U	24	0.05 U	4.25	0.02 U	2.16	0.005 U	--	0.0931	0.001 U
WQ-12	WQ12	28	7.11	3 U	6.6	0.05 U	2.01	0.02 U	1.06	0.005 U	--	0.0299	0.001 U
WQ-12	WQ12	19	4.84	12.9	2 U	0.05 U	4.82	0.02 U	0.9	--	--	0.0446	0.001 U
WQ-12	WQ12	22	15.2	3 U	11.7	0.05 U	4.95	0.02 U	1.88	0.005 U	--	0.0429	0.001 U
WQ-12	WQ12	24	12.4	3 U	10.6	0.05 U	4.99	0.02 U	1.62	0.005 U	--	0.0288	0.001 U
WQ-12	WQ12	72	61.2	3 U	62.7	0.05 U	4.45	0.02 U	3.4	0.005 U	--	0.0462	0.001 U
WQ-12	WQ12	60	44.1	3 U	37.1	0.05 U	4.9	0.02 U	3.99	0.36	--	1.17	0.0235
WQ-12	WQ12	51	44.1	3 U	39.8	0.05 U	4.75	0.02 U	2.94	0.0109	--	0.0147	0.001 U
WQ-12	WQ12	69	39	5 U	39	0.01 U	4.2	0.02 U	2.4	0.006 U	0.036 J	--	--
WQ-12	WQ12	61	42	5 U	44	0.04 J	4.3	0.012 U	2.7	0.006 U	0.08	--	--
WQ-12	WQ12	83	52	5 U	47	0.044 J	4.5	0.012 U	3.2	0.01 UJ	0.034 J	--	--
WQ-12	WQ12	57	48	5 U	39	0.047 U	4	0.012 U	2.7	0.01 UJ	0.049 J	--	--
WQ-12	WQ12	23	17 U	5 U	14	0.022 J	3.5	0.012 U	1.4	0.03 U	0.012 J	--	--
WQ-12	WQ12	24	12 U	5 U	3 UJ	0.01 U	3.4	0.012 U	0.9	0.01 UJ	0.006 U	--	--
WQ-12	WQ12	32	24	5 U	17	0.015 J	5.2	0.012 U	1.9	0.006 U	0.03 J	--	--
WQ-12	WQ12	21 U	17 U	5 U	4	0.01 U	5.3	0.012 U	0.9	0.03 UJ	0.06 UJ	--	--
WQ-12	WQ12	25	32 U	5 U	12	0.013 J	8.3	0.012 U	1.6	0.02 UJ	0.006 U	--	--
WQ-12	WQ12	14 UJ	20 U	5 U	4	0.01 U	5.3	0.012 U	1.1	0.03 J	0.047 UJ	--	--
WQ-12	WQ12	31 U	46 U	5 U	16	0.013 J	5.4	0.012 UJ	1.7	0.03 UJ	0.1 U	--	--
WQ-12	WQ12	10	34 U	5 U	18	0.01 U	6.4	0.012 UJ	1.6	0.04 UJ	0.028 U	--	--
WQ-12	WQ12	27	28 U	5 U	24	0.016 J	5.4	0.01 UJ	2	0.04 UJ	0.05	--	--
WQ-12	WQ12	7 U	13 U	5 U	7	0.012 U	2.8	0.01 U	1.2	0.02 UJ	0.14	--	--
WQ-12	WQ12	40	39	5 U	30	0.015 UJ	4	0.01 U	2.3	0.02 UJ	0.07	--	--
WQ-13	WQ13	22	18.7	3 U	13.1	0.05 U	4.61	0.02 U	3.42	0.005 U	--	0.129	0.001 U
WQ-13	WQ13	18	9.34	3 U	7.1	0.05 U	4.17	0.02 U	1.82	0.005 U	--	0.0655	0.001 U
WQ-13	WQ13	21	12.4	3 U	10.1	0.05 U	2.89	0.02 U	1.92	0.005 U	--	0.0485	0.001 U
WQ-13	WQ13	10 U	10.8	3 U	9.5	0.05 U	1.57	0.02 U	1.7	0.005 U	--	0.0357	0.001 U
WQ-13	WQ13	21	20.9	3 U	16.6	0.05 U	2.06	0.02 U	2.92	0.005 U	--	0.0749	0.001 U
WQ-13	WQ13	43	20	5 U	24	0.01 U	2.2	0.02 U	3.3	0.03 U	0.09	--	--
WQ-13	WQ13	52	34	14	28	0.01 U	3	0.012 U	4.7	0.006 U	0.11	--	--
WQ-13	WQ13	59 U	36	5 U	21	0.005 J	2	0.012 U	3	0.006 U	0.16	--	--
WQ-13	WQ13	32	39	5 U	22	0.009 U	2.4	0.012 U	3.3	0.02 UJ	0.12	--	--
WQ-13	WQ13	16	15 U	5 U	12	0.01 U	2.5	0.012 U	2.2	0.02 U	0.09	--	--
WQ-13	WQ13	12	18 U	5 U	7	0.01 U	2.8	0.012 U	1.4	0.01 UJ	0.2	--	--
WQ-13	WQ13	15	21	5 U	11	0.01 U	4.6	0.012 U	2.6	0.008 UJ	0.16	--	--
WQ-13	WQ13	21 U	19 U	5 U	6	0.01 U	4.4	0.012 U	2.2	0.04 UJ	0.39	--	--
WQ-13	WQ13	22	28 U	5 U	14	0.035 J	7.1	0.012 U	3.6	0.01 UJ	0.21	--	--
WQ-13	WQ13	36 UJ	17 U	5 U	5	0.01 U	6.7	0.012 U	1.9	0.07	0.46	--	--
WQ-13	WQ13	33 U	32 U	5 U	5 U	0.01 U	5.4	0.012 UJ	2.2	0.01 UJ	0.22 U	--	--
WQ-13	WQ13	5 U	38 U	5 U	11	0.01 U	7.1	0.012 UJ	2.3	0.02 UJ	0.19 U	--	--
WQ-13	WQ13	21	17 U	5 U	15	0.012 U	4.7	0.01 UJ	2.3	0.03 UJ	0.15	--	--
WQ-13	WQ13	28 U	19 U	5 U	11	0.012 U	1.9	0.01 U	1.9	0.02 UJ	0.12	--	--
WQ-13	WQ13	19	19	5 U	15	0.012 UJ	2.2	0.01 U	3.3	0.02 UJ	0.17	--	--

Notes:

Table C-1. Surface Wat

Station ID	Sample ID	Analytical Physical Tests			Dissolved Anions and Nutrients							Dissol
		TDS (mg/L)	Hardness as CaCO ₃ (mg/L)	TSS (mg/L)	Alkalinity as CaCO ₃ (mg/L)	Bromide (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulphate (mg/L)	Ammonia as N (mg/L)	Nitrate+Nitrite as N (mg/L)	

-- = data not available

Data Qualifiers:

- J = The analyte was
- U = The analyte wa
- UJ = The analyte w
- R = The sample res

Table C-1. Surface Wat

		Inorganic Anions and Nutrients			Metals								
Station ID	Sample ID	Dissolved			Aluminum, Total (ug/L)	Aluminum, Dissolved (ug/L)	Antimony, Total (ug/L)	Antimony, Dissolved (ug/L)	Arsenic, Total (ug/L)	Arsenic, Dissolved (ug/L)	Barium, Total (ug/L)	Barium, Dissolved (ug/L)	Beryllium, Total (ug/L)
		Orthophosphate as P (mg/L)	Total Phosphate (mg/L)	Total Phosphate, Dissolved (mg/L)									
WQ-04	WQ4	0.05 U	--	--	500 U	500 U	--	--	0.5 U	0.39	500 U	500 U	--
WQ-04	WQ4	0.05 U	--	--	--	--	--	--	0.5 U	0.5 U	--	500 U	--
WQ-04	WQ4	0.001 U	0.002 U	0.002 U	82.1	77	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.002 U	0.002 U	17.7	17.6	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.002 U	0.002 U	57.4	55.4	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.0039	0.002	106	75.2	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.0023	0.002 U	49.9	38.8	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.0466	0.0032	1470	60.8	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.002 U	--	26.4	24.8	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-04	WQ4	0.001 U	0.0024	0.002 U	51.6	44	0.1 U	0.1 U	0.1 U	0.1 U	0.352	0.356	0.5 U
WQ-04	WQ4	0.001 U	0.0048	0.0024	118	67.1	0.1 U	0.1 U	0.1 U	0.1 U	0.427	0.34	0.5 U
WQ-04	WQ4	0.001 U	0.0047	0.002 U	111	87	0.1 U	0.1 U	0.1 U	0.1 U	0.304	0.258	0.5 U
WQ-04	WQ4	0.001 U	0.0024	0.002 U	67.2	46.9	0.1 U	0.1 U	0.1 U	0.1 U	0.562	0.638	0.5 U
WQ-04	WQ4	0.007 U	0.007 U	0.009 U	48.9	36.4	0.03 U	0.03 U	0.06 U	0.07 J	1.2 J	0.7 U	0.006 U
WQ-04	WQ4	0.003 U	0.006 UJ	0.004 UJ	25.8	24.2	0.03 U	0.03 U	0.06 U	0.06 U	2.2 J	2.4 J	0.006 U
WQ-04	WQ4	0.02	--	0.02 U	52.2 J	43	0.009 U	0.02 U	0.08 U	0.07 U	6.2 U	2.4 U	0.008 U
WQ-04	WQ4	0.006 UJ	0.01 UJ	0.005 U	45.7 J	27.2 J	0.03 U	0.03 U	0.11 J	0.08 J	9.2 U	4.4 UJ	0.006 U
WQ-04	WQ4	0.005 UJ	0.03	0.02 U	110	69.4	0.03 U	0.03 U	0.07 J	0.06 U	1.5 J	1.3 U	0.006 U
WQ-04	WQ4	0.01 UJ	--	0.01 U	260	93.8	0.03 U	0.03 U	0.06 U	0.06 U	1 UJ	1.2 UJ	0.006 U
WQ-04	WQ4	0.006 UJ	0.003 J	0.007 UJ	121	34.9	0.02 U	0.02 U	0.06 J	0.06 U	2.6 J	2 J	0.006 U
WQ-04	WQ4	0.03 UJ	0.02	0.02 U	622 J	42 J	0.04 J	0.04 J	0.07 UJ	0.06 U	3.2 J	1 J	0.006 UJ
WQ-04	WQ4	0.003 U	0.01 UJ	0.01 U	309	24	0.041 J	0.009 U	0.32 J	0.16 UJ	1.4 J	1.4 J	0.006 U
WQ-04	WQ4	0.005 UJ	0.04	0.008 UJ	2120 J	42.7 J	0.089	0.06 UJ	0.63	0.06 UJ	3 UJ	0.7 UJ	0.013 J
WQ-04	WQ4	0.003 U	0.01 U	0.004 UJ	101 J	30.2 J	0.035 UJ	0.034 UJ	0.08 U	0.08 U	1.3 J	0.8 J	0.008 U
WQ-04	WQ4	0.003 U	0.004 J	0.005 UJ	118	24.8	0.04 J	0.07	0.07 J	0.06 U	1.7 UJ	1.4 UJ	0.006 U
WQ-04	WQ4	0.005 UJ	0.008 UJ	0.004 UJ	79.6 J	39.8 J	0.044 J	0.064 UJ	0.08 U	0.08 U	1.1 UJ	5.1	0.008 U
WQ-04	WQ4	0.007 UJ	0.009 UJ	0.009 J	215 J	89.1	0.03 J	0.061 U	0.2 U	0.2 U	0.9 UJ	0.7 UJ	0.02 U
WQ-04	WQ4	0.004 J	0.01	0.01 UJ	38.8 J	32 J	0.031 UJ	0.036 UJ	0.2 U	0.2 U	1.9 UJ	1.4 UJ	0.02 U
WQ-04	WQ4	--	--	--	55.7 J	40.2 J	--	--	0.2 U	0.2 U	--	--	--
WQ-06	WQ6	0.05 U	--	--	500 U	500 U	--	--	0.5 U	0.5 U	500 U	500 U	--
WQ-06	WQ6	0.05 U	--	--	--	--	--	--	0.5 U	0.5 U	500 U	500 U	--
WQ-06	WQ6	0.001 U	0.002 U	0.0023	66.5	61	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.002 U	0.002 U	20	18.5	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.002 U	0.002 U	51.1	47.4	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.0013	0.0022	0.002 U	91.1	89.6	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.002 U	0.002 U	43.9	40.2	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.0071	0.0024	59	46.1	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.002 U	--	30.2	30.2	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-06	WQ6	0.001 U	0.002	0.002 U	48.1	46	0.1 U	0.1 U	0.1 U	0.1 U	0.307	0.302	0.5 U
WQ-06	WQ6	0.001 U	0.0021	0.002	48.1	46.6	0.1 U	0.1 U	0.1 U	0.1 U	0.26	0.281	0.5 U
WQ-06	WQ6	0.001 U	0.0022	0.002 U	66.6	63.3	0.1 U	0.1 U	0.1 U	0.1 U	0.176	0.212	0.5 U
WQ-06	WQ6	0.001 U	0.002 U	0.002 U	41.8	39.5	0.1 U	0.1 U	0.1 U	0.1 U	0.289	0.31	0.5 U
WQ-06	WQ6	0.005 U	0.01 U	0.008 U	40.6	37.9	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-06	WQ6	0.003 U	0.005 UJ	0.005 UJ	23.3	24	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U

Table C-1. Surface Wat

		Inorganic Anions and Nutrients			Metals								
Station ID	Sample ID	Dissolved			Aluminum, Total (ug/L)	Aluminum, Dissolved (ug/L)	Antimony, Total (ug/L)	Antimony, Dissolved (ug/L)	Arsenic, Total (ug/L)	Arsenic, Dissolved (ug/L)	Barium, Total (ug/L)	Barium, Dissolved (ug/L)	Beryllium, Total (ug/L)
		Orthophosphate as P (mg/L)	Total Phosphate (mg/L)	Total Phosphate, Dissolved (mg/L)									
WQ-06	WQ6	0.002 UJ	--	0.008 UJ	34.5 J	33	0.009 U	0.02 U	0.08 U	0.07 U	3.2 U	0.8 U	0.008 U
WQ-06	WQ6	0.004 UJ	0.01 UJ	0.008 U	38.7 J	30.4 J	0.03 U	0.03 U	0.06 J	0.06 U	9.4 U	1.6 UJ	0.006 U
WQ-06	WQ6	0.009 UJ	0.005 U	0.01 U	76.3	68.2	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-06	WQ6	0.008 UJ	--	0.02 U	85.5	80.9	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-06	WQ6	0.006 UJ	0.003 J	0.008 UJ	33.5	29.8	0.02 U	0.02 U	0.06 U	0.06 U	0.7 U	0.7 J	0.006 U
WQ-06	WQ6	0.01 UJ	0.01	0.01 U	61.8 J	42 J	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-06	WQ6	0.003 UJ	0.01 UJ	0.01 U	32.8	26.4	0.031 J	0.009 U	0.17 J	0.08 U	0.6 U	0.6 U	0.006 U
WQ-06	WQ6	0.006 UJ	0.01 UJ	0.01 UJ	52.2 J	47.6 J	0.032 UJ	0.04 UJ	0.15 UJ	0.06 UJ	0.7 UJ	0.7 UJ	0.008 U
WQ-06	WQ6	0.003 U	0.005 U	0.007 UJ	32.4 J	29.4 J	0.02 UJ	0.016 UJ	0.08 U	0.08 U	0.6 U	0.6 U	0.008 U
WQ-06	WQ6	0.003 U	0.004 U	0.005 UJ	36.4	21.7	0.03 U	0.04 J	0.06 U	0.06 U	0.8 UJ	0.7 UJ	0.006 U
WQ-06	WQ6	0.005 UJ	0.005 UJ	0.006 UJ	37.4 J	38.3 J	0.015 J	0.031 UJ	0.08 U	0.08 U	0.5 UJ	5.9	0.008 U
WQ-06	WQ6	0.01 UJ	0.01 UJ	0.02	93.3 J	74	0.011 J	0.021 U	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-06	WQ6	0.007 J	0.008 J	0.01 UJ	29.2 J	27.3 J	0.014 UJ	0.016 UJ	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-06	WQ6	--	--	--	98.1 J	47.4 J	--	--	0.2 U	0.2 U	--	--	--
WQ-07	WQ7	0.001	0.002 U	0.002 U	25.1	23.1	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.001 U	0.002 U	0.002 U	89.2	86.9	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.0011	0.002 U	0.002 U	83.9	79.3	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.0011	0.0027	0.002 U	37.9	35.7	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.001 U	0.0119	0.0026	77.2	47.7	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.001	0.0025	--	24.1	24.4	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-07	WQ7	0.001 U	0.0028	0.002 U	49.5	47	0.1 U	0.1 U	0.1 U	0.1 U	0.344	0.298	0.5 U
WQ-07	WQ7	0.001 U	0.0024	0.002	52.8	51	0.1 U	0.1 U	0.1 U	0.1 U	0.268	0.271	0.5 U
WQ-07	WQ7	0.001 U	0.0022	0.0022	68.6	65.3	0.1 U	0.1 U	0.1 U	0.1 U	0.2	0.197	0.5 U
WQ-07	WQ7	0.001 U	0.002 U	0.002 U	41.1	39.4	0.1 U	0.1 U	0.1 U	0.1 U	0.296	0.311	0.5 U
WQ-07	WQ7	0.008 U	0.005 U	0.01 U	39	35.7	0.03 U	0.03 U	0.06 U	0.06 U	0.9 J	0.7 U	0.006 U
WQ-07	WQ7	0.002 U	0.006 UJ	0.004 UJ	20.7	19.7	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-07	WQ7	0.003 UJ	--	0.008 UJ	28.4 J	31.6	0.009 U	0.02 U	0.08 U	0.07 U	1.7 U	3.4 U	0.008 U
WQ-07	WQ7	0.005 UJ	0.01 UJ	0.005 U	29.7 J	29.2 J	0.03 U	0.03 U	0.06 J	0.06 U	3.1 U	0.7 U	0.006 U
WQ-07	WQ7	0.005 UJ	0.007 U	0.02 U	74.8	65.1	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-07	WQ7	0.006 UJ	--	0.04 U	74.7	76.2	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-07	WQ7	0.005 UJ	0.002 U	0.009 UJ	32.6	28.3	0.02 U	0.02 U	0.06 U	0.06 U	0.7 U	0.9 J	0.006 U
WQ-07	WQ7	0.009 UJ	0.01	0.01 U	41.4 J	44.9 J	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-07	WQ7	0.004 UJ	0.02 UJ	0.02 U	25.1	19.1	0.03 U	0.009 U	0.13 J	0.09 UJ	0.6 U	0.7 J	0.006 U
WQ-07	WQ7	0.005 UJ	0.006 UJ	0.006 UJ	46.2 J	65.2 J	0.035 UJ	0.05 UJ	0.11 UJ	0.06 UJ	0.7 UJ	0.7 UJ	0.008 U
WQ-07	WQ7	0.003 U	0.005 U	0.004 UJ	29.6 J	32.3 J	0.019 UJ	0.015 UJ	0.08 U	0.08 U	0.6 U	0.6 U	0.008 U
WQ-07	WQ7	0.003 U	0.007 J	0.01 UJ	23.8	22.3	0.03 U	0.05	0.06 U	0.06 U	0.6 UJ	0.9 UJ	0.006 U
WQ-07	WQ7	0.008 UJ	0.006 UJ	0.004 UJ	39.1 J	38.4 J	0.012 J	0.015 UJ	0.08 U	0.08 U	0.5 UJ	0.5 UJ	0.008 U
WQ-07	WQ7	0.01 UJ	0.006 UJ	0.02	86.6 J	73.1	0.02 J	0.014 U	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-07	WQ7	0.005 J	0.004 U	0.008 UJ	25.9 J	25.3 J	0.016 UJ	0.026 UJ	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-08	WQ8	0.001 U	0.002 U	0.002 U	17.2	16.6	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-08	WQ8	0.001 U	0.002 U	0.002 U	68	60.3	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-08	WQ8	0.001 U	0.002 U	0.002 U	56	54	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-08	WQ8	0.001 U	0.0031	0.002 U	28.6	27.3	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-08	WQ8	0.0014	0.0118	0.0066	111	63	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U

