

Table 6. Monitoring station data, surface waters

Sample#	Date	Easting	Northing	Field pH	Lab pH	TDS mg/L	Alkalinity mg/L	HCO3 mg/L	SO4 mg/L	Cl mg/L	NO2 µg/L	NO3 µg/L	F µg/L	PO4 µg/L	Br µg/L	Si µg/L	Ti µg/L	Al µg/L	Fe µg/L	Mn µg/L
MON2002-060797	7/6/97	691664	5269253	7.90	7.15	87.02	46.98	57.32	4.56	0.83	-50	108	-50	-50	-50	2800	-1	10	41	16
MON2002-100797	7/10/97	691664	5269253	7.88	7.11	81.87	44.06	53.75	4.24	0.80	-50	-50	-50	-50	-50	2800	-1	15	56	16
MON2002-140797	7/14/97	691664	5269253	7.87	7.17	91.48	49.69	60.62	4.53	0.80	-50	112	-50	-50	-50	2900	-1	9	43	14
MON2002-170797	7/17/97	691664	5269253		7.19	88.00	47.58	58.05	4.51	0.84	-50	343	-50	-50	-50	2900	-1	19	47	13
MON2002-180797	7/18/97	691664	5269253		7.16	88.39	47.93	58.47	4.49	0.81	-50	178	-50	-50	-50	2900	-1	9	50	16
MON2002-220797	7/22/97	691664	5269253		7.19	91.92	49.93	60.91	4.57	0.84	-50	89	-50	-50	-50	2900	-1	7	50	13
MON2002-250797	7/25/97	691664	5269253	7.78	7.19	92.88	50.57	61.70	4.70	0.86	-50	-50	-50	-50	-50	2900	-1	8	48	11
MON2002-300797	7/30/97	691664	5269253	7.33	7.16	90.03	48.54	59.22	4.33	0.88	-50	-50	-50	-50	-50	2900	-1	11	55	14
MON2002-040897	8/4/97	691664	5269253		7.19	95.54	51.88	63.29	4.50	0.92	-50	-50	-50	-50	-50	3000	-1	15	54	13
MON2002-080897	8/8/97	691664	5269253		7.19	96.48	52.53	64.09	4.64	0.91	-50	-50	-50	-50	-50	2900	-1	8	43	13
MON2002-120897	8/12/97	691664	5269253		7.14	90.31	48.92	59.68	4.20	0.78	-50	-50	55	-50	-50	2900	-1	9	63	21
MON2002-150897	8/15/97	691664	5269253		7.36	94.79	51.25	62.53	4.40	0.93	-50	-50	-50	-50	-50	3000	-1	42	73	11
MON2002-180897	8/18/97	691664	5269253		7.38	95.85	51.89	63.31	4.50	0.99	-50	-50	-50	-50	-50	3000	-1	99	64	9.5
MON2002-250897	8/25/97	691664	5269253		7.45	99.36	53.92	65.78	4.48	0.97	-50	108	-50	-50	-50	3000	-1	32	54	9.4
MON2003-060797	7/6/97	686679	5252275	7.44	6.67	28.99	12.93	15.77	2.36	0.49	-50	-50	-50	-50	-50	3600	-1	33	37	2.8
MON2003-100797	7/10/97	686679	5252275	7.39	6.69	30.24	13.76	16.79	2.30	0.45	-50	-50	-50	-50	-50	3700	-1	60	54	2.7
MON2003-140797	7/14/97	686679	5252275	7.14	6.68	31.01	14.08	17.18	2.41	0.47	-50	300	-50	-50	-50	3800	-1	24	28	2.4
MON2003-170797	7/17/97	686679	5252275		6.72	31.56	14.37	17.53	2.44	0.48	-50	89	-50	-50	-50	3900	-1	24	29	2.2
MON2003-180797	7/18/97	686679	5252275		6.72	31.23	14.13	17.24	2.43	0.49	-50	415	-50	-50	-50	3800	-1	22	29	2.2
MON2003-220797	7/22/97	686679	5252275		6.72	31.67	14.55	17.75	2.41	0.48	-50	-50	-50	-50	-50	3800	-1	23	28	2.3
MON2003-250797	7/25/97	686679	5252275	7.42	6.71	32.40	14.80	18.06	2.48	0.51	-50	-50	-50	-50	-50	3900	-1	18	24	2.3
MON2003-300797	7/30/97	686679	5252275		6.73	30.86	14.36	17.52	2.18	0.45	-50	-50	-50	-50	-50	3500	-1	47	59	2.6
MON2003-040897	8/4/97	686679	5252275		6.72	32.18	14.86	18.13	2.34	0.48	-50	-50	-50	-50	-50	3800	-1	26	40	2.3