Table C-1. Surface Wat

		Inorganic Anions and Nutrients			Metals								
Station ID	Sample ID	Dissolved			Aluminum, Total (ug/L)	Aluminum, Dissolved (ug/L)	Antimony, Total (ug/L)	Antimony, Dissolved (ug/L)	Arsenic, Total (ug/L)	Arsenic, Dissolved (ug/L)	Barium, Total (ug/L)	Barium, Dissolved (ug/L)	Beryllium, Total (ug/L)
		Orthophosphate as P (mg/L)	Total Phosphate (mg/L)	Total Phosphate, Dissolved (mg/L)									
WQ-08	WQ8	0.001 U	0.002 U	--	23.9	22.9	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-08	WQ8	0.001 U	0.002 U	0.002 U	33	35.6	0.1 U	0.1 U	0.1 U	0.1 U	0.39	0.371	0.5 U
WQ-08	WQ8	0.001 U	0.0041	0.002 U	50.7	32.2	0.1 U	0.1 U	0.1 U	0.1 U	0.415	0.415	0.5 U
WQ-08	WQ8	0.001 U	0.0031	0.002 U	87.3	80.7	0.1 U	0.1 U	0.1 U	0.1 U	0.33	0.268	0.5 U
WQ-08	WQ8	0.001 U	0.002 U	0.002 U	24.5	28.8	0.1 U	0.1 U	0.1 U	0.1 U	0.456	0.514	0.5 U
WQ-08	WQ8	0.008 U	0.01 U	0.01 U	63.5	26.7	0.03 U	0.03 U	0.06 U	0.06 U	1.4 J	0.7 U	0.006 U
WQ-08	WQ8	0.002 U	0.007 UJ	0.008 UJ	18.3	16.3	0.03 U	0.03 U	0.06 U	0.06 J	0.7 U	0.7 U	0.006 U
WQ-08	WQ8	0.003 UJ	--	0.006 UJ	29.7 J	32.2	0.009 U	0.02 U	0.08 U	0.07 U	1.8 U	5.6	0.008 U
WQ-08	WQ8	0.008 UJ	0.03 UJ	0.006 U	24.9 J	22.1 J	0.03 U	0.03 U	0.07 J	0.06 U	4.4 U	1.5 UJ	0.006 U
WQ-08	WQ8	0.006 UJ	0.03	0.03 U	88.6	66.6	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-08	WQ8	0.009 UJ	--	0.02 U	87.3	85.3	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-08	WQ8	0.01 UJ	0.002 U	0.01 UJ	25.1	24.7	0.02 U	0.02 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-08	WQ8	0.008 UJ	0.01	0.01 U	50 J	45.3 J	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-08	WQ8	0.004 UJ	0.01 UJ	0.01 U	22.4	21.4	0.03 U	0.009 U	0.12 J	0.11 UJ	0.6 U	0.6 U	0.006 U
WQ-08	WQ8	0.007 UJ	0.01 UJ	0.009 UJ	56.8 J	46.8 J	0.066 UJ	0.07 UJ	0.18 UJ	0.06 UJ	0.7 UJ	0.7 UJ	0.008 U
WQ-08	WQ8	0.003 U	0.005 U	0.004 UJ	68.3 J	66.8 J	0.025 UJ	0.02 UJ	0.08 U	0.08 U	0.6 U	0.6 U	0.008 U
WQ-08	WQ8	0.003 U	0.004 U	0.005 UJ	24.7	24.6	0.04 J	0.05 J	0.06 U	0.06 U	0.8 UJ	0.9 UJ	0.006 U
WQ-08	WQ8	0.008 UJ	0.004 UJ	0.004 UJ	36.2 J	34.6 J	0.021 J	0.041 UJ	0.08 U	0.08 U	0.6 UJ	0.5 UJ	0.008 U
WQ-08	WQ8	0.01 UJ	0.005 UJ	0.02	106 J	93.1	0.026 J	0.028 U	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-08	WQ8	0.005 J	0.004 U	0.007 UJ	23.7 J	20.4 J	0.021 UJ	0.023 UJ	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-10	WQ10	0.001	0.0097	0.0021	116	88.5	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-10	WQ10	0.001 U	0.021	0.0057	574	93.9	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-10	WQ10	0.001 U	0.0315	0.0043	209	76.2	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-10	WQ10	0.001 U	0.0025	--	52.2	50.6	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-10	WQ10	0.001 U	0.0021	0.002 U	56.2	52.7	0.1 U	0.1 U	0.1 U	0.1 U	0.407	0.421	0.5 U
WQ-10	WQ10	0.001 U	0.0145	0.0027	119	62.6	0.1 U	0.1 U	0.1 U	0.1 U	0.512	0.494	0.5 U
WQ-10	WQ10	0.001 U	0.0038	0.002 U	111	85.1	0.1 U	0.1 U	0.1 U	0.1 U	0.539	0.53	0.5 U
WQ-10	WQ10	0.001 U	0.0023	0.002 U	43.2	35.8	0.1 U	0.1 U	0.1 U	0.1 U	0.66	0.641	0.5 U
WQ-10	WQ10	0.006 U	0.009 U	0.008 U	71.2	59.4	0.03 U	0.03 U	0.11 J	0.08 J	0.7 U	1.2 J	0.006 U
WQ-10	WQ10	0.003 U	0.007 UJ	0.002 UJ	43.5	38.7	0.03 U	0.03 U	0.09 J	0.1 J	0.7 U	0.7 U	0.006 U
WQ-10	WQ10	0.004 UJ	--	0.02 U	54.4 J	53.6	0.009 U	0.02 U	0.08 U	0.07 U	2.4 U	2.7 U	0.008 U
WQ-10	WQ10	0.004 UJ	0.01 UJ	0.006 U	61.7 J	52.2 J	0.03 U	0.03 U	0.11 J	0.07 J	1.2 U	2.1 UJ	0.006 U
WQ-10	WQ10	0.009 UJ	0.007 U	0.01 U	111	75.6	0.03 U	0.03 U	0.08 J	0.06 U	0.7 U	0.7 U	0.006 U
WQ-10	WQ10	0.01 UJ	--	0.02 U	142	132	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	1 UJ	0.006 U
WQ-10	WQ10	0.008 UJ	0.002 U	0.009 UJ	60.3	45.3	0.02 U	0.02 U	0.06 U	0.06 U	0.9 J	1.1 J	0.006 U
WQ-10	WQ10	0.01 UJ	0.01	0.02 U	111 J	63.5 J	0.03 U	0.03 U	0.06 U	0.06 U	0.7 J	0.7 U	0.006 U
WQ-10	WQ10	0.003 UJ	0.02 UJ	0.02 U	48.9	35.9	0.03 U	0.009 U	0.18 J	0.08 U	0.6 U	0.8 J	0.006 U
WQ-10	WQ10	0.005 UJ	0.01 UJ	0.004 UJ	109 J	64.5 J	0.028 UJ	0.03 UJ	0.17 UJ	0.06 UJ	0.7 UJ	1 UJ	0.008 U
WQ-10	WQ10	0.003 U	0.009 U	0.005 UJ	190 J	51.3 J	0.024 UJ	0.023 UJ	0.08 U	0.1 J	0.6 U	0.6 U	0.008 U
WQ-10	WQ10	0.003 U	0.004 U	0.008 UJ	54.7	37.1	0.03 U	0.05	0.06 U	0.06 U	1 UJ	0.8 UJ	0.006 U
WQ-10	WQ10	0.008 UJ	0.004 UJ	0.004 UJ	55.7 J	49.8 J	0.019 J	0.049 UJ	0.08 U	0.08 U	0.7 UJ	2.3 UJ	0.008 U
WQ-10	WQ10	0.01 UJ	0.007 UJ	0.02	167 J	119	0.058	0.069 U	0.2 U	0.2 U	0.7 UJ	0.8 UJ	0.02 U
WQ-10	WQ10	0.005 J	0.004 U	0.008 UJ	46.1 J	40.4 J	0.056 UJ	0.07 UJ	0.2 U	0.2 U	0.6 UJ	0.5 UJ	0.02 U
WQ-10	WQ10	--	--	--	58.5 J	56.8 J	--	--	0.2 U	0.2 U	--	--	--

Table C-1. Surface Wat

		Inorganic Anions and Nutrients			Metals								
Station ID	Sample ID	Dissolved Orthophosphate as P (mg/L)	Total Phosphate (mg/L)	Total Phosphate, Dissolved (mg/L)	Aluminum, Total (ug/L)	Aluminum, Dissolved (ug/L)	Antimony, Total (ug/L)	Antimony, Dissolved (ug/L)	Arsenic, Total (ug/L)	Arsenic, Dissolved (ug/L)	Barium, Total (ug/L)	Barium, Dissolved (ug/L)	Beryllium, Total (ug/L)
WQ-12	WQ12	0.001	0.002	0.002 U	48	39.5	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-12	WQ12	0.001 U	0.01 U	0.01 U	163	161	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-12	WQ12	0.0012	0.0187	0.0039	130	78.7	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-12	WQ12	0.001	0.002 U	--	37.4	35.7	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-12	WQ12	0.001 U	0.002 U	0.002 U	31.3	30.9	0.1 U	0.1 U	0.1 U	0.1 U	0.537	0.56	0.5 U
WQ-12	WQ12	0.001 U	0.002 U	0.002 U	15.6	16.8	0.1 U	0.1 U	0.1 U	0.1 U	1.12	1.15	0.5 U
WQ-12	WQ12	0.001 U	0.0092	0.0044	146	70.7	0.1 U	0.1 U	0.1 U	0.1 U	1.51	1.44	0.5 U
WQ-12	WQ12	0.001 U	0.0037	0.002 U	24.1	20.6	0.1 U	0.1 U	0.1 U	0.1 U	1.1	1.14	0.5 U
WQ-12	WQ12	0.006 U	0.02 U	0.01 U	35.2	28.1	0.03 U	0.03 U	0.15 J	0.11 J	1.2 J	1.2 J	0.006 U
WQ-12	WQ12	0.002 U	0.008 UJ	0.007 UJ	19.3	18.6	0.03 U	0.03 U	0.15 J	0.16 J	0.7 U	1 J	0.006 U
WQ-12	WQ12	0.004 UJ	--	0.01 U	17.3 J	24.8	0.009 U	0.02 U	0.08 U	0.07 U	2 U	3.8 U	0.008 U
WQ-12	WQ12	0.006 UJ	0.01 UJ	0.009 U	25.3 J	18.1 J	0.03 U	0.03 U	0.1 J	0.13 J	1.6 U	1.3 UJ	0.006 U
WQ-12	WQ12	0.007 UJ	0.007 U	0.01 U	88.9	61	0.03 U	0.03 U	0.08 J	0.06 U	0.8 J	0.7 U	0.006 U
WQ-12	WQ12	0.008 UJ	--	0.01 U	114	117	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-12	WQ12	0.008 UJ	0.002 U	0.01 UJ	38.1	31.4	0.02 U	0.02 U	0.06 U	0.08 J	0.7 U	1 J	0.006 U
WQ-12	WQ12	0.007 UJ	0.02	0.03 U	102 J	71.9 J	0.07	0.14	0.06 U	0.06 U	0.7 U	1.3 J	0.006 U
WQ-12	WQ12	0.005 UJ	0.01 UJ	0.02 U	37.6	27.9	0.033 J	0.009 U	0.22 J	0.09 UJ	0.6 U	0.7 J	0.006 U
WQ-12	WQ12	0.005 UJ	0.01 UJ	0.004 UJ	91 J	76.9 J	0.016 UJ	0.03 UJ	0.2 UJ	0.06 UJ	0.7 UJ	0.7 UJ	0.008 U
WQ-12	WQ12	0.003 U	0.004 U	0.006 UJ	27.8 J	28.2 J	0.009 UJ	0.016 UJ	0.13 J	0.08 U	0.6 J	0.6 U	0.008 U
WQ-12	WQ12	0.003 U	0.004 J	0.008 UJ	41.5	21.5	0.03 U	0.11	0.06 U	0.06 U	1.2 UJ	0.8 UJ	0.006 U
WQ-12	WQ12	0.005 UJ	0.01 UJ	0.004 UJ	35.8 J	21.4 J	0.009 U	0.054 UJ	0.08 U	0.08 U	1 UJ	0.8 UJ	0.008 U
WQ-12	WQ12	0.01 UJ	0.01 UJ	0.02	141 J	114	0.01 U	0.018 U	0.21 J	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-12	WQ12	0.006 J	0.1	0.008 UJ	26.7 J	16.2 J	0.01 UJ	0.018 UJ	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-13	WQ13	0.001 U	0.0026	--	21.9	20.8	0.5 U	0.5 U	0.5 U	0.5 U	20 U	20 U	1 U
WQ-13	WQ13	0.001 U	0.0021	0.002 U	65.4	40	0.1 U	0.1 U	0.1 U	0.1 U	0.426	0.349	0.5 U
WQ-13	WQ13	0.001 U	0.0022	0.002 U	41.9	40	0.1 U	0.1 U	0.1 U	0.1 U	0.402	0.43	0.5 U
WQ-13	WQ13	0.001 U	0.0034	0.002 U	74.4	65.3	0.1 U	0.1 U	0.1 U	0.1 U	0.367	0.364	0.5 U
WQ-13	WQ13	0.001 U	0.002 U	0.002 U	33.3	27.9	0.1 U	0.1 U	0.1 U	0.1 U	0.636	0.661	0.5 U
WQ-13	WQ13	0.006 U	0.009 U	0.01 U	32.8	30.9	0.03 U	0.03 U	0.1 J	0.07 J	0.7 U	0.7 U	0.006 U
WQ-13	WQ13	0.002 U	0.009 UJ	0.005 UJ	39.8	20.4	0.03 U	0.03 U	0.06 U	0.06 U	0.8 J	1 J	0.034
WQ-13	WQ13	0.003 UJ	--	0.009 UJ	56 J	36.5	0.009 U	0.02 U	0.08 U	0.07 U	2.7 U	0.9 U	0.008 U
WQ-13	WQ13	0.006 UJ	0.01 UJ	0.006 U	32.5 J	26.6 J	0.03 U	0.03 U	0.11 J	0.06 U	0.7 U	4.1 UJ	0.006 U
WQ-13	WQ13	0.01 UJ	0.02 U	0.01 U	68.8	46.1	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-13	WQ13	0.008 UJ	--	0.01 U	144	78.1	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 U	0.006 U
WQ-13	WQ13	0.008 UJ	0.002 U	0.01 UJ	33.5	25.1	0.02 U	0.02 U	0.06 U	0.06 U	0.7 J	1 J	0.006 U
WQ-13	WQ13	0.007 UJ	0.02	0.007 U	54.1 J	43.1 J	0.03 U	0.03 U	0.06 U	0.06 U	0.7 U	0.7 J	0.006 U
WQ-13	WQ13	0.003 UJ	0.07	0.08	92.3	19.8	0.03 U	0.009 U	0.15 J	0.11 UJ	0.6 U	0.6 U	0.006 U
WQ-13	WQ13	0.005 UJ	0.005 UJ	0.004 UJ	63.4 J	33.3 J	0.025 UJ	0.04 UJ	0.13 UJ	0.06 UJ	0.7 UJ	0.7 UJ	0.008 U
WQ-13	WQ13	0.003 U	0.004 U	0.005 UJ	29.6 J	24.1 J	0.012 UJ	0.016 UJ	0.08 U	0.08 U	0.6 U	0.6 U	0.008 U
WQ-13	WQ13	0.003 U	0.004 U	0.006 UJ	28.9	21.5	0.03 U	0.03 J	0.06 U	0.06 U	0.6 UJ	0.8 UJ	0.006 U
WQ-13	WQ13	0.007 UJ	0.004 UJ	0.004 UJ	36.5 J	32.1 J	0.009 J	0.023 UJ	0.08 U	0.08 U	0.5 UJ	0.5 UJ	0.008 U
WQ-13	WQ13	0.009 UJ	0.004 UJ	0.02	80.2 J	65.6	0.01 U	0.011 U	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U
WQ-13	WQ13	0.002 U	0.1	0.005 UJ	35.3 J	27.1 J	0.01 UJ	0.01 UJ	0.2 U	0.2 U	0.5 UJ	0.5 UJ	0.02 U

Notes:

Table C-1. Surface Wat

		Inorganic Anions and Nutrients			Metals								
Station ID	Sample ID	Dissolved Orthophosphate as P (mg/L)	Total Phosphate (mg/L)	Total Phosphate, Dissolved (mg/L)	Aluminum, Total (ug/L)	Aluminum, Dissolved (ug/L)	Antimony, Total (ug/L)	Antimony, Dissolved (ug/L)	Arsenic, Total (ug/L)	Arsenic, Dissolved (ug/L)	Barium, Total (ug/L)	Barium, Dissolved (ug/L)	Beryllium, Total (ug/L)

-- = data not available

Data Qualifiers:

- J = The analyte was
- U = The analyte wa
- UJ = The analyte w
- R = The sample res

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Beryllium, Dissolved (ug/L)	Boron, Total (ug/L)	Boron, Dissolved (ug/L)	Cadmium, Total (ug/L)	Cadmium, Dissolved (ug/L)	Calcium, Total (ug/L)	Calcium, Dissolved (ug/L)	Chromium, Total (ug/L)	Chromium, Dissolved (ug/L)	Cobalt, Total (ug/L)	Cobalt, Dissolved (ug/L)	Copper, Total (ug/L)
WQ-04	WQ4	--	50	--	0.37	27	3510	--	20 U	20 U	--	--	28
WQ-04	WQ4	--	50 U	--	0.2 U	0.2 U	2080	--	20 U	20 U	--	--	2 U
WQ-04	WQ4	1 U	100 U	100 U	0.05 U	0.05 U	2150	2160	1 U	1 U	0.3 U	0.3 U	1 U
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	7020	7150	1 U	1 U	0.3 U	0.3 U	1 U
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	2100	2110	1 U	1 U	0.3 U	0.3 U	1 U
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	5410	5320	1 U	1 U	0.3 U	0.3 U	1.9
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	8870	8880	1 U	1 U	0.3 U	0.3 U	1 U
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	2030	1980	3.8	1 U	1.21	0.3 U	9.2
WQ-04	WQ4	1 U	100 U	100 U	0.017 U	0.017 U	9150	8220	1 U	1 U	0.3 U	0.3 U	1 U
WQ-04	WQ4	0.5 U	10 U	10 U	0.017 U	0.017 U	3460	3450	0.5 U	0.5 U	0.1 U	0.1 U	0.85
WQ-04	WQ4	0.5 U	10 U	10 U	0.017 U	0.017 U	3510	3480	0.5 U	0.5 U	0.1 U	0.1 U	1.43
WQ-04	WQ4	0.5 U	10 U	10 U	0.017 U	0.017 U	2290	2250	0.5 U	0.5 U	0.1 U	0.1 U	1.53
WQ-04	WQ4	0.5 U	10 U	10 U	0.017 U	0.017 U	6460	6610	0.5 U	0.5 U	0.1 U	0.1 U	1.23
WQ-04	WQ4	0.006 U	9 U	9 U	0.013 U	0.007 U	8920	9030	0.34 U	0.33 U	0.042	0.035	0.92
WQ-04	WQ4	0.006 U	9 U	9 U	0.008 U	0.014 U	12700	12500	0.28 U	0.33 U	0.114	0.121	0.63 UJ
WQ-04	WQ4	0.003 U	9 U	9 U	0.005 U	0.008 UJ	8310	8130	0.33 U	0.37 U	0.036 U	0.027	1.14
WQ-04	WQ4	0.006 U	9 U	9 U	0.008 UJ	0.007 U	10600	10600	0.45 U	0.32 U	0.048	0.036	0.83
WQ-04	WQ4	0.006 U	9 U	9 U	0.037 U	0.007 U	3970	3970	0.58 U	0.39 U	0.07	0.035	1.64
WQ-04	WQ4	0.006 U	9 U	9 U	0.007 U	0.007 U	2670	2630	0.82 U	0.43 U	0.167	0.032	3.15
WQ-04	WQ4	0.006 U	10.9 UJ	9 U	0.015 UJ	0.008 U	6590	6700	0.79 U	0.55 U	0.119	0.033 UJ	1.32
WQ-04	WQ4	0.006 U	9 U	9 U	0.018 U	0.013 U	3910	3830	1.76	0.59 U	0.374	0.03 UJ	4.59 J
WQ-04	WQ4	0.008 U	6 U	6 U	0.022 UJ	0.007 UJ	8280	8460	0.86 U	0.4 U	0.219	0.016 J	3.32
WQ-04	WQ4	0.006 U	9.5 UJ	9 UJ	0.016 UJ	0.007 UJ	4610	4440	3.13	0.43 U	1.03	0.035 UJ	15.9
WQ-04	WQ4	0.008 U	6 U	6 U	0.005 UJ	0.006 UJ	6130	5940	0.59 U	0.42 U	0.072	0.024 U	1.32
WQ-04	WQ4	0.006 U	6 U	6 U	0.008 UJ	0.007 UJ	5580	5630	0.88 U	0.38 U	0.096	0.292 U	1.09
WQ-04	WQ4	0.008 U	4 UJ	4 UJ	0.005 U	0.005 U	4960	4970	0.69 U	0.52 U	0.112	0.426 U	1.03 U
WQ-04	WQ4	0.02 U	4.6 UJ	5.4 UJ	0.009 UJ	0.005 UJ	2780	2660	1.01 U	0.65 U	0.138	0.419 U	2.49 U
WQ-04	WQ4	0.02 U	4 UJ	4 UJ	0.01 UJ	0.005 UJ	7310	7350	0.56 U	0.42 U	0.045	0.176 U	1.29
WQ-04	WQ4	--	--	--	0.005 UJ	0.005 UJ	4690	5290	--	--	--	--	1.21
WQ-06	WQ6	--	50 U	--	0.2 U	0.2 U	2590	--	20 U	20 U	--	--	2 U
WQ-06	WQ6	--	50 U	--	0.2 U	0.2 U	1450	--	20 U	20 U	--	--	2 U
WQ-06	WQ6	1 U	100 U	100 U	0.05 U	0.05 U	1410	1410	1 U	1 U	0.3 U	0.3 U	1
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	3880	3910	1 U	1 U	0.3 U	0.3 U	1 U
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	2430	2500	1 U	1 U	0.3 U	0.3 U	1 U
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	3030	3040	1 U	1 U	0.3 U	0.3 U	1.7
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	4120	4120	1 U	1 U	0.3 U	0.3 U	1 U
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	1410	1470	1 U	1 U	0.3 U	0.3 U	1 U
WQ-06	WQ6	1 U	100 U	100 U	0.017 U	0.017 U	4260	4190	1 U	1 U	0.3 U	0.3 U	1 U
WQ-06	WQ6	0.5 U	10 U	10 U	0.017 U	0.017 U	1870	1880	0.5 U	0.5 U	0.1 U	0.1 U	0.74
WQ-06	WQ6	0.5 U	10 U	10 U	0.017 U	0.017 U	2120	2190	0.5 U	0.5 U	0.1 U	0.1 U	0.83
WQ-06	WQ6	0.5 U	10 U	10 U	0.017 U	0.017 U	1310	1330	0.5 U	0.5 U	0.1 U	0.1 U	1.01
WQ-06	WQ6	0.5 U	10 U	10 U	0.017 U	0.017 U	2720	2760	0.5 U	0.5 U	0.1 U	0.1 U	0.97
WQ-06	WQ6	0.006 U	9 U	9 U	0.01 J	0.007 U	3710	3940	0.39 U	0.33 U	0.019 J	0.018 J	0.88
WQ-06	WQ6	0.006 U	9 U	9 U	0.008 U	0.011 U	6640	6340	0.24 U	0.33 U	0.059 UJ	0.059	0.45 UJ

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Beryllium, Dissolved (ug/L)	Boron, Total (ug/L)	Boron, Dissolved (ug/L)	Cadmium, Total (ug/L)	Cadmium, Dissolved (ug/L)	Calcium, Total (ug/L)	Calcium, Dissolved (ug/L)	Chromium, Total (ug/L)	Chromium, Dissolved (ug/L)	Cobalt, Total (ug/L)	Cobalt, Dissolved (ug/L)	Copper, Total (ug/L)
WQ-06	WQ6	0.003 U	9 U	9 U	0.005 U	0.008 UJ	5740	5720	0.26 U	0.37 U	0.022	0.018 U	0.78
WQ-06	WQ6	0.006 U	9 U	9 U	0.008 UJ	0.007 U	5480	5350	0.35 U	0.23 U	0.021	0.021 UJ	0.73
WQ-06	WQ6	0.006 U	9 U	9 U	0.012 U	0.007 U	2160	2100	0.36 U	0.41 U	0.02	0.02 J	1.16
WQ-06	WQ6	0.006 U	9 U	9 U	0.007 U	0.007 U	1520	1550	0.46 U	0.45 U	0.02	0.014 J	1.09
WQ-06	WQ6	0.006 U	9 U	9 U	0.016 UJ	0.008 U	2980	3000	0.51 U	0.43 U	0.021 UJ	0.012 UJ	0.63
WQ-06	WQ6	0.006 U	10 UJ	9 U	0.024 U	0.012 U	1860	1950	0.37 U	0.36 U	0.026 UJ	0.014 UJ	0.84 J
WQ-06	WQ6	0.008 U	6 U	6 U	0.01 UJ	0.005 U	4550	4300	0.33 U	0.63 U	0.031	0.008 U	0.58
WQ-06	WQ6	0.006 U	9 UJ	9 UJ	0.005 UJ	0.03 UJ	2340	2250	0.52 U	0.58 U	0.032 UJ	0.022 UJ	0.58
WQ-06	WQ6	0.008 U	6 U	6 U	0.005 UJ	0.005 UJ	3270	3240	0.31 U	0.31 U	0.006 J	0.009 U	0.53
WQ-06	WQ6	0.006 U	6 U	6 U	0.007 UJ	0.007 UJ	3060	2970	0.34 U	0.61 U	0.022	0.244 U	0.47
WQ-06	WQ6	0.008 U	4 UJ	4 UJ	0.005 U	0.005 U	2480	2530	0.73 U	0.38 U	0.019 UJ	0.252 U	0.73 U
WQ-06	WQ6	0.02 U	5 UJ	4 UJ	0.005 UJ	0.005 UJ	1070	1070	0.56 U	0.42 U	0.035	0.293 U	1.25 U
WQ-06	WQ6	0.02 U	4 UJ	4 UJ	0.005 UJ	0.005 UJ	2800	2810	0.5 U	0.42 U	0.017 J	0.118 U	0.67
WQ-06	WQ6	--	--	--	0.009 UJ	0.005 UJ	2460	2310	--	--	--	--	1.16
WQ-07	WQ7	1 U	100 U	100 U	0.017 U	0.017 U	3830	3870	1 U	1 U	0.3 U	0.3 U	1 U
WQ-07	WQ7	1 U	100 U	100 U	0.017 U	0.017 U	1470	1440	1 U	1 U	0.3 U	0.3 U	1 U
WQ-07	WQ7	1 U	100 U	100 U	0.024	0.017 U	3170	3210	1 U	1 U	0.3 U	0.3 U	1.6
WQ-07	WQ7	1 U	100 U	100 U	0.017 U	0.017 U	4190	4210	1 U	1 U	0.3 U	0.3 U	1 U
WQ-07	WQ7	1 U	100 U	100 U	0.017 U	0.017 U	1140	1160	1 U	1 U	0.3 U	0.3 U	1 U
WQ-07	WQ7	1 U	100 U	100 U	0.017 U	0.017 U	4490	4460	1 U	1 U	0.3 U	0.3 U	1 U
WQ-07	WQ7	0.5 U	10 U	10 U	0.017 U	0.017 U	1870	1910	0.5 U	0.5 U	0.1 U	0.1 U	0.73
WQ-07	WQ7	0.5 U	10 U	10 U	0.017 U	0.017 U	2090	2140	0.5 U	0.5 U	0.1 U	0.1 U	0.8
WQ-07	WQ7	0.5 U	10 U	10 U	0.017 U	0.017 U	1320	1310	0.5 U	0.5 U	0.1 U	0.1 U	1.04
WQ-07	WQ7	0.5 U	10 U	10 U	0.017 U	0.017 U	2810	2730	0.5 U	0.5 U	0.1 U	0.1 U	1.13
WQ-07	WQ7	0.006 U	11 U	9 U	0.03 U	0.012 U	3830	3900	0.36 U	0.32 U	0.019 J	0.018 J	0.85
WQ-07	WQ7	0.006 U	9 U	9 U	0.008 U	0.011 U	7100	6370	0.24 U	0.34 U	0.062 UJ	0.054	0.44 UJ
WQ-07	WQ7	0.003 U	9 U	9 U	0.005 U	0.008 UJ	5830	5830	0.48 U	0.36 U	0.016 U	0.015 U	0.69
WQ-07	WQ7	0.006 U	9 U	9.5 UJ	0.008 UJ	0.007 U	5060	5190	0.4 U	0.2 U	0.018 J	0.016 UJ	0.63
WQ-07	WQ7	0.006 U	9 U	9 U	0.007 U	0.007 U	2170	2220	0.37 U	0.49 U	0.016 J	0.018 J	1.17
WQ-07	WQ7	0.006 U	9 U	9 U	0.007 U	0.007 U	1640	1700	0.47 U	0.38 U	0.016 J	0.014 J	1.02
WQ-07	WQ7	0.006 U	9 U	9 U	0.018 UJ	0.008 U	2880	2930	0.47 U	0.5 U	0.011 UJ	0.012 UJ	0.59
WQ-07	WQ7	0.006 U	9 U	9 U	0.011 U	0.013 U	1780	1790	0.37 U	0.38 U	0.014 UJ	0.013 UJ	0.68 J
WQ-07	WQ7	0.008 U	6 U	6 U	0.013 UJ	0.006 UJ	4680	4570	0.33 U	0.42 U	0.022	0.008 U	0.44
WQ-07	WQ7	0.006 U	9 UJ	9 UJ	0.005 UJ	0.007 UJ	2470	2400	0.45 U	0.3 U	0.031 UJ	0.015 UJ	0.57
WQ-07	WQ7	0.008 U	6 U	6 U	0.005 UJ	0.005 UJ	3120	3070	0.3 U	0.37 U	0.008 J	0.006 U	0.45
WQ-07	WQ7	0.006 U	6 U	6 U	0.01 UJ	0.007 UJ	3120	3010	0.58 U	0.45 U	0.012 J	0.561 U	0.4
WQ-07	WQ7	0.008 U	4 UJ	4 UJ	0.005 U	0.005 U	2510	2450	0.91 U	0.23 U	0.015 UJ	0.016 U	0.79 U
WQ-07	WQ7	0.02 U	5.8 UJ	4.6 UJ	0.005 UJ	0.005 UJ	1090	1060	0.89 U	0.57 U	0.025	0.09 U	1.21 U
WQ-07	WQ7	0.02 U	4 UJ	4 UJ	0.005 UJ	0.005 UJ	2790	2800	0.44 U	0.44 U	0.016 J	0.459	0.63
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	7400	7220	1 U	1 U	0.3 U	0.3 U	1 U
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	1680	1710	1 U	1 U	0.3 U	0.3 U	1.1
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	4900	4890	1 U	1 U	0.3 U	0.3 U	1.3
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	5980	5960	1 U	1 U	0.3 U	0.3 U	1 U
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	1450	1460	1 U	1 U	0.3 U	0.3 U	1.2

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Beryllium, Dissolved (ug/L)	Boron, Total (ug/L)	Boron, Dissolved (ug/L)	Cadmium, Total (ug/L)	Cadmium, Dissolved (ug/L)	Calcium, Total (ug/L)	Calcium, Dissolved (ug/L)	Chromium, Total (ug/L)	Chromium, Dissolved (ug/L)	Cobalt, Total (ug/L)	Cobalt, Dissolved (ug/L)	Copper, Total (ug/L)
WQ-08	WQ8	1 U	100 U	100 U	0.017 U	0.017 U	5400	5550	1 U	1 U	0.3 U	0.3 U	1 U
WQ-08	WQ8	0.5 U	10 U	10 U	0.017 U	0.017 U	3210	3190	0.5 U	0.5 U	0.1 U	0.1 U	0.63
WQ-08	WQ8	0.5 U	10 U	10 U	0.017 U	0.017 U	4260	4250	0.5 U	0.5 U	0.1 U	0.1 U	0.83
WQ-08	WQ8	0.5 U	10 U	10 U	0.017 U	0.017 U	1710	1720	0.5 U	0.5 U	0.1 U	0.1 U	1.54
WQ-08	WQ8	0.5 U	10 U	10 U	0.017 U	0.017 U	5130	4990	0.5 U	0.5 U	0.1 U	0.1 U	0.55
WQ-08	WQ8	0.006 U	9 U	9 U	0.013 U	0.012 U	6090	6440	0.42 U	0.54 U	0.06	0.033	0.96
WQ-08	WQ8	0.006 U	9 U	9 U	0.008 U	0.014 U	8440	8130	0.24 U	0.3 U	0.085	0.075	0.44 UJ
WQ-08	WQ8	0.003 U	9 U	9 U	0.005 U	0.008 UJ	6010	5910	0.34 U	0.33 U	0.025	0.023	0.84
WQ-08	WQ8	0.006 U	9 U	12.7 UJ	0.011 UJ	0.007 U	6920	6760	0.38 U	0.27 U	0.024	0.03	0.52
WQ-08	WQ8	0.006 U	9 U	9 U	0.007 U	0.007 U	2390	2360	0.39 U	0.32 U	0.065	0.02 J	1.4
WQ-08	WQ8	0.006 U	9 U	9 U	0.007 U	0.007 U	1720	1750	0.48 U	0.4 U	0.02	0.015 J	1.5
WQ-08	WQ8	0.006 U	9 U	9 U	0.045 UJ	0.008 U	3480	3590	0.48 U	0.49 U	0.019 UJ	0.013 UJ	0.61
WQ-08	WQ8	0.006 U	9 U	9 U	0.008 U	0.01 U	1760	1870	0.58 U	0.57 U	0.017 UJ	0.011 UJ	0.96 J
WQ-08	WQ8	0.008 U	6 U	6 U	0.017 UJ	0.005 U	4600	4420	0.44 U	0.37 U	0.022	0.008 U	0.74
WQ-08	WQ8	0.006 U	9 UJ	9 UJ	0.005 UJ	0.007 UJ	2040	1950	0.83 U	0.39 U	0.039 UJ	0.013 UJ	0.8
WQ-08	WQ8	0.008 U	6 U	6 U	0.005 UJ	0.005 UJ	2990	2940	0.29 U	0.4 U	0.008 J	0.014 U	0.5
WQ-08	WQ8	0.006 U	6 U	6 U	0.007 UJ	0.007 UJ	2980	2980	0.35 U	0.45 U	0.011 J	0.31 U	0.51
WQ-08	WQ8	0.008 U	4 UJ	4 UJ	0.005 U	0.005 U	2590	2650	0.33 U	0.39 U	0.013 UJ	0.398 U	0.8 U
WQ-08	WQ8	0.02 U	5.3 UJ	4.7 UJ	0.005 UJ	0.005 UJ	1530	1480	0.57 U	0.64 U	0.032	0.205 U	1.7 U
WQ-08	WQ8	0.02 U	4 UJ	4 UJ	0.005 UJ	0.005 UJ	4480	4540	0.45 U	0.4 U	0.027	0.2 U	0.56
WQ-10	WQ10	1 U	100 U	100 U	0.017 U	0.017 U	2200	2140	1 U	1 U	0.3 U	0.3 U	2
WQ-10	WQ10	1 U	100 U	100 U	0.017 U	0.017 U	2910	2800	1 U	1 U	0.3 U	0.3 U	3.9
WQ-10	WQ10	1 U	100 U	100 U	0.017 U	0.017 U	1350	1360	1 U	1 U	0.3 U	0.3 U	1.9
WQ-10	WQ10	1 U	100 U	100 U	0.017 U	0.017 U	2420	2400	1 U	1 U	0.3 U	0.3 U	1 U
WQ-10	WQ10	0.5 U	10 U	10 U	0.017 U	0.017 U	1880	1850	0.5 U	0.5 U	0.1 U	0.1 U	0.83
WQ-10	WQ10	0.5 U	10 U	10 U	0.017 U	0.017 U	2730	2700	0.5 U	0.5 U	0.1 U	0.1 U	1.22
WQ-10	WQ10	0.5 U	10 U	10 U	0.017 U	0.017 U	3290	3310	0.5 U	0.5 U	0.1 U	0.1 U	1.57
WQ-10	WQ10	0.5 U	10 U	10 U	0.017 U	0.017 U	4890	4900	0.5 U	0.5 U	0.1 U	0.1 U	1.67
WQ-10	WQ10	0.006 U	17 U	9 U	0.015 U	0.013 U	3200	3260	0.34 U	0.39 U	0.047	0.041	1.19
WQ-10	WQ10	0.006 U	9 U	9 U	0.008 U	0.014 U	4300	4060	0.27 U	0.36 U	0.067 UJ	0.068	0.93
WQ-10	WQ10	0.003 U	9 U	9 U	0.005 U	0.008 UJ	3940	3780	0.37 U	0.36 U	0.042	0.039	1.09
WQ-10	WQ10	0.006 U	15.9 UJ	9 U	0.007 U	0.007 U	3830	3830	0.41 U	0.28 U	0.048	0.041	1.07
WQ-10	WQ10	0.006 U	9 U	9 U	0.012 U	0.01 U	2440	2600	0.46 U	0.36 U	0.095	0.079	1.44
WQ-10	WQ10	0.006 U	9 U	9 U	0.007 U	0.007 U	1510	1490	0.51 U	0.44 U	0.057	0.043	1.58
WQ-10	WQ10	0.006 U	9 U	9 U	0.026 UJ	0.009 UJ	2490	2550	0.47 U	1.03 U	0.068	0.056	1.01
WQ-10	WQ10	0.006 U	9 U	9 U	0.008 U	0.019 U	1660	1810	0.94 U	0.49 U	0.08	0.041 UJ	1.32 J
WQ-10	WQ10	0.008 U	6 U	6 U	0.02 UJ	0.005 U	3190	3020	0.43 U	0.34 U	0.037	0.015 J	0.75
WQ-10	WQ10	0.006 U	9 UJ	9 UJ	0.005 UJ	0.007 UJ	1630	1600	0.68 U	0.42 U	0.069	0.026 UJ	1.06
WQ-10	WQ10	0.008 U	6 U	6 U	0.006 UJ	0.005 UJ	2510	2450	0.55 U	0.48 U	0.119	0.029 U	2.33
WQ-10	WQ10	0.006 U	6 U	6 U	0.011 UJ	0.007 UJ	3200	3190	0.45 U	0.48 U	0.039	0.377 U	0.71
WQ-10	WQ10	0.008 U	4.5 UJ	4 UJ	0.005 U	0.008 J	3070	2940	0.57 U	0.43 U	0.028 UJ	0.35 U	0.94 U
WQ-10	WQ10	0.02 U	17.7 UJ	16.4 UJ	0.005 UJ	0.006 UJ	2730	2730	0.73 U	0.48 U	0.087	0.226 U	1.93 U
WQ-10	WQ10	0.02 U	12.5 UJ	13 UJ	0.005 UJ	0.005 UJ	4730	4600	0.54 U	0.5 U	0.059	0.418	0.99
WQ-10	WQ10	--	--	--	0.006 UJ	0.005 UJ	3030	3180	--	--	--	--	0.99

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Beryllium, Dissolved (ug/L)	Boron, Total (ug/L)	Boron, Dissolved (ug/L)	Cadmium, Total (ug/L)	Cadmium, Dissolved (ug/L)	Calcium, Total (ug/L)	Calcium, Dissolved (ug/L)	Chromium, Total (ug/L)	Chromium, Dissolved (ug/L)	Cobalt, Total (ug/L)	Cobalt, Dissolved (ug/L)	Copper, Total (ug/L)
WQ-12	WQ12	1 U	100 U	100 U	0.017 U	0.017 U	8640	8580	1 U	1 U	0.3 U	0.3 U	1 U
WQ-12	WQ12	1 U	100 U	100 U	0.017 U	0.017 U	2150	2190	1 U	1 U	0.3 U	0.3 U	1.5
WQ-12	WQ12	1 U	100 U	100 U	0.017 U	0.017 U	1240	1210	1 U	1 U	0.3 U	0.3 U	1
WQ-12	WQ12	1 U	100 U	100 U	0.017 U	0.017 U	4960	4950	1 U	1 U	0.3 U	0.3 U	1 U
WQ-12	WQ12	0.5 U	10 U	10 U	0.017 U	0.017 U	3890	3820	0.5 U	0.5 U	0.1 U	0.1 U	0.37
WQ-12	WQ12	0.5 U	10 U	10 U	0.017 U	0.017 U	22500	22500	0.5 U	0.5 U	0.1 U	0.1 U	0.1 U
WQ-12	WQ12	0.5 U	10 U	10 U	0.017 U	0.017 U	14800	14700	0.5 U	0.5 U	0.5	0.48	1.89
WQ-12	WQ12	0.5 U	10 U	10 U	0.017 U	0.017 U	15500	15200	0.5 U	0.5 U	0.18	0.18	0.39
WQ-12	WQ12	0.006 U	13 U	11 U	0.007 U	0.02 U	12800	12800	0.37 U	0.4 U	0.313	0.318	0.57
WQ-12	WQ12	0.006 U	9 U	9 U	0.013 U	0.017 U	15200	14900	0.31 U	0.4 U	0.246	0.242	0.58 UJ
WQ-12	WQ12	0.003 U	9 U	9 U	0.005 U	0.008 UJ	15500	15300	0.42 U	0.38 U	0.046	0.034	0.5
WQ-12	WQ12	0.006 U	9 U	9 U	0.007 UJ	0.007 U	13700	13200	0.3 U	0.32 U	0.053	0.055	0.51
WQ-12	WQ12	0.006 U	9 U	9 U	0.012 U	0.007 U	5030	5510	0.44 U	0.39 U	0.321	0.329	0.99
WQ-12	WQ12	0.006 U	9 U	9 U	0.007 U	0.007 U	1750	1760	0.48 U	0.44 U	0.073	0.065	1.14
WQ-12	WQ12	0.006 U	9 U	9 U	0.012 UJ	0.008 U	5550	5730	0.52 U	0.52 U	0.193	0.17	0.48
WQ-12	WQ12	0.006 U	9 U	12.1 UJ	0.014 U	0.018 U	2140	2230	0.51 U	0.43 U	0.096	0.074	0.96 J
WQ-12	WQ12	0.008 U	6 U	6 U	0.021 UJ	0.005 U	5820	5830	0.42 U	0.38 U	0.205	0.168	0.45
WQ-12	WQ12	0.006 U	9 UJ	9 UJ	0.005 UJ	0.007 UJ	1640	1760	1.04 U	0.44 U	0.09	0.053	0.67
WQ-12	WQ12	0.008 U	6 U	6 U	0.005 UJ	0.005 UJ	6290	6260	0.33 U	0.46 U	0.127	0.113 U	0.35
WQ-12	WQ12	0.006 U	6 U	6 U	0.007 UJ	0.007 UJ	5910	5720	0.39 U	0.47 U	0.105	0.12 U	0.39
WQ-12	WQ12	0.008 U	4 UJ	4 UJ	0.005 U	0.005 U	7380	7640	0.26 U	0.47 U	0.097	0.784	0.42 U
WQ-12	WQ12	0.02 U	4.7 UJ	4 UJ	0.005 UJ	0.005 UJ	2590	2530	0.65 U	0.88 U	0.097	0.566 U	1.5 U
WQ-12	WQ12	0.02 U	4 UJ	4 UJ	0.005 UJ	0.005 UJ	9560	9720	0.52 U	0.51 U	0.081	0.322	0.43
WQ-13	WQ13	1 U	100 U	100 U	0.017 U	0.017 U	6160	6210	1 U	1 U	0.3 U	0.3 U	1 U
WQ-13	WQ13	0.5 U	10 U	10 U	0.017 U	0.017 U	2870	3000	0.5 U	0.5 U	0.1 U	0.1 U	1.36
WQ-13	WQ13	0.5 U	10 U	10 U	0.017 U	0.017 U	4190	4130	0.5 U	0.5 U	0.1 U	0.1 U	1.08
WQ-13	WQ13	0.5 U	10 U	10 U	0.017 U	0.017 U	3650	3630	0.5 U	0.5 U	0.1 U	0.1 U	1.84
WQ-13	WQ13	0.5 U	10 U	10 U	0.017 U	0.017 U	7100	7210	0.5 U	0.5 U	0.1 U	0.1 U	1.07
WQ-13	WQ13	0.006 U	9 U	9 U	0.014 U	0.033 U	7510	7600	0.29 U	0.42 U	0.037	0.038	1.1
WQ-13	WQ13	0.006 U	9 U	9 U	0.011 U	0.016 U	10700	9990	0.22 U	0.34 U	0.123	0.095	3.74
WQ-13	WQ13	0.003 U	9 U	9 U	0.015 J	0.01 J	7820	7830	0.4 U	0.43 U	0.055	0.032	1.45
WQ-13	WQ13	0.006 U	9 U	9 U	0.015 UJ	0.007 U	8290	8040	0.35 U	0.21 U	0.034	0.04	0.96
WQ-13	WQ13	0.006 U	9 U	9 U	0.018 U	0.015 U	4800	4580	0.48 U	0.36 U	0.046	0.027	1.44
WQ-13	WQ13	0.006 U	9 U	9 U	0.007 U	0.007 U	3240	3300	0.61 U	0.43 U	0.075	0.029	2.47
WQ-13	WQ13	0.006 U	9 U	9 U	0.022 UJ	0.011 UJ	4710	4910	0.52 U	0.43 U	0.032 UJ	0.028 UJ	0.85
WQ-13	WQ13	0.006 U	9 U	9 U	0.016 U	0.026 U	3560	3700	0.61 U	0.43 U	0.036 UJ	0.024 UJ	1.43 J
WQ-13	WQ13	0.008 U	6 U	6 U	0.017 UJ	0.01 UJ	6980	6810	0.49 U	0.36 U	0.1	0.017 J	1.3
WQ-13	WQ13	0.006 U	9 UJ	9.6 UJ	0.007 UJ	0.007 UJ	3680	3820	0.66 U	0.37 U	0.073	0.021 UJ	1.17
WQ-13	WQ13	0.008 U	6 U	6 U	0.005 UJ	0.005 UJ	4410	4360	0.39 U	0.33 U	0.02	0.018 U	0.69
WQ-13	WQ13	0.006 U	6 U	6 U	0.009 UJ	0.009 UJ	4700	4530	0.82 U	0.74 U	0.024	0.27 U	0.74
WQ-13	WQ13	0.008 U	4 UJ	4 UJ	0.014 J	0.005 U	4130	4080	0.31 U	0.45 U	0.032 UJ	0.235 U	1.04 U
WQ-13	WQ13	0.02 U	4.8 UJ	6 UJ	0.007 UJ	0.008 UJ	3260	3220	0.63 U	0.53 U	0.039	0.125 U	1.84 U
WQ-13	WQ13	0.02 U	4 UJ	4 UJ	0.011 UJ	0.006 UJ	5420	5550	0.48 U	0.55 U	0.042	0.065 U	0.96

Notes:

Table C-1. Surface Wat

Station ID	Sample ID	Metals									
		Beryllium, Dissolved (ug/L)	Boron, Total (ug/L)	Boron, Dissolved (ug/L)	Cadmium, Total (ug/L)	Cadmium, Dissolved (ug/L)	Calcium, Total (ug/L)	Calcium, Dissolved (ug/L)	Chromium, Total (ug/L)	Chromium, Dissolved (ug/L)	Cobalt, Total (ug/L)

-- = data not available

Data Qualifiers:

J = The analyte was

U = The analyte wa

UJ = The analyte w

R = The sample res

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Copper, Dissolved (ug/L)	Iron, Total (ug/L)	Iron, Dissolved (ug/L)	Lead, Total (ug/L)	Lead, Dissolved (ug/L)	Lithium, Total (ug/L)	Lithium, Dissolved (ug/L)	Magnesium, Total (ug/L)	Magnesium, Dissolved (ug/L)	Manganese, Total (ug/L)	Manganese, Dissolved (ug/L)	Mercury, Total (ug/L)
WQ-04	WQ4	2 U	67	15	2.7	2 U	--	--	1000 U	--	21	10 U	200 U
WQ-04	WQ4	2 U	67	50 U	2 U	2 U	--	--	1000 U	--	10 U	10 U	200 U
WQ-04	WQ4	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	360	370	0.41	0.3 U	0.02 U
WQ-04	WQ4	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	1000	1020	0.3 U	0.3 U	0.02 U
WQ-04	WQ4	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	350	350	0.32	0.3 U	0.02 U
WQ-04	WQ4	1.6	76	36	0.5 U	0.5 U	5 U	5 U	680	670	4.67	3.07	0.02 U
WQ-04	WQ4	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	980	970	3.96	3.25	0.02 U
WQ-04	WQ4	1 U	1940	31	0.5 U	0.5 U	5 U	5 U	1120	420	74.4	6.11	0.02 U
WQ-04	WQ4	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	1010	980	1.36	1.16	0.02 U
WQ-04	WQ4	0.7	30 U	30 U	0.05 U	0.05 U	5 U	5 U	530	530	1.46	1.04	0.05 U
WQ-04	WQ4	0.95	125	30 U	0.05 U	0.05 U	5 U	5 U	510	480	3.26	1.25	0.05 U
WQ-04	WQ4	1.18	58	30 U	0.05 U	0.05 U	5 U	5 U	340	320	2.78	0.842	0.01 U
WQ-04	WQ4	1.01	38	30 U	0.05 U	0.05 U	5 U	5 U	730	740	2.71	1.13	0.01 U
WQ-04	WQ4	0.79	25	11 J	0.014 U	0.015 U	4 U	4 U	949	951	2.2	1.62	0.03 U
WQ-04	WQ4	0.58	10.6 U	5.6 U	0.011 UJ	0.009 U	4 U	4 U	1260	1220	1.59	1.47	0.03 U
WQ-04	WQ4	1.07 J	31 J	20 U	0.009 U	0.015 U	6.9 U	8.4 U	870	842	2.62	1.99	0.03 U
WQ-04	WQ4	0.73	37.8	21.3 UJ	0.014 UJ	0.007 UJ	4 UJ	4 UJ	1080	1060	3.48	2.65	0.03 U
WQ-04	WQ4	1.21	116	30 U	0.019 U	0.011 U	9.2 U	5 U	573	523	3.7	1.83	0.03 U
WQ-04	WQ4	1.44	396	46	0.057	0.009 J	4 U	4 U	552	418	12.1	2.66	0.03 U
WQ-04	WQ4	0.92	235	21.1	0.044	0.018 UJ	4 U	4 U	895	810	5.57	2.16	0.03 U
WQ-04	WQ4	1.95 J	805	18 J	0.21	0.023 UJ	4.7 J	4 U	933	533	23.9	5.36	0.03 U
WQ-04	WQ4	0.63	464	14.6 UJ	0.049	0.011 UJ	2 UJ	2 UJ	1280 J	1120 J	15.6	2.22	0.03 U
WQ-04	WQ4	0.93	3110	18.6 UJ	0.535	0.01 J	4 U	4 U	2130	641	69.5	4.83	0.03 U
WQ-04	WQ4	0.64	140	5.6 UJ	0.028 J	0.009 U	2 U	2 U	808 J	733 J	4.49 J	1.23 J	0.03 U
WQ-04	WQ4	0.55	245	12.3 UJ	0.088	0.026 UJ	2 UJ	2 UJ	818	730	5.96	2.36	0.03 U
WQ-04	WQ4	0.8	108	19 UJ	0.049 U	0.017 UJ	4 UJ	4 UJ	726	682	3.57 J	2.38 J	0.03 UJ
WQ-04	WQ4	1.51 U	292	31.7	0.088	0.033 UJ	4 UJ	4 UJ	470	350	9.91	3.04 U	0.05 U
WQ-04	WQ4	0.92	27.3 UJ	7.5 UJ	0.032	0.013 J	4 UJ	4 UJ	735 R	737 R	1.47 J	1.29 J	0.05 U
WQ-04	WQ4	0.81 U	51.4 UJ	17 UJ	0.016 UJ	0.012 UJ	--	--	569	635	--	--	0.05 U
WQ-06	WQ6	2 U	50 U	50 U	2.5	2.5	--	--	1000 U	--	10 U	10 U	200 U
WQ-06	WQ6	2 U	50 U	50 U	2 U	2 U	--	--	1000 U	--	10 U	10 U	200 U
WQ-06	WQ6	1.2	30 U	30 U	0.5 U	0.5 U	5 U	5 U	320	320	0.33	0.3 U	0.02 U
WQ-06	WQ6	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	800	800	0.3 U	0.3 U	0.02 U
WQ-06	WQ6	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	540	560	1.15	0.54	0.02 U
WQ-06	WQ6	1.7	30 U	30 U	0.5 U	0.5 U	5 U	5 U	470	470	1.11	0.73	0.02 U
WQ-06	WQ6	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	690	680	0.6	0.3 U	0.02 U
WQ-06	WQ6	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	390	380	2.97	0.83	0.02 U
WQ-06	WQ6	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	750	740	0.32	0.36	0.02 U
WQ-06	WQ6	0.69	30 U	30 U	0.05 U	0.05 U	5 U	5 U	410	410	0.468	0.275	0.05 U
WQ-06	WQ6	0.81	30 U	30 U	0.05 U	0.05 U	5 U	5 U	400	400	0.417	0.209	0.05 U
WQ-06	WQ6	1.04	30 U	30 U	0.05 U	0.05 U	5 U	5 U	230	230	0.662	0.323	0.01 U
WQ-06	WQ6	0.9	30 U	30 U	0.05 U	0.05 U	5 U	5 U	410	420	0.662	0.3	0.01 U
WQ-06	WQ6	0.81	17 J	23	0.011 U	0.007 U	4 U	4 U	546	579	1.03	0.41	0.03 U
WQ-06	WQ6	0.52	3 U	5 U	0.005 UJ	0.011 U	4 U	4.3 J	940	882	0.41 U	0.17 U	0.03 U

Table C-1. Surface Wat

Station ID	Sample ID	Metals											
		Copper, Dissolved (ug/L)	Iron, Total (ug/L)	Iron, Dissolved (ug/L)	Lead, Total (ug/L)	Lead, Dissolved (ug/L)	Lithium, Total (ug/L)	Lithium, Dissolved (ug/L)	Magnesium, Total (ug/L)	Magnesium, Dissolved (ug/L)	Manganese, Total (ug/L)	Manganese, Dissolved (ug/L)	Mercury, Total (ug/L)
WQ-06	WQ6	0.79 J	13 U	8.7 U	0.009 U	0.017 U	4.6 U	5.7 U	792	777	0.63	0.37	0.03 U
WQ-06	WQ6	0.67	7.3 UJ	7.2 UJ	0.008 UJ	0.003 U	4 UJ	4 UJ	766	740	0.63	0.3 U	0.03 U
WQ-06	WQ6	1.08	27.7 U	21.5 U	0.007 U	0.004 J	4 U	4 U	395	382	0.87	0.56	0.03 U
WQ-06	WQ6	1.13	43.4	25.1 UJ	0.018 J	0.007 J	4 U	4 U	335	340	1.76	1.37	0.03 U
WQ-06	WQ6	0.58	14.6 UJ	8.8 UJ	0.008 UJ	0.012 UJ	4 U	4 U	591	595	0.97	0.63	0.03 U
WQ-06	WQ6	0.7 J	49.2	16.5 J	0.016 UJ	0.012 UJ	4 U	4 U	451	445	1.84	1.01	0.03 U
WQ-06	WQ6	0.45	18.8 UJ	12.3 UJ	0.011 UJ	0.024 UJ	2 UJ	2 UJ	872 J	855 J	3.03	0.5	0.03 U
WQ-06	WQ6	0.7	20.9 UJ	17 UJ	0.009 U	0.014 J	4 U	4 U	545	510	0.79	0.59	0.03 U
WQ-06	WQ6	0.45 UJ	6 UJ	4.4 UJ	0.009 U	0.009 U	2 U	2 U	610 J	595 J	0.48 J	0.28 U	0.03 U
WQ-06	WQ6	0.37	26.5 UJ	9.2 UJ	0.005 UJ	0.017 UJ	2 UJ	2 UJ	602	597	1.79	0.69 U	0.03 U
WQ-06	WQ6	0.86	20.5	25.4 UJ	0.009 U	0.015 UJ	4 UJ	4 UJ	514	523	0.63 J	0.62 U	0.03 UJ
WQ-06	WQ6	1.11 U	50.9	21.4 UJ	0.014 J	0.062 UJ	4 UJ	4 UJ	236	226	2.22	0.94 U	0.05 U
WQ-06	WQ6	0.6	17.5 UJ	4 UJ	0.009 J	0.006 U	4 UJ	4 UJ	420 R	420 R	0.55 J	0.42 U	0.05 U
WQ-06	WQ6	0.81 U	58	8.5 UJ	0.043 UJ	0.01 UJ	--	--	440	409	--	--	0.05 U
WQ-07	WQ7	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	810	800	0.3 U	0.3 U	0.02 U
WQ-07	WQ7	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	230	240	0.42	0.3 U	0.02 U
WQ-07	WQ7	1.6	30 U	30 U	0.5 U	0.5 U	5 U	5 U	490	490	0.76	0.3 U	0.02 U
WQ-07	WQ7	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	700	700	0.34	0.3 U	0.02 U
WQ-07	WQ7	1 U	39	30 U	0.5 U	0.5 U	5 U	5 U	330	330	4.81	1.21	0.02 U
WQ-07	WQ7	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	790	780	0.3 U	0.3 U	0.02 U
WQ-07	WQ7	0.73	30 U	30 U	0.05 U	0.05 U	5 U	5 U	410	420	0.29	0.128	0.05 U
WQ-07	WQ7	0.8	30 U	30 U	0.05 U	0.05 U	5 U	5 U	380	380	0.255	0.077	0.05 U
WQ-07	WQ7	0.99	30 U	30 U	0.05 U	0.05 U	5 U	5 U	230	230	0.46	0.193	0.01 U
WQ-07	WQ7	0.87	30 U	30 U	0.05 U	0.05 U	5 U	5 U	430	410	0.312	0.094	0.01 U
WQ-07	WQ7	0.79	11 J	9.1 J	0.013 U	0.007 U	4 U	4 U	577	588	0.43	0.17 U	0.03 U
WQ-07	WQ7	0.44	8.4 U	3.6 U	0.01 UJ	0.006 U	4 U	4 U	1030	911	0.43 U	0.12 U	0.03 U
WQ-07	WQ7	0.74 J	10 U	8.2 U	0.009 U	0.015 U	5.7 U	8.4 U	814	792	0.39	0.42	0.03 U
WQ-07	WQ7	0.65	3.5 UJ	4 UJ	0.015 UJ	0.003 U	4 UJ	4 UJ	743	757	0.37	0.13 U	0.03 U
WQ-07	WQ7	1.06	19.4 U	15.9 U	0.008 U	0.006 U	4 U	4 U	394	387	0.51	0.2	0.03 U
WQ-07	WQ7	1.01	26.3 UJ	25.1 UJ	0.01 J	0.005 J	4 U	4 U	355	365	0.84	0.36	0.03 U
WQ-07	WQ7	0.69	6.8 UJ	10.1 UJ	0.005 UJ	0.003 UJ	4 U	4 U	592	606	0.37 UJ	0.13 UJ	0.03 U
WQ-07	WQ7	0.98 J	16.7 J	12.7 J	0.008 UJ	0.029 UJ	4 U	4 U	412	411	0.71	0.42	0.03 U
WQ-07	WQ7	0.34 UJ	4.4 UJ	5.5 UJ	0.01 UJ	0.014 UJ	2 UJ	2 UJ	923 J	914 J	0.3	0.11	0.03 U
WQ-07	WQ7	0.64	17.5 UJ	11.4 UJ	0.009 U	0.035	4 U	4 U	572	554	0.46	0.32	0.03 U
WQ-07	WQ7	0.45 UJ	4.3 UJ	3 UJ	0.009 U	0.009 U	2 U	2 U	614 J	601 J	0.27 J	0.1 U	0.03 U
WQ-07	WQ7	0.42	10.3 UJ	6.3 UJ	0.003 UJ	0.027 UJ	2 UJ	2 UJ	621	616	0.32	0.99 U	0.03 U
WQ-07	WQ7	0.97	16.8 J	6.8 UJ	0.022 U	0.018 UJ	4 UJ	4 UJ	517	511	0.42 J	0.18 U	0.03 UJ
WQ-07	WQ7	1.14 U	31.5	14.7 UJ	0.015 J	0.01 UJ	4 UJ	4 UJ	226	218	1.46	0.41 U	0.05 U
WQ-07	WQ7	0.63	4 UJ	18.1 UJ	0.006 J	0.007 J	4 UJ	4 UJ	433 R	421 R	0.33 J	0.79 J	0.05 U
WQ-08	WQ8	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	1100	1100	0.37	0.3 U	0.02 U
WQ-08	WQ8	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	300	300	1.05	0.3 U	0.02 U
WQ-08	WQ8	1.3	30 U	30 U	0.5 U	0.5 U	5 U	5 U	690	690	1.58	1.18	0.02 U
WQ-08	WQ8	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	930	930	1.74	1.24	0.02 U
WQ-08	WQ8	1 U	83	30 U	0.5 U	0.5 U	5 U	5 U	440	430	5.89	1.09	0.02 U

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Copper, Dissolved (ug/L)	Iron, Total (ug/L)	Iron, Dissolved (ug/L)	Lead, Total (ug/L)	Lead, Dissolved (ug/L)	Lithium, Total (ug/L)	Lithium, Dissolved (ug/L)	Magnesium, Total (ug/L)	Magnesium, Dissolved (ug/L)	Manganese, Total (ug/L)	Manganese, Dissolved (ug/L)	Mercury, Total (ug/L)
WQ-08	WQ8	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	900	920	0.58	0.36	0.02 U
WQ-08	WQ8	0.61	30 U	30 U	0.05 U	0.05 U	5 U	5 U	620	610	0.424	1.03	0.05 U
WQ-08	WQ8	0.68	33	30 U	0.05 U	0.05 U	5 U	5 U	690	680	3.89	0.482	0.05 U
WQ-08	WQ8	1.48	38	30 U	0.05 U	0.05 U	5 U	5 U	370	380	1.08	0.333	0.01 U
WQ-08	WQ8	3.67	30 U	30 U	0.05 U	0.087	5 U	5 U	820	800	0.3	0.738	0.01 U
WQ-08	WQ8	0.7	72	16 J	0.019 U	0.008 U	4 U	4 U	908	944	6.72	1.58	0.03 U
WQ-08	WQ8	0.45	16.6 U	7.9 U	0.007 UJ	0.009 U	4 U	4 U	1170	1120	2.78	2.02	0.03 U
WQ-08	WQ8	0.9 J	19 U	15 U	0.009 U	0.008 U	4 U	4 U	815	798	2.07	2.02	0.03 U
WQ-08	WQ8	0.53	12.5 UJ	13.9 UJ	0.007 UJ	0.003 U	4 UJ	4 UJ	1010	973	2.45	2.39	0.03 U
WQ-08	WQ8	1.35	30.2 U	26.5 U	0.006 U	0.006 U	4.2 U	4 U	443	423	1.75	0.67	0.03 U
WQ-08	WQ8	1.4	35.3	22.3 UJ	0.004 J	0.005 J	4 U	4 U	370	376	0.94	0.46	0.03 U
WQ-08	WQ8	0.59	10.5 UJ	3.8 UJ	0.003 U	0.003 U	4 U	4 U	681	714	0.74	0.63	0.03 U
WQ-08	WQ8	0.97 J	24.4	15 J	0.004 UJ	0.013 UJ	4 U	4 U	419	437	0.98	0.44	0.03 U
WQ-08	WQ8	0.44	8 UJ	9.4 UJ	0.004 UJ	0.009 U	2 UJ	2 UJ	905 J	872 J	0.76	0.64	0.03 U
WQ-08	WQ8	0.68	34.7 UJ	12.7 UJ	0.009 U	0.003 U	4 U	4 U	509	486	1.23	0.29	0.03 U
WQ-08	WQ8	0.55	3.9 UJ	3.2 UJ	0.009 U	0.009 U	2 U	2 U	600 J	587 J	0.38 J	0.32 U	0.03 U
WQ-08	WQ8	0.48	8.1 UJ	9.7 UJ	0.003 UJ	0.019 UJ	2 UJ	2 UJ	582	594	0.4	0.84 U	0.03 U
WQ-08	WQ8	1.32	14.2 J	14.5 UJ	0.009 U	0.046 UJ	4 UJ	4 UJ	562	579	0.38 J	0.85 U	0.03 UJ
WQ-08	WQ8	1.6 U	41.5	24.9	0.006 J	0.009 UJ	4 UJ	4 UJ	317	301	2.92	0.7 U	0.05 U
WQ-08	WQ8	0.54	18 UJ	7 UJ	0.006 U	0.006 U	4 UJ	4 UJ	739 R	751 R	0.99 J	1.03 J	0.05 U
WQ-10	WQ10	1.8	86	44	0.5 U	0.5 U	5 U	5 U	550	540	5.43	3.51	0.02 U
WQ-10	WQ10	1.4	541	88	0.5 U	0.5 U	5 U	5 U	720	650	17.5	6.75	0.02 U
WQ-10	WQ10	1 U	212	30 U	0.5 U	0.5 U	5 U	5 U	490	480	10.6	4.25	0.02 U
WQ-10	WQ10	1 U	55	30 U	0.5 U	0.5 U	5 U	5 U	590	580	1.97	1.5	0.02 U
WQ-10	WQ10	0.81	30 U	30 U	0.05 U	0.05 U	5 U	5 U	510	500	1.59	1.4	0.05 U
WQ-10	WQ10	0.88	102	36	0.05 U	0.05 U	5 U	5 U	620	610	5.55	3.16	0.05 U
WQ-10	WQ10	1.42	85	52	0.171	0.082	5 U	5 U	650	650	4.55	3.1	0.01 U
WQ-10	WQ10	0.73	32	30 U	0.05 U	0.05 U	5 U	5 U	850	840	2.42	1.84	0.01 U
WQ-10	WQ10	1.1	61	40	0.018 U	0.015 U	4 U	4 U	697	702	4.2	3.43	0.03 U
WQ-10	WQ10	0.98	37.5 U	22.8	0.06	0.006 U	4 U	4 U	846	789	4.53	4.03	0.03 U
WQ-10	WQ10	1.09 J	56	43	0.009 U	0.008 U	4.2 U	5.7 U	777	740	4.59	4.15	0.03 U
WQ-10	WQ10	1	52.1	37.2	0.008 UJ	0.003 UJ	4 UJ	4 UJ	774	764	4.82	3.94	0.03 U
WQ-10	WQ10	1.23	104	71 U	0.025 U	0.016 U	6.2 U	5.8 U	589	595	15.8	13.7	0.03 U
WQ-10	WQ10	1.55	113	50.2	0.019 J	0.02	4 U	4.5 UJ	411	403	5.77	4.96	0.03 U
WQ-10	WQ10	0.74	62.1	45.4	0.017 UJ	0.003 U	4 U	4 U	631	635	11.7	10.7	0.03 U
WQ-10	WQ10	0.89 J	107	29.5	0.029 UJ	0.03 UJ	4 U	4 U	522	546	9.94	7.51	0.03 U
WQ-10	WQ10	1.23	37.4 UJ	22.6 UJ	0.006 UJ	0.018 UJ	2 UJ	2 UJ	778 J	768 J	3.62	2.82	0.03 U
WQ-10	WQ10	0.82	107	23.4 UJ	0.033 J	0.01 J	4 U	4 U	500	466	5.28	3.14	0.03 U
WQ-10	WQ10	0.94	293	21 UJ	0.051	0.009 U	2 U	2 U	659 J	525 J	11.8 J	4.55 J	0.03 U
WQ-10	WQ10	0.63	53.3	14.1 UJ	0.025 UJ	0.024 UJ	2.1 UJ	2.1 UJ	674	667	6	6.11	0.03 U
WQ-10	WQ10	0.94	35.6	15.6 UJ	0.019 U	0.025 UJ	4 UJ	4 UJ	644	615	2.18 J	2.12 J	0.03 UJ
WQ-10	WQ10	1.77 U	104	31.9	0.054	0.028 UJ	4 UJ	4 UJ	632	602	6.72	4.79 U	0.05 U
WQ-10	WQ10	1.08	22.1 UJ	16.4 UJ	0.019 J	0.012 J	4 UJ	4 UJ	792 R	758 R	2.16 J	2.13 J	0.05 U
WQ-10	WQ10	0.93 U	30.1 UJ	23.2 UJ	0.019 UJ	0.015 UJ	--	--	584	623	--	--	0.05 U

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Copper, Dissolved (ug/L)	Iron, Total (ug/L)	Iron, Dissolved (ug/L)	Lead, Total (ug/L)	Lead, Dissolved (ug/L)	Lithium, Total (ug/L)	Lithium, Dissolved (ug/L)	Magnesium, Total (ug/L)	Magnesium, Dissolved (ug/L)	Manganese, Total (ug/L)	Manganese, Dissolved (ug/L)	Mercury, Total (ug/L)
WQ-12	WQ12	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	860	850	0.9	0.3 U	0.02 U
WQ-12	WQ12	1.4	32	31	0.5 U	0.5 U	5 U	5 U	400	400	0.67	0.34	0.02 U
WQ-12	WQ12	1 U	94	41	0.5 U	0.5 U	5 U	5 U	450	440	4.32	1.4	0.02 U
WQ-12	WQ12	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	690	700	0.3 U	0.3 U	0.02 U
WQ-12	WQ12	0.35	30 U	30 U	0.05 U	0.05 U	5 U	5 U	720	700	0.196	0.126	0.05 U
WQ-12	WQ12	0.1 U	30 U	30 U	0.05 U	0.05 U	5 U	5 U	1210	1200	0.05 U	0.05 U	0.05 U
WQ-12	WQ12	1.17	243	135	0.053	0.05 U	5 U	5 U	1790	1770	113	114	0.01 U
WQ-12	WQ12	0.51	35	30 U	0.05 U	0.05 U	5 U	5 U	1540	1510	53.1	53.4	0.01 U
WQ-12	WQ12	0.56 U	67	42	0.021 U	0.01 U	4 U	4 U	1380	1380	70.4	71.8	0.03 U
WQ-12	WQ12	0.58	36.8 U	28.6	0.014 UJ	0.012 U	4 U	4 U	1470	1420	42.6	43.4	0.03 U
WQ-12	WQ12	0.49 J	23 J	19 U	0.009 U	0.016 U	5 U	4 U	1520	1510	2.23	1.55	0.03 U
WQ-12	WQ12	0.46	35.4	26.5 UJ	0.013 UJ	0.003 U	4 UJ	4 UJ	1450	1390	4.54	4.29	0.03 U
WQ-12	WQ12	0.82	99.7	59.6 U	0.017 U	0.014 U	4 U	4 U	703	762	49.8	52.1	0.03 U
WQ-12	WQ12	1.27	84.1	35.9	0.007 J	0.005 J	4 U	4 U	385	383	9.11	7.95	0.03 U
WQ-12	WQ12	0.5	74.5	57.5	0.02 UJ	0.042	4 U	4 U	874	906	25.8	25	0.03 U
WQ-12	WQ12	0.7 J	92.3	37.2	0.025 UJ	0.013 UJ	4 U	5.4 J	493	494	12	10.3	0.03 U
WQ-12	WQ12	0.41	61.2 UJ	46.6 UJ	0.004 UJ	0.009 U	2 UJ	2 UJ	869 J	890 J	29.9	28.1	0.03 U
WQ-12	WQ12	0.58	67.2	30.7 UJ	0.009 U	0.016 J	4 U	4 U	410	426	7.96	6.5	0.03 U
WQ-12	WQ12	0.34 UJ	48.9	37.9	0.009 U	0.009 U	2 U	2 U	933 J	910 J	18.3 J	17.6 J	0.03 U
WQ-12	WQ12	0.43	71.8	35.2 UJ	0.003 UJ	0.016 UJ	2.1 UJ	2 UJ	916	898	16.3	11.2	0.03 U
WQ-12	WQ12	0.44 U	89.6	32.4 UJ	0.009 U	0.022 UJ	4 UJ	4 UJ	1120	1140	12.5 J	5.74 J	0.03 UJ
WQ-12	WQ12	1.3 U	76.1	38.1	0.018 J	0.012 UJ	4 UJ	4 UJ	455	446	11.3	6.34	0.05 U
WQ-12	WQ12	0.34	68.4	31.4 UJ	0.012 J	0.006 U	4 UJ	4 UJ	1000 R	1010 R	6.43 J	1.73 J	0.05 U
WQ-13	WQ13	1 U	30 U	30 U	0.5 U	0.5 U	5 U	5 U	780	790	0.76	0.62	0.02 U
WQ-13	WQ13	1.09	30 U	30 U	0.05	0.05 U	5 U	5 U	430	450	0.979	0.256	0.05 U
WQ-13	WQ13	1.09	30 U	30 U	0.05 U	0.05 U	5 U	5 U	520	520	0.443	0.259	0.05 U
WQ-13	WQ13	1.83	33	30 U	0.05 U	0.05 U	5 U	5 U	420	420	1.29	0.41	0.01 U
WQ-13	WQ13	0.99	30 U	30 U	0.05 U	0.05 U	5 U	5 U	700	710	1.35	0.857	0.01 U
WQ-13	WQ13	1.03	38	22	0.012 U	0.009 U	4 U	4 U	741	748	2.21	1.94	0.03 U
WQ-13	WQ13	0.75	72.8 U	15.6 U	0.183	0.006 U	4 U	4 U	997	917	4.96	3.31	0.03 U
WQ-13	WQ13	1.27 J	64	28 J	0.018 U	0.009 U	12 U	6.5 U	688	678	5.25	2.26	0.03 U
WQ-13	WQ13	0.96	34.8	24.8 UJ	0.011 UJ	0.003 U	4 UJ	4 UJ	782	752	2.55	2.26	0.03 U
WQ-13	WQ13	1.24	67.8	26.8	0.015 U	0.007 U	5.4 U	4 U	555	522	2.51	1.35	0.03 U
WQ-13	WQ13	1.83	170	37.6	0.029	0.009 J	4 U	4 U	431	413	5.88	1.46	0.03 U
WQ-13	WQ13	0.73	34.1	19.2 UJ	0.004 UJ	0.004 UJ	4 U	4 U	594	621	1.77	1.2	0.03 U
WQ-13	WQ13	1.18 J	51.4	22.7	0.013 UJ	0.035 UJ	4 U	4 U	513	523	1.8	0.96	0.03 U
WQ-13	WQ13	0.61	158	19.9 UJ	0.03 UJ	0.009 U	2 UJ	2 UJ	940 J	919 J	8.28	2.05	0.03 U
WQ-13	WQ13	0.91	60.4	13.8 UJ	0.019 J	0.029	4 U	4 U	569	581	2.2	0.55	0.03 U
WQ-13	WQ13	0.68	15.2 UJ	8.2 UJ	0.009 U	0.009 U	2 U	2 U	613 J	598 J	0.9 J	0.61 U	0.03 U
WQ-13	WQ13	0.64	32.6 UJ	15.8 UJ	0.003 UJ	0.017 UJ	2 UJ	2.2 UJ	604	592	1.21	1.15 U	0.03 U
WQ-13	WQ13	1.08	25.4	13.9 UJ	0.009 U	0.009 UJ	4 UJ	4 UJ	611	599	0.99 J	0.87 U	0.03 UJ
WQ-13	WQ13	1.6 U	39.4	24.5	0.026	0.008 UJ	4 UJ	4 UJ	409	398	1.2	0.89 U	0.05 U
WQ-13	WQ13	0.87	35.2 UJ	22.7 UJ	0.013 J	0.009 J	4 UJ	4 UJ	582 R	579 R	2.06 J	1.34 J	0.05 U

Notes:

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Copper, Dissolved (ug/L)	Iron, Total (ug/L)	Iron, Dissolved (ug/L)	Lead, Total (ug/L)	Lead, Dissolved (ug/L)	Lithium, Total (ug/L)	Lithium, Dissolved (ug/L)	Magnesium, Total (ug/L)	Magnesium, Dissolved (ug/L)	Manganese, Total (ug/L)	Manganese, Dissolved (ug/L)	Mercury, Total (ug/L)

-- = data not available

Data Qualifiers:

J = The analyte was

U = The analyte wa

UJ = The analyte w

R = The sample res

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Mercury, Dissolved (ug/L)	Molybdenum, Total (ug/L)	Molybdenum, Dissolved (ug/L)	Nickel, Total (ug/L)	Nickel, Dissolved (ug/L)	Potassium, Total (ug/L)	Potassium, Dissolved (ug/L)	Selenium, Total (ug/L)	Selenium, Dissolved (ug/L)	Silver, Total (ug/L)	Silver, Dissolved (ug/L)	Sodium, Total (ug/L)
WQ-04	WQ4	200 U	200 U	200 U	10 U	10 U	1000 U	--	5 U	5 U	0.5 U	0.5 U	3110
WQ-04	WQ4	200 U	--	--	10 U	10 U	1000 U	--	5 U	5 U	0.5 U	0.5 U	1270
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3400
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3000
WQ-04	WQ4	0.02 U	1 U	1 U	1.2	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2100
WQ-04	WQ4	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3600
WQ-04	WQ4	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2900
WQ-04	WQ4	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2200
WQ-04	WQ4	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-04	WQ4	0.01 U	0.058	0.063	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-04	WQ4	0.03 U	0.17 U	0.18 U	0.42 U	0.46	900 U	900 U	0.2 U	0.2 J	0.009 U	0.017 U	2810
WQ-04	WQ4	0.03 U	0.18 U	0.16 U	2.68 UJ	2.5 J	900 U	900 U	0.5 U	0.4 U	0.009 U	0.009 U	3320
WQ-04	WQ4	0.03 U	0.1 U	0.12 U	0.31	0.12 J	900 U	1090 U	0.6 U	0.2 U	0.005 U	0.003 U	2440
WQ-04	WQ4	0.03 U	0.17 UJ	0.19 UJ	0.31	0.38 UJ	900 U	900 U	0.2 J	0.2 J	0.009 U	0.009 U	2950
WQ-04	WQ4	0.03 U	0.09 U	0.1 U	0.21 U	0.25 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2200
WQ-04	WQ4	0.03 U	0.03 U	0.04 UJ	0.32	0.17 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2160
WQ-04	WQ4	0.03 U	0.08 UJ	0.14 UJ	0.56	0.42	900 U	900 U	0.2 J	0.2 U	0.009 UJ	0.009 U	3090
WQ-04	WQ4	0.03 U	0.13 UJ	0.13 UJ	0.67	0.21 UJ	900 U	900 U	0.2 U	0.2 U	0.01 UJ	0.009 U	3330
WQ-04	WQ4	0.03 U	0.18 UJ	0.18 UJ	0.95	0.18 UJ	408 UJ	313 UJ	0.4 J	0.5 J	0.052	0.006 J	4600
WQ-04	WQ4	0.03 U	0.13 UJ	0.08 UJ	2.39	0.27 UJ	900 U	900 U	0.5 J	0.2 U	0.037 UJ	0.009 UJ	4410
WQ-04	WQ4	0.03 U	0.07 UJ	0.08 U	0.5	0.43	304 J	272 J	0.4 U	0.4 U	0.024 UJ	0.05 UJ	3970
WQ-04	WQ4	0.03 U	0.12 UJ	0.09 UJ	0.39 UJ	0.26	332 J	316 J	0.2 U	0.2 U	0.009 R	0.009 R	4230
WQ-04	WQ4	0.03 UJ	0.13 UJ	0.11 UJ	0.45	0.4	316 J	303 J	0.4 U	0.4 U	0.017 UJ	0.005 UJ	3950
WQ-04	WQ4	0.05 U	0.14 UJ	0.04 UJ	0.56 UJ	0.12 UJ	196 J	208 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	1900
WQ-04	WQ4	0.05 U	0.15 UJ	0.1 UJ	0.61	0.57	152 J	144 J	0.4 U	0.4 U	0.009 UJ	0.009 UJ	2480
WQ-04	WQ4	0.05 U	--	--	0.04 UJ	0.04 UJ	187 J	134 UJ	0.5 U	0.5 U	0.009 U	0.009 U	2160
WQ-06	WQ6	200 U	200 U	200 U	10 U	10 U	1000 U	--	5 U	5 U	0.5 U	0.5 U	2230
WQ-06	WQ6	200 U	--	--	10 U	10 U	1000 U	--	5 U	5 U	0.5 U	0.5 U	1120
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3200
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2700
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2400
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-06	WQ6	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2900
WQ-06	WQ6	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2500
WQ-06	WQ6	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-06	WQ6	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-06	WQ6	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-06	WQ6	0.03 U	0.08 U	0.06 U	0.29 U	0.29 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1790
WQ-06	WQ6	0.03 U	0.07 U	0.06 U	1.4 UJ	1.34 J	900 U	900 U	0.5 U	0.3 U	0.009 U	0.009 U	2570

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Mercury, Dissolved (ug/L)	Molybdenum, Total (ug/L)	Molybdenum, Dissolved (ug/L)	Nickel, Total (ug/L)	Nickel, Dissolved (ug/L)	Potassium, Total (ug/L)	Potassium, Dissolved (ug/L)	Selenium, Total (ug/L)	Selenium, Dissolved (ug/L)	Silver, Total (ug/L)	Silver, Dissolved (ug/L)	Sodium, Total (ug/L)
WQ-06	WQ6	0.03 U	0.06 U	0.08 U	0.15 J	0.09 J	900 U	900 U	0.6 U	0.2 U	0.005 U	0.012 U	2140
WQ-06	WQ6	0.03 U	0.08 UJ	0.1 UJ	0.18 J	0.23 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2280
WQ-06	WQ6	0.03 U	0.04 U	0.05 U	0.09 U	0.3 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1820
WQ-06	WQ6	0.03 U	0.03 U	0.03 U	0.16 J	0.13 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1840
WQ-06	WQ6	0.03 U	0.03 UJ	0.03 UJ	0.26	0.25	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2550
WQ-06	WQ6	0.03 U	0.07 UJ	0.1 UJ	0.15 UJ	0.13 UJ	900 U	900 U	0.2 U	0.2 U	0.016 UJ	0.018 UJ	2630
WQ-06	WQ6	0.03 U	0.04 UJ	0.05 UJ	0.4 UJ	0.29 UJ	240 UJ	146 UJ	0.3 J	0.4 U	0.009 U	0.01 J	3690
WQ-06	WQ6	0.03 U	0.17 UJ	0.03 UJ	0.57	0.38	900 U	900 U	0.4 U	0.2 U	0.005 UJ	0.009 UJ	3600
WQ-06	WQ6	0.03 U	0.02 UJ	0.02 U	0.24	0.24	172 J	181 J	0.4 U	0.4 U	0.009 UJ	0.018 UJ	3360
WQ-06	WQ6	0.03 U	0.03 UJ	0.04 UJ	0.17 UJ	0.25 UJ	198 J	189 UJ	0.2 U	0.2 U	0.009 R	0.009 R	3930
WQ-06	WQ6	0.03 UJ	0.02 UJ	0.02 UJ	0.24	0.26 UJ	186 J	157 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3180
WQ-06	WQ6	0.05 U	0.02 UJ	0.02 UJ	0.36 UJ	0.29 UJ	102 J	114 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	1310
WQ-06	WQ6	0.05 U	0.07 UJ	0.02 UJ	0.09 UJ	0.18 UJ	100 U	100 U	0.4 U	0.4 U	0.009 UJ	0.009 UJ	1470
WQ-06	WQ6	0.05 U	--	--	0.04 UJ	0.04 UJ	115 UJ	52 UJ	0.5 U	0.5 U	0.009 U	0.009 U	1730
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3200
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2300
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-07	WQ7	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2900
WQ-07	WQ7	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2500
WQ-07	WQ7	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-07	WQ7	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-07	WQ7	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-07	WQ7	0.03 U	0.07 U	0.06 U	0.22 U	0.25 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1840
WQ-07	WQ7	0.03 U	0.06 U	0.06 U	1.42 UJ	1.32 J	900 U	900 U	0.4 U	0.4 U	0.009 U	0.009 U	2760
WQ-07	WQ7	0.03 U	0.05 U	0.08 U	0.21	0.08 J	900 U	900 U	0.6 U	0.2 U	0.005 U	0.006 U	2140
WQ-07	WQ7	0.03 U	0.06 UJ	0.08 UJ	0.18 J	0.19 UJ	900 U	900 U	0.2 J	0.2 U	0.009 U	0.009 U	2110
WQ-07	WQ7	0.03 U	0.04 U	0.03 U	0.14 U	0.19 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1800
WQ-07	WQ7	0.03 U	0.03 U	0.03 U	0.17 J	0.13 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	1930
WQ-07	WQ7	0.03 U	0.03 UJ	0.03 UJ	0.22	0.26	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2480
WQ-07	WQ7	0.03 U	0.04 UJ	0.05 UJ	0.14 UJ	0.15 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2430
WQ-07	WQ7	0.03 U	0.04 UJ	0.05 UJ	0.44 UJ	0.16 UJ	217 UJ	130 UJ	0.2 J	0.4 U	0.009 U	0.006 J	3580
WQ-07	WQ7	0.03 U	0.04 UJ	0.03 UJ	0.5	0.19 UJ	900 U	900 U	0.4 J	0.2 U	0.005 UJ	0.009 UJ	3680
WQ-07	WQ7	0.03 U	0.02 UJ	0.02 U	0.23	0.27	178 J	149 J	0.4 U	0.4 U	0.005 UJ	0.008 UJ	3340
WQ-07	WQ7	0.03 U	0.03 UJ	1.15	0.18 UJ	0.2 UJ	188 J	175 UJ	0.2 U	0.2 U	0.009 R	0.099 R	3940
WQ-07	WQ7	0.03 UJ	0.03 UJ	0.02 UJ	0.35	0.2 UJ	156 J	151 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3200
WQ-07	WQ7	0.05 U	0.02 UJ	0.02 UJ	0.04 UJ	0.06 UJ	100 U	132 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	1230
WQ-07	WQ7	0.05 U	0.05 UJ	0.04 UJ	0.09 UJ	0.19 UJ	100 U	100 U	0.4 U	0.4 U	0.021 UJ	0.009 UJ	1450
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3500
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2000 U
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3000
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2300

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Mercury, Dissolved (ug/L)	Molybdenum, Total (ug/L)	Molybdenum, Dissolved (ug/L)	Nickel, Total (ug/L)	Nickel, Dissolved (ug/L)	Potassium, Total (ug/L)	Potassium, Dissolved (ug/L)	Selenium, Total (ug/L)	Selenium, Dissolved (ug/L)	Silver, Total (ug/L)	Silver, Dissolved (ug/L)	Sodium, Total (ug/L)
WQ-08	WQ8	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3200
WQ-08	WQ8	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3100
WQ-08	WQ8	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2600
WQ-08	WQ8	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-08	WQ8	0.01 U	0.05 U	0.05 U	0.5 U	1.95	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-08	WQ8	0.03 U	0.09 U	0.08 U	0.35 U	0.46	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2780
WQ-08	WQ8	0.03 U	0.06 U	0.08 U	1.86 UJ	3.35 J	900 U	900 U	0.5 U	0.3 U	0.009 U	0.009 U	3190
WQ-08	WQ8	0.03 U	0.07 U	0.08 U	0.15 J	0.11 J	900 U	900 U	0.6 U	0.2 U	0.005 U	0.004 U	2370
WQ-08	WQ8	0.03 U	0.08 UJ	0.1 UJ	0.23	0.32 UJ	900 U	900 U	0.2 J	0.2 U	0.009 U	0.009 U	2940
WQ-08	WQ8	0.03 U	0.04 U	0.04 U	0.12 U	0.11 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2140
WQ-08	WQ8	0.03 U	0.03 U	0.03 U	0.21	0.13 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2030
WQ-08	WQ8	0.03 U	0.03 UJ	0.03 UJ	0.3	0.27	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2770
WQ-08	WQ8	0.03 U	0.04 UJ	0.05 UJ	0.16 UJ	0.2 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2500
WQ-08	WQ8	0.03 U	0.04 UJ	0.04 UJ	0.43 UJ	0.22 UJ	237 UJ	159 UJ	0.2 J	0.4 U	0.009 U	0.009 J	3740
WQ-08	WQ8	0.03 U	0.05 UJ	0.03 UJ	0.75	0.18 UJ	900 U	900 U	0.4 U	0.2 U	0.005 UJ	0.009 UJ	3550
WQ-08	WQ8	0.03 U	0.02 UJ	0.03 U	0.22	0.29	187 J	332 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3280
WQ-08	WQ8	0.03 U	0.03 UJ	0.4 UJ	0.13 UJ	0.19 UJ	228 J	207 UJ	0.2 U	0.2 U	0.009 R	0.036 R	3810
WQ-08	WQ8	0.03 UJ	0.02 UJ	0.02 UJ	0.16 J	0.23 UJ	236 J	181 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3310
WQ-08	WQ8	0.05 U	0.02 UJ	0.02 UJ	0.04 UJ	0.13 UJ	136 J	148 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	1620
WQ-08	WQ8	0.05 U	0.07 UJ	0.06 UJ	0.2 UJ	0.26 UJ	100 U	100 U	0.4 U	0.4 U	0.009 UJ	0.009 UJ	2340
WQ-10	WQ10	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2800
WQ-10	WQ10	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3400
WQ-10	WQ10	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2500
WQ-10	WQ10	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3400
WQ-10	WQ10	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3100
WQ-10	WQ10	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3100
WQ-10	WQ10	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2300
WQ-10	WQ10	0.01 U	0.05 U	0.05 U	0.63	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2800
WQ-10	WQ10	0.04 U	0.3 U	0.04 U	0.38 U	0.25 U	900 U	900 U	0.3 J	0.3 J	0.009 U	0.009 U	3370
WQ-10	WQ10	0.03 U	0.03 U	0.03 U	0.97 UJ	0.92 J	900 U	900 U	0.4 U	0.3 U	0.009 U	0.009 U	3560
WQ-10	WQ10	0.03 U	0.03 U	0.04 U	0.12 J	0.1 J	1080 U	977 U	0.6 U	0.2 U	0.005 U	0.004 U	3220
WQ-10	WQ10	0.03 U	0.04 UJ	0.05 UJ	0.31	0.38 UJ	900 U	900 U	0.2 J	0.3 J	0.009 U	0.009 U	3310
WQ-10	WQ10	0.03 U	0.04 U	0.03 U	0.1 U	0.14 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	3030
WQ-10	WQ10	0.03 U	0.03 U	0.03 U	0.16 J	0.14 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2600
WQ-10	WQ10	0.03 U	0.03 UJ	0.03 UJ	0.22	0.37	900 U	900 U	0.2 J	0.2 J	0.009 U	0.009 U	3240
WQ-10	WQ10	0.03 U	0.04 UJ	0.04 UJ	0.35 J	0.16 UJ	905 J	900 U	0.2 U	0.2 U	0.009 U	0.009 U	3440
WQ-10	WQ10	0.03 U	0.03 U	0.02 U	0.37 UJ	0.14 UJ	305 UJ	234 UJ	0.3 J	0.4 U	0.009 U	0.006 J	4450
WQ-10	WQ10	0.03 U	0.04 UJ	0.03 UJ	0.43	0.14 UJ	900 U	900 U	0.4 U	0.2 U	0.005 UJ	0.009 UJ	3570
WQ-10	WQ10	0.03 U	0.02 UJ	0.02 U	0.31	0.24	232 J	209 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3590
WQ-10	WQ10	0.03 U	0.03 UJ	0.22 UJ	0.22 UJ	0.24 UJ	301 J	307 J	0.2 U	0.2 U	0.009 R	0.022 R	4840
WQ-10	WQ10	0.03 UJ	0.02 UJ	0.02 UJ	0.21	0.32 UJ	275 J	255 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	4180
WQ-10	WQ10	0.05 U	0.08 UJ	0.07 UJ	0.23 UJ	0.08 UJ	366 J	333 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	5180
WQ-10	WQ10	0.05 U	0.07 UJ	0.05 UJ	0.24 UJ	0.27 UJ	267 J	265 J	0.4 U	0.4 U	0.009 UJ	0.009 UJ	5080
WQ-10	WQ10	0.05 U	--	--	0.04 UJ	0.04 UJ	208 J	141 UJ	0.5 U	0.5 U	0.009 U	0.009 U	3090

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Mercury, Dissolved (ug/L)	Molybdenum, Total (ug/L)	Molybdenum, Dissolved (ug/L)	Nickel, Total (ug/L)	Nickel, Dissolved (ug/L)	Potassium, Total (ug/L)	Potassium, Dissolved (ug/L)	Selenium, Total (ug/L)	Selenium, Dissolved (ug/L)	Silver, Total (ug/L)	Silver, Dissolved (ug/L)	Sodium, Total (ug/L)
WQ-12	WQ12	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3000
WQ-12	WQ12	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2500
WQ-12	WQ12	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	2400
WQ-12	WQ12	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3300
WQ-12	WQ12	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3300
WQ-12	WQ12	0.05 U	0.175	0.191	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3900
WQ-12	WQ12	0.101	0.133	0.148	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3900
WQ-12	WQ12	0.01 U	0.098	0.093	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	3500
WQ-12	WQ12	0.04 U	0.3 U	0.13 U	0.71	0.7	900 U	900 U	0.3 J	0.3 J	0.009 U	0.023 U	4070
WQ-12	WQ12	0.03 U	0.06 U	0.09 U	3.1 UJ	2.88 J	900 U	900 U	0.5 U	0.3 U	0.009 U	0.009 U	3940
WQ-12	WQ12	0.03 U	0.09 U	0.09 U	0.32	0.14 J	900 U	1010 U	0.6 U	0.2 U	0.005 U	0.003 U	3800
WQ-12	WQ12	0.03 U	0.09 UJ	0.1 UJ	0.4	0.53 UJ	900 U	900 U	0.3 J	0.3 J	0.009 U	0.009 U	3950
WQ-12	WQ12	0.03 U	0.06 U	0.06 U	0.17 U	0.3 U	900 U	900 U	0.2 J	0.2 U	0.009 U	0.009 U	2980
WQ-12	WQ12	0.03 U	0.03 U	0.03 U	0.16 J	0.15 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2490
WQ-12	WQ12	0.03 U	0.03 UJ	0.03 UJ	0.38	0.39	900 U	900 U	0.2 J	0.3 J	0.009 U	0.009 U	3360
WQ-12	WQ12	0.03 U	0.04 UJ	0.04 UJ	0.17 UJ	0.19 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	3020
WQ-12	WQ12	0.03 U	0.04 UJ	0.02 U	0.56	0.2 UJ	315 UJ	242 UJ	0.4 J	0.4 U	0.012 J	0.006 J	4000
WQ-12	WQ12	0.03 U	0.02 UJ	0.03 UJ	0.53	0.15 UJ	900 U	900 U	0.5 J	0.2 U	0.005 UJ	0.009 UJ	3140
WQ-12	WQ12	0.03 U	0.02 UJ	0.04 U	0.4	0.47	280 J	255 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3640
WQ-12	WQ12	0.03 U	0.04 UJ	0.15 UJ	0.23 UJ	0.23 UJ	264 J	268 UJ	0.2 U	0.2 U	0.009 R	0.014 R	4010
WQ-12	WQ12	0.03 UJ	0.04 UJ	0.04 UJ	0.4	0.64	317 J	275 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	4080
WQ-12	WQ12	0.05 U	0.03 UJ	0.03 UJ	0.19 UJ	0.16 UJ	206 J	168 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	2680
WQ-12	WQ12	0.05 U	0.08 UJ	0.06 UJ	0.53 UJ	0.5 UJ	112 J	100 U	0.4 U	0.4 U	0.009 UJ	0.009 UJ	3320
WQ-13	WQ13	0.02 U	1 U	1 U	1 U	1 U	2000 U	2000 U	1 U	1 U	0.02 U	0.02 U	3300
WQ-13	WQ13	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2700
WQ-13	WQ13	0.05 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2500
WQ-13	WQ13	0.01 U	0.05 U	0.05 U	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-13	WQ13	0.01 U	0.07	0.074	0.5 U	0.5 U	2000 U	2000 U	1 U	1 U	0.01 U	0.01 U	2000 U
WQ-13	WQ13	0.03 U	0.25 U	0.12 U	0.46	0.51	900 U	900 U	0.2 J	0.2 J	0.009 U	0.009 U	2750
WQ-13	WQ13	0.03 U	0.09 U	0.11 U	2.04 UJ	1.92 J	900 U	900 U	0.6 U	0.4 U	0.009 U	0.009 U	3260
WQ-13	WQ13	0.03 U	0.09 U	0.1 U	0.22	0.16 J	1630 U	1070 U	0.6 U	0.2 U	0.005 U	0.003 U	2410
WQ-13	WQ13	0.03 U	0.09 UJ	0.11 UJ	1.02	0.41 UJ	900 U	900 U	0.3 J	0.2 U	0.009 U	0.009 U	2770
WQ-13	WQ13	0.03 U	0.05 U	0.05 U	0.21 U	0.26 U	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2480
WQ-13	WQ13	0.03 U	0.03 U	0.03 U	0.26	0.19 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2110
WQ-13	WQ13	0.03 U	0.03 UJ	0.03 UJ	0.4	0.37	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2750
WQ-13	WQ13	0.03 U	0.06 UJ	0.06 UJ	0.24 UJ	0.22 UJ	900 U	900 U	0.2 U	0.2 U	0.009 U	0.009 U	2810
WQ-13	WQ13	0.03 U	0.04 UJ	0.02 UJ	0.73	0.21 UJ	240 UJ	160 UJ	0.3 J	0.4 J	0.009 J	0.01 J	3870
WQ-13	WQ13	0.03 U	0.04 UJ	0.04 UJ	1.04	0.25 UJ	900 U	900 U	0.4 U	0.2 U	0.005 UJ	0.009 UJ	3960
WQ-13	WQ13	0.03 U	0.05 UJ	0.05 U	0.34	0.38	166 J	149 J	0.4 U	0.4 U	0.13	0.005 UJ	3370
WQ-13	WQ13	0.03 U	0.06 UJ	0.12 UJ	0.26 UJ	0.3	194 J	211 UJ	0.2 U	0.2 U	0.009 R	0.014 R	3910
WQ-13	WQ13	0.03 UJ	0.05 UJ	0.03 UJ	0.25	0.56	216 J	201 J	0.4 U	0.4 U	0.005 UJ	0.005 UJ	3500
WQ-13	WQ13	0.05 U	0.04 UJ	0.04 UJ	0.27 UJ	0.04 UJ	133 J	113 J	0.5 U	0.5 U	0.009 UJ	0.009 UJ	2090
WQ-13	WQ13	0.05 U	0.07 UJ	0.05 UJ	0.29 UJ	0.29 UJ	100 U	100 U	0.4 U	0.4 U	0.009 UJ	0.009 UJ	2240

Notes:

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Mercury, Dissolved (ug/L)	Molybdenum, Total (ug/L)	Molybdenum, Dissolved (ug/L)	Nickel, Total (ug/L)	Nickel, Dissolved (ug/L)	Potassium, Total (ug/L)	Potassium, Dissolved (ug/L)	Selenium, Total (ug/L)	Selenium, Dissolved (ug/L)	Silver, Total (ug/L)	Silver, Dissolved (ug/L)	Sodium, Total (ug/L)

-- = data not available

Data Qualifiers:

- J = The analyte was
- U = The analyte wa
- UJ = The analyte w
- R = The sample res

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Sodium, Dissolved (ug/L)	Thallium, Total (ug/L)	Thallium, Dissolved (ug/L)	Tin, Total (ug/L)	Tin, Dissolved (ug/L)	Titanium, Total (ug/L)	Titanium, Dissolved (ug/L)	Uranium, Total (ug/L)	Uranium, Dissolved (ug/L)	Vanadium, Total (ug/L)	Vanadium, Dissolved (ug/L)	Zinc, Total (ug/L)
WQ-04	WQ4	--	--	--	--	--	--	--	--	--	--	--	90
WQ-04	WQ4	--	--	--	--	--	--	--	--	--	--	--	7 U
WQ-04	WQ4	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	3500	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	2700	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	3000	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	2100	0.2 U	0.2 U	0.5 U	0.5 U	87	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	3300	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-04	WQ4	2900	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-04	WQ4	2200	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-04	WQ4	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-04	WQ4	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-04	WQ4	2860	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.01 J	0.01 J	0.36	0.31	2.67 U
WQ-04	WQ4	3240	0.003 U	0.003 U	0.08 R	0.04 R	2 U	2 U	0.014 J	0.013 J	0.34	0.41	1.78 U
WQ-04	WQ4	2470	0.003 U	0.003 U	0.02 UJ	0.03 UJ	2 U	2.7 U	0.01 U	0.009 U	0.33	0.32	12.3 U
WQ-04	WQ4	2940	0.005 UJ	0.004 UJ	0.05 R	0.04 R	3 J	2.3 J	0.012 J	0.011 J	0.34	0.32	3 U
WQ-04	WQ4	2170	0.003 U	0.003 U	0.04 R	0.04 R	7 J	2 U	0.008 J	0.01 J	0.45	0.26 U	3.13 U
WQ-04	WQ4	2160	0.003 U	0.003 U	0.04 U	0.08 UJ	14	2 U	0.009 J	0.005 U	0.97	0.28	3.14 U
WQ-04	WQ4	3010	0.003 U	0.003 U	0.04 R	0.04 R	7.4 J	2 U	0.008 UJ	0.006 UJ	0.75	0.34	7.26 U
WQ-04	WQ4	3280	0.003 U	0.003 U	0.71 R	0.04 R	22.4	2 U	0.017 UJ	0.005 U	1.93	0.32 UJ	5.33 J
WQ-04	WQ4	4710	0.003 U	0.003 U	0.04 R	0.02 R	14.6 J	3 UJ	0.023	0.012 J	1.17	0.23	2.7 U
WQ-04	WQ4	4720	0.003 U	0.009 U	0.02 U	0.04 U	67	2 U	0.036	0.006 J	5.36	0.19 J	13 U
WQ-04	WQ4	3700	0.003 U	0.003 U	0.02 UJ	0.02 UJ	4.9 J	3 U	0.01 J	0.008 J	0.53	0.24	9 U
WQ-04	WQ4	4310	0.003 UJ	0.003 UJ	0.04 U	0.04 U	4.3 J	3 U	0.008 J	0.006 J	0.74	0.2 UJ	1.09 U
WQ-04	WQ4	3930	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	1.5 J	0.3 J	0.01 J	0.004 U	0.43	0.22	3.6 U
WQ-04	WQ4	1890	0.005 U	0.005 U	0.02 UJ	0.01 UJ	8.6 J	0.7 J	0.02 U	0.02 U	0.83	0.26	5.4 U
WQ-04	WQ4	2480	0.005 U	0.005 U	0.05 UJ	0.02 UJ	0.3 U	0.3 U	0.02 U	0.02 U	0.39 UJ	0.34	1.5 U
WQ-04	WQ4	2440	--	--	--	--	--	--	--	--	--	--	1.2 U
WQ-06	WQ6	--	--	--	--	--	--	--	--	--	--	--	7 U
WQ-06	WQ6	--	--	--	--	--	--	--	--	--	--	--	7 U
WQ-06	WQ6	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	3200	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2800	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2400	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2900	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-06	WQ6	2500	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-06	WQ6	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-06	WQ6	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-06	WQ6	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-06	WQ6	1920	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.005 U	0.006 J	0.13 J	0.13 J	7.06 U
WQ-06	WQ6	2450	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.11 J	0.16 J	0.6 U

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Sodium, Dissolved (ug/L)	Thallium, Total (ug/L)	Thallium, Dissolved (ug/L)	Tin, Total (ug/L)	Tin, Dissolved (ug/L)	Titanium, Total (ug/L)	Titanium, Dissolved (ug/L)	Uranium, Total (ug/L)	Uranium, Dissolved (ug/L)	Vanadium, Total (ug/L)	Vanadium, Dissolved (ug/L)	Zinc, Total (ug/L)
WQ-06	WQ6	2140	0.003 U	0.003 U	0.03 UJ	0.07 U	2 U	2.2 U	0.005 U	0.006 U	0.14 U	0.18 J	5.2 U
WQ-06	WQ6	2200	0.003 U	0.003 U	0.04 R	0.04 R	5.1 J	4.6 J	0.005 U	0.005 U	0.14 J	0.12 J	5.8 U
WQ-06	WQ6	1790	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.006 J	0.01 J	0.16 U	0.13 U	4.57 U
WQ-06	WQ6	1870	0.003 U	0.003 U	0.04 U	0.04 UJ	2 U	2 U	0.005 U	0.005 U	0.08 J	0.13 J	2.67 U
WQ-06	WQ6	2490	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.15 J	0.09 J	4.77 U
WQ-06	WQ6	2600	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.19 UJ	0.14 UJ	8.66 J
WQ-06	WQ6	3680	0.003 U	0.003 U	0.04 R	0.02 R	3 UJ	3 UJ	0.005 U	0.004 U	0.1 J	0.12 J	7 U
WQ-06	WQ6	3450	0.003 U	0.009 U	0.02 U	0.04 U	2 U	2 U	0.004 U	0.005 U	0.08 U	0.09 J	3.7 U
WQ-06	WQ6	3330	0.003 U	0.003 U	0.02 UJ	0.02 UJ	3 U	3 U	0.004 U	0.004 J	0.09 J	0.12 J	23.4 J
WQ-06	WQ6	3830	0.003 UJ	0.003 UJ	0.04 U	0.04 U	3 U	3 U	0.005 U	0.005 U	0.16 UJ	0.14 UJ	1.55 U
WQ-06	WQ6	3230	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	0.3 J	0.3 J	0.004 U	0.004 U	0.08 U	0.08 U	5.2 U
WQ-06	WQ6	1310	0.005 U	0.005 U	0.01 UJ	0.01 UJ	1.4 J	0.4 J	0.02 U	0.02 U	0.15 J	0.12 J	2.2 U
WQ-06	WQ6	1480	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.3 U	0.3 U	0.02 U	0.02 U	0.18 UJ	0.19 J	2.2 U
WQ-06	WQ6	1690	--	--	--	--	--	--	--	--	--	--	1.57 U
WQ-07	WQ7	3200	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2300	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2900	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-07	WQ7	2600	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-07	WQ7	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-07	WQ7	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-07	WQ7	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-07	WQ7	1890	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.006 J	0.007 J	0.14 J	0.12 J	7.7 U
WQ-07	WQ7	2460	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.006 J	0.11 J	0.14 J	0.62 U
WQ-07	WQ7	2120	0.003 U	0.003 U	0.02 UJ	0.04 U	2 U	3 U	0.004 U	0.005 U	0.13 U	0.17 J	4.5 U
WQ-07	WQ7	2180	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.007 J	0.005 J	0.12 J	0.12 J	4.9 U
WQ-07	WQ7	1780	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.007 J	0.007 J	0.15 U	0.11 U	4.91 U
WQ-07	WQ7	1930	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.005 U	0.005 U	0.07 J	0.05 J	3.81 U
WQ-07	WQ7	2410	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.11 J	0.14 J	5.95 U
WQ-07	WQ7	2390	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.07 UJ	0.1 UJ	4.5 U
WQ-07	WQ7	3640	0.003 U	0.003 U	0.04 R	0.02 R	3 UJ	3 UJ	0.005 U	0.004 U	0.1 J	0.12 J	19 J
WQ-07	WQ7	3650	0.003 U	0.009 U	0.02 U	0.06 J	2 U	2 U	0.004 U	0.005 U	0.08 U	0.05 J	6.5 U
WQ-07	WQ7	3230	0.003 U	0.003 U	0.02 UJ	0.02 UJ	3 U	3 U	0.004 U	0.004 U	0.09 J	0.09 J	4.1 U
WQ-07	WQ7	3830	0.003 UJ	0.005 UJ	0.04 U	0.04 U	3 U	3 U	0.005 U	0.005 U	0.11 UJ	0.13 UJ	0.63 U
WQ-07	WQ7	3170	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	0.3 U	0.3 U	0.004 U	0.004 U	0.08 U	0.08 U	4.6 U
WQ-07	WQ7	1210	0.005 U	0.005 U	0.01 UJ	0.01 UJ	1.3 J	0.8 J	0.02 U	0.02 U	0.13 J	0.12 J	7.7 U
WQ-07	WQ7	1400	0.005 U	0.005 U	0.12 UJ	0.07 UJ	0.3 U	0.3 U	0.02 U	0.02 U	0.17 UJ	0.16 J	1 U
WQ-08	WQ8	3500	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-08	WQ8	2000 U	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-08	WQ8	2000	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-08	WQ8	3000	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-08	WQ8	2200	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Sodium, Dissolved (ug/L)	Thallium, Total (ug/L)	Thallium, Dissolved (ug/L)	Tin, Total (ug/L)	Tin, Dissolved (ug/L)	Titanium, Total (ug/L)	Titanium, Dissolved (ug/L)	Uranium, Total (ug/L)	Uranium, Dissolved (ug/L)	Vanadium, Total (ug/L)	Vanadium, Dissolved (ug/L)	Zinc, Total (ug/L)
WQ-08	WQ8	3200	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-08	WQ8	3100	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-08	WQ8	2600	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-08	WQ8	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	2 U
WQ-08	WQ8	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-08	WQ8	2930	0.003 U	0.003 U	0.04 U	0.04 U	3.9 J	2 U	0.005 J	0.005 U	0.33	0.2 J	2.43 U
WQ-08	WQ8	3040	0.003 U	0.003 U	0.04 R	0.08 R	2 U	2 U	0.005 U	0.005 U	0.2 J	0.2	1.04 U
WQ-08	WQ8	2350	0.003 U	0.003 U	0.02 UJ	0.03 U	2 U	2.7 U	0.004 U	0.004 U	0.18 J	0.21	2.1 U
WQ-08	WQ8	2850	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.18 J	0.18 J	5.2 U
WQ-08	WQ8	2070	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.24 U	0.17 U	6.76 U
WQ-08	WQ8	2040	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.005 U	0.005 U	0.14 J	0.17 J	3.78 U
WQ-08	WQ8	2760	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.16 J	0.14 J	3.49 U
WQ-08	WQ8	2530	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.2 UJ	0.13 UJ	1.84 U
WQ-08	WQ8	3660	0.003 U	0.003 U	0.04 R	0.02 R	3 UJ	3 UJ	0.005 U	0.004 U	0.17 J	0.13 J	3.3 U
WQ-08	WQ8	3480	0.003 U	0.009 U	0.02 U	0.04 U	2 U	2 U	0.004 U	0.005 U	0.08 U	0.15 J	6.9 U
WQ-08	WQ8	3290	0.003 U	0.003 U	0.02 UJ	0.02 UJ	3 U	3 U	0.004 U	0.004 U	0.13 J	0.16 J	5.7 U
WQ-08	WQ8	3820	0.003 UJ	0.003 UJ	0.04 U	0.04 U	3 U	3 U	0.005 U	0.005 U	0.13 UJ	0.16 UJ	2.34 U
WQ-08	WQ8	3420	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	0.3 U	0.3 U	0.004 U	0.004 U	0.11 J	0.12 J	2.6 U
WQ-08	WQ8	1620	0.005 U	0.005 U	0.01 UJ	0.01 UJ	1.4 J	0.5 J	0.02 U	0.02 U	0.26	0.2 J	2.8 U
WQ-08	WQ8	2350	0.005 U	0.005 U	0.06 UJ	0.04 UJ	0.3 U	0.3 U	0.02 U	0.02 U	0.25 UJ	0.22	1 U
WQ-10	WQ10	2600	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-10	WQ10	3400	0.2 U	0.2 U	0.5 U	0.5 U	34	10 U	0.2 U	0.2 U	30 U	30 U	9.7
WQ-10	WQ10	2600	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-10	WQ10	3400	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-10	WQ10	3100	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-10	WQ10	3200	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-10	WQ10	2300	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-10	WQ10	2800	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1.5
WQ-10	WQ10	3490	0.003 U	0.003 U	0.04 U	0.04 U	3 J	2.1 J	0.005 U	0.005 U	0.28	0.23	4.1 U
WQ-10	WQ10	3320	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.22	0.21	1.46 U
WQ-10	WQ10	3100	0.003 U	0.003 U	0.02 UJ	0.03 UJ	2.4 U	2.4 U	0.004 U	0.002 U	0.23	0.22	3.8 U
WQ-10	WQ10	3280	0.003 U	0.003 U	0.04 R	0.04 R	2.6 J	2.1 J	0.005 U	0.005 U	0.25	0.19 J	2.8 U
WQ-10	WQ10	3110	0.003 U	0.003 U	0.04 R	0.04 R	4.8 J	2 U	0.005 U	0.005 U	0.39	0.23 U	2.98 U
WQ-10	WQ10	2600	0.003 U	0.003 U	0.04 U	0.04 U	5.3 J	2 U	0.005 U	0.005 U	0.28	0.22	4.22 U
WQ-10	WQ10	3110	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.24	0.21	5.9 U
WQ-10	WQ10	3600	0.003 U	0.003 U	0.04 R	0.04 R	4.9 J	2 U	0.005 U	0.005 U	0.33 UJ	0.2 UJ	3.94 U
WQ-10	WQ10	4450	0.003 U	0.003 U	0.04 R	0.03 R	3 UJ	3 UJ	0.005 U	0.004 U	0.16 J	0.13 J	5.5 U
WQ-10	WQ10	3620	0.003 U	0.009 U	0.02 U	0.04 U	4.6 J	2 U	0.004 U	0.005 U	0.27	0.07 J	4 U
WQ-10	WQ10	3470	0.003 U	0.003 U	0.02 UJ	0.02 UJ	11.2	3 U	0.006 J	0.004 U	0.83	0.23	3.8 U
WQ-10	WQ10	4830	0.003 UJ	0.003 UJ	0.04 U	0.04 U	3 U	3 U	0.005 U	0.005 U	0.25	0.2 UJ	1.71 U
WQ-10	WQ10	4000	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	0.8 J	0.3 U	0.004 U	0.005 J	0.17 J	0.17 J	4.1 U
WQ-10	WQ10	5130	0.005 U	0.005 U	0.01 UJ	0.01 UJ	4.8 J	0.9 J	0.02 U	0.02 U	0.47	0.28	1.5 U
WQ-10	WQ10	4820	0.005 U	0.005 U	0.06 UJ	0.03 UJ	0.3 J	0.3 U	0.02 U	0.02 U	0.31 UJ	0.29	2.9 U
WQ-10	WQ10	3230	--	--	--	--	--	--	--	--	--	--	1.7 U

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Sodium, Dissolved (ug/L)	Thallium, Total (ug/L)	Thallium, Dissolved (ug/L)	Tin, Total (ug/L)	Tin, Dissolved (ug/L)	Titanium, Total (ug/L)	Titanium, Dissolved (ug/L)	Uranium, Total (ug/L)	Uranium, Dissolved (ug/L)	Vanadium, Total (ug/L)	Vanadium, Dissolved (ug/L)	Zinc, Total (ug/L)
WQ-12	WQ12	3000	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-12	WQ12	2400	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-12	WQ12	2400	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-12	WQ12	3300	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-12	WQ12	3200	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-12	WQ12	3800	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.044	0.041	1 U	1 U	1 U
WQ-12	WQ12	3900	0.1 U	0.1 U	0.1 U	0.1 U	20	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-12	WQ12	3400	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-12	WQ12	4070	0.003 U	0.003 U	0.04 U	0.04 U	3 J	2 U	0.005 U	0.005 U	0.27	0.24	6.2 U
WQ-12	WQ12	3800	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.18 J	0.2 J	1.11 U
WQ-12	WQ12	3820	0.003 U	0.003 U	0.02 UJ	0.03 U	2 U	2 U	0.004 U	0.002 U	0.2	0.19 J	4.1 U
WQ-12	WQ12	3770	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2.1 J	0.005 U	0.005 U	0.19 J	0.17 J	3.9 U
WQ-12	WQ12	3060	0.003 U	0.003 U	0.04 R	0.04 R	4.3 J	2 U	0.005 U	0.005 U	0.37	0.22 U	3.13 U
WQ-12	WQ12	2510	0.003 U	0.003 U	0.04 U	0.04 U	2.9 J	2 U	0.005 U	0.005 U	0.24	0.15 J	3.09 U
WQ-12	WQ12	3290	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.23	0.19 J	3.66 U
WQ-12	WQ12	3070	0.003 U	0.003 U	0.04 R	0.04 R	3.6 J	2 U	0.005 U	0.005 U	0.24 UJ	0.17 UJ	7 J
WQ-12	WQ12	4210	0.003 U	0.003 U	0.04 R	0.02 R	3 UJ	3 UJ	0.005 U	0.004 U	0.15 J	0.13 J	5.6 U
WQ-12	WQ12	3370	0.003 U	0.009 U	0.02 U	0.04 U	2 U	2 U	0.004 U	0.005 U	0.11 J	0.09 J	3.3 U
WQ-12	WQ12	3580	0.003 U	0.003 U	0.02 UJ	0.02 UJ	3 U	3 U	0.004 U	0.004 U	0.12 J	0.13 J	4.7 U
WQ-12	WQ12	3850	0.003 UJ	0.003 UJ	0.04 U	0.15	3 U	3 U	0.005 U	0.005 U	0.2 UJ	0.12 UJ	0.92 U
WQ-12	WQ12	4150	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	2.5 J	0.3 J	0.004 U	0.004 U	0.14 J	0.08 U	3 U
WQ-12	WQ12	2680	0.005 U	0.005 U	0.01 UJ	0.01 UJ	2.3 J	0.6 J	0.02 U	0.02 U	0.29	0.21	10.6 U
WQ-12	WQ12	3320	0.005 U	0.005 U	0.02 UJ	0.03 UJ	0.5 J	0.3 U	0.02 U	0.02 U	0.25 UJ	0.21	2.5 U
WQ-13	WQ13	3300	0.2 U	0.2 U	0.5 U	0.5 U	10 U	10 U	0.2 U	0.2 U	30 U	30 U	5 U
WQ-13	WQ13	2800	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	3 U
WQ-13	WQ13	2500	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-13	WQ13	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1 U
WQ-13	WQ13	2000 U	0.1 U	0.1 U	0.1 U	0.1 U	10 U	10 U	0.01 U	0.01 U	1 U	1 U	1
WQ-13	WQ13	2800	0.003 U	0.003 U	0.04 U	0.04 U	2 U	2 U	0.005 U	0.005 U	0.18 J	0.17 J	4.75 U
WQ-13	WQ13	3040	0.003 U	0.003 U	0.04 R	0.04 R	2.3 J	2 U	0.005 J	0.005 U	0.22	0.17 J	2.6 U
WQ-13	WQ13	2380	0.003 U	0.003 U	0.02 UJ	0.03 UJ	2.4 U	2.7 U	0.004 U	0.004 U	0.21	0.17 J	5.1 U
WQ-13	WQ13	2660	0.003 U	0.003 U	0.04 R	0.05 R	2 U	2 U	0.005 U	0.005 U	0.16 J	0.15 J	4.6 U
WQ-13	WQ13	2380	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 J	0.005 U	0.27 U	0.15 U	3.61 U
WQ-13	WQ13	2170	0.003 U	0.003 U	0.04 U	0.04 U	6.1 J	2 U	0.005 U	0.005 U	0.44	0.11 J	3.93 U
WQ-13	WQ13	2730	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.17 J	0.13 J	2.18 U
WQ-13	WQ13	2880	0.003 U	0.003 U	0.04 R	0.04 R	2 U	2 U	0.005 U	0.005 U	0.21 UJ	0.13 UJ	4.18 U
WQ-13	WQ13	3990	0.003 U	0.003 U	0.04 R	0.02 R	5.3 J	3 UJ	0.006 J	0.004 U	0.36	0.12 J	7.9 U
WQ-13	WQ13	4180	0.003 U	0.009 U	0.02 U	0.04 U	2 U	2 U	0.004 U	0.005 U	0.15 J	0.08 J	4 U
WQ-13	WQ13	3320	0.003 U	0.003 U	0.02 UJ	0.02 UJ	3 U	3 U	0.004 U	0.004 U	0.12 J	0.08 U	2.2 U
WQ-13	WQ13	3760	0.003 UJ	0.003 UJ	0.04 U	0.04 U	3 U	3 U	0.005 U	0.005 U	0.16 UJ	0.09 UJ	1.95 U
WQ-13	WQ13	3430	0.003 UJ	0.003 UJ	0.02 UJ	0.02 UJ	0.3 J	0.3 J	0.004 U	0.004 U	0.09 J	0.08 U	2.6 U
WQ-13	WQ13	2070	0.005 U	0.005 U	0.01 UJ	0.01 UJ	0.9 J	0.3 U	0.02 U	0.02 U	0.21	0.14 J	9.2 U
WQ-13	WQ13	2190	0.005 U	0.005 U	0.03 UJ	0.01 UJ	0.3 U	0.3 U	0.02 U	0.02 U	0.25 UJ	0.21	1.5 U

Notes:

Table C-1. Surface Wat

		Metals											
Station ID	Sample ID	Sodium, Dissolved (ug/L)	Thallium, Total (ug/L)	Thallium, Dissolved (ug/L)	Tin, Total (ug/L)	Tin, Dissolved (ug/L)	Titanium, Total (ug/L)	Titanium, Dissolved (ug/L)	Uranium, Total (ug/L)	Uranium, Dissolved (ug/L)	Vanadium, Total (ug/L)	Vanadium, Dissolved (ug/L)	Zinc, Total (ug/L)

-- = data not available

Data Qualifiers:

J = The analyte was

U = The analyte wa

UJ = The analyte w

R = The sample res

Table C-1. Surface Wat

Station ID	Sample ID	Zinc, Dissolved (ug/L)
WQ-04	WQ4	110
WQ-04	WQ4	7 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	5 U
WQ-04	WQ4	1 U
WQ-04	WQ4	1 U
WQ-04	WQ4	1 U
WQ-04	WQ4	1.7
WQ-04	WQ4	16.7 J
WQ-04	WQ4	5.46 J
WQ-04	WQ4	10.7 U
WQ-04	WQ4	18.3 U
WQ-04	WQ4	1.58 U
WQ-04	WQ4	3.65 U
WQ-04	WQ4	5.85 U
WQ-04	WQ4	6.21 U
WQ-04	WQ4	2.9 U
WQ-04	WQ4	4.62 U
WQ-04	WQ4	7.9 U
WQ-04	WQ4	0.85 U
WQ-04	WQ4	6.4 U
WQ-04	WQ4	11.8 U
WQ-04	WQ4	1.2 U
WQ-04	WQ4	1.38 U
WQ-06	WQ6	7 U
WQ-06	WQ6	7 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	5 U
WQ-06	WQ6	1 U
WQ-06	WQ6	1.5
WQ-06	WQ6	1.4
WQ-06	WQ6	1.3
WQ-06	WQ6	5.99 U
WQ-06	WQ6	1.7 U

Table C-1. Surface Wat

Station ID	Sample ID	Zinc, Dissolved (ug/L)
WQ-06	WQ6	6.99 U
WQ-06	WQ6	7.6 U
WQ-06	WQ6	1.73 U
WQ-06	WQ6	4.67 U
WQ-06	WQ6	7.08 U
WQ-06	WQ6	11.2 J
WQ-06	WQ6	9 U
WQ-06	WQ6	5.05 U
WQ-06	WQ6	23.1 J
WQ-06	WQ6	1.87 U
WQ-06	WQ6	6.9 U
WQ-06	WQ6	1.5 U
WQ-06	WQ6	1.3 U
WQ-06	WQ6	0.68 U
WQ-07	WQ7	5 U
WQ-07	WQ7	5 U
WQ-07	WQ7	5 U
WQ-07	WQ7	5 U
WQ-07	WQ7	5 U
WQ-07	WQ7	5 U
WQ-07	WQ7	1 U
WQ-07	WQ7	1 U
WQ-07	WQ7	1.1
WQ-07	WQ7	1 U
WQ-07	WQ7	9.64 U
WQ-07	WQ7	1.78 U
WQ-07	WQ7	24.7 U
WQ-07	WQ7	4.5 U
WQ-07	WQ7	4.94 U
WQ-07	WQ7	3.59 U
WQ-07	WQ7	7.39 U
WQ-07	WQ7	11 J
WQ-07	WQ7	14 J
WQ-07	WQ7	18.3 J
WQ-07	WQ7	8.3 U
WQ-07	WQ7	1.68 U
WQ-07	WQ7	3.3 U
WQ-07	WQ7	4.2 U
WQ-07	WQ7	1.3 U
WQ-08	WQ8	5 U
WQ-08	WQ8	5 U
WQ-08	WQ8	5 U
WQ-08	WQ8	5 U
WQ-08	WQ8	5 U

Table C-1. Surface Wat

Station ID	Sample ID	Zinc, Dissolved (ug/L)
WQ-08	WQ8	5 U
WQ-08	WQ8	1 U
WQ-08	WQ8	1.3
WQ-08	WQ8	1 U
WQ-08	WQ8	4.9
WQ-08	WQ8	8.72 U
WQ-08	WQ8	3.63 U
WQ-08	WQ8	9.24 U
WQ-08	WQ8	4.9 U
WQ-08	WQ8	2.51 U
WQ-08	WQ8	2.61 U
WQ-08	WQ8	2.59 U
WQ-08	WQ8	3.77 U
WQ-08	WQ8	13.1 J
WQ-08	WQ8	5.95 U
WQ-08	WQ8	31.5
WQ-08	WQ8	0.69 U
WQ-08	WQ8	2.2 U
WQ-08	WQ8	1.1 U
WQ-08	WQ8	0.8 U
WQ-10	WQ10	5 U
WQ-10	WQ10	5 U
WQ-10	WQ10	5 U
WQ-10	WQ10	5 U
WQ-10	WQ10	1
WQ-10	WQ10	1.1
WQ-10	WQ10	1.6
WQ-10	WQ10	1.5
WQ-10	WQ10	6.22 U
WQ-10	WQ10	2.23 U
WQ-10	WQ10	3.8 U
WQ-10	WQ10	6.3 U
WQ-10	WQ10	2.49 U
WQ-10	WQ10	3.97 U
WQ-10	WQ10	3 U
WQ-10	WQ10	7.63 U
WQ-10	WQ10	4.6 U
WQ-10	WQ10	4.43 U
WQ-10	WQ10	6 U
WQ-10	WQ10	2.47 U
WQ-10	WQ10	5.4 U
WQ-10	WQ10	2.5 U
WQ-10	WQ10	1.6 U
WQ-10	WQ10	1.29 U

Table C-1. Surface Wat

Station ID	Sample ID	Zinc, Dissolved (ug/L)
WQ-12	WQ12	5 U
WQ-12	WQ12	5 U
WQ-12	WQ12	5 U
WQ-12	WQ12	5 U
WQ-12	WQ12	1 U
WQ-12	WQ12	1 U
WQ-12	WQ12	1.1
WQ-12	WQ12	1.3
WQ-12	WQ12	5 U
WQ-12	WQ12	1.76 U
WQ-12	WQ12	18.3 U
WQ-12	WQ12	3.4 U
WQ-12	WQ12	2.37 U
WQ-12	WQ12	2.78 U
WQ-12	WQ12	15.1 U
WQ-12	WQ12	8.17 U
WQ-12	WQ12	5.5 U
WQ-12	WQ12	3.39 U
WQ-12	WQ12	9.9 U
WQ-12	WQ12	8.99 U
WQ-12	WQ12	5.2 U
WQ-12	WQ12	3.1 U
WQ-12	WQ12	2.1 U
WQ-13	WQ13	5 U
WQ-13	WQ13	1.7
WQ-13	WQ13	1.5
WQ-13	WQ13	1.4
WQ-13	WQ13	1.3
WQ-13	WQ13	4.92 U
WQ-13	WQ13	3.68 U
WQ-13	WQ13	10.9 U
WQ-13	WQ13	8 U
WQ-13	WQ13	4.03 U
WQ-13	WQ13	2.58 U
WQ-13	WQ13	6.7 U
WQ-13	WQ13	12.8 J
WQ-13	WQ13	9.1 U
WQ-13	WQ13	4.08 U
WQ-13	WQ13	2.1 U
WQ-13	WQ13	4 U
WQ-13	WQ13	1.6 U
WQ-13	WQ13	1.9 U
WQ-13	WQ13	6.2 U

Notes:

Table C-1. Surface Wat

Station ID	Sample ID	Zinc, Dissolved (ug/L)
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-- = data not available

Data Qualifiers:

J = The analyte was

U = The analyte wa:

UJ = The analyte w:

R = The sample res