MON2003-080897	8/8/97	686679	5252275		6.68	32.76	14.92	18.20	2.57	0.51	-50	-50	-50	-50	-50	4100	-1	16	23	2.2
MON2003-120897	8/12/97	686679	5252275		6.69	32.41	14.94	18.23	2.33	0.49	-50	-50	-50	-50	-50	3900	-1	26	39	2.3
MON2003-150897	8/15/97	686679	5252275		7.05	34.89	16.28	19.86	2.40	0.52	-50	-50	-50	-50	-50	4100	1	25	35	2
MON2003-180897	8/18/97	686679	5252275		6.91	33.75	15.58	19.01	2.42	0.51	-50	-50	-50	-50	-50	4000	1	28	37	2.1
MON2003-250897	8/25/97	686679	5252275		6.97	34.67	15.88	19.37	2.65	0.55	-50	-50	-50	-50	-50	4100	-1	19	29	3.2
MON2004-060797	7/6/97	681345	5261923	7.54	6.78	50.43	17.61	21.48	12.70	0.49	-50	72	-50	-50	-50	3500	-1	3	3	0.4
MON2004-100797	7/10/97	681345	5261923	7.55	6.80	51.59	18.19	22.19	13.00	0.47	-50	-50	-50	-50	-50	3600	-1	2	3	0.2
MON2004-140797	7/14/97	681345	5261923	7.40	6.79	52.87	17.95	21.90	13.90	0.51	-50	-50	-50	-50	-50	3700	-1	2	-3	0.2
MON2004-170797	7/17/97	681345	5261923		6.81	53.86	18.20	22.20	14.40	0.52	-50	-50	-50	-50	-50	3700	-1	4	-3	0.2
MON2004-180797	7/18/97	681345	5261923		6.80	53.68	18.33	22.36	14.20	0.49	-50	99	-50	-50	-50	3700	-1	2	-3	0.2
MON2004-220797	7/22/97	681345	5261923		6.79	53.73	18.17	22.17	14.40	0.52	-50	-50	-50	-50	-50	3600	-1	2	-3	0.2
MON2004-250797	7/25/97	681345	5261923	7.36	6.80	56.41	18.66	22.77	15.60	0.57	-50	-50	-50	-50	-50	3800	-1	2	-3	-0.2
MON2004-300797	7/30/97	681345	5261923	7.01	6.80	53.36	18.47	22.53	13.70	0.49	-50	-50	-50	-50	-50	3700	-1	3	-3	0.2
MON2004-040897	8/4/97	681345	5261923		6.78	55.02	18.41	22.46	15.00	0.52	-50	-50	-50	-50	-50	3700	-1	2	-3	-0.2
MON2004-080897	8/8/97	681345	5261923		6.80	57.76	18.77	22.90	16.40	0.59	-50	-50	-50	-50	-50	3800	-1	2	-3	0.2
MON2004-120897	8/12/97	681345	5261923		6.80	56.02	18.74	22.86	15.40	0.51	-50	-50	-50	-50	-50	3800	-1	2	3	0.2
MON2004-150897	8/15/97	681345	5261923		7.09	58.34	18.99	23.17	16.60	0.56	-50	-50	-50	-50	-50	3800	-1	2	-3	-0.2
MON2004-180897	8/18/97	681345	5261923		7.11	59.34	19.00	23.18	17.00	0.57	-50	-50	-50	-50	-50	3900	-1	3	-3	-0.2
MON2004-250897	8/25/97	681345	5261923			34.77		0.00	16.40	0.51	-50	-50	83	-50	-50	3900	-1	3	-3	0.9
MON2005-060797	7/6/97	689907	5264222	7.29	6.72	30.67	13.73	16.75	4.04	0.37	-50	-50	-50	-50	-50	2700	-1	13	6	0.3
MON2005-100797	7/10/97	689907	5264222	7.40	6.70	29.48	12.67	15.46	3.83	0.39	-50	-50	-50	-50	-50	2700	-1	20	13	0.3
MON2005-140797	7/14/97	689907	5264222	6.43	6.71	30.30	12.99	15.85	4.09	0.39	-50	-50	-50	-50	-50	2800	-1	12	5	0.3
MON2005-170797	7/17/97	689907	5264222		6.70	30.24	12.76	15.57	4.17	0.38	-50	553	-50	-50	-50	2800	-1	13	6	0.3
MON2005-180797	7/18/97	689907	5264222		6.71	30.87	13.32	16.25	4.11	0.39	-50	192	-50	-50	-50	2800	-1	13	10	0.3
MON2005-220797	7/22/97	689907	5264222		6.72	30.67	13.05	15.92	4.19	0.41	-50	176	-50	-50	-50	2800	-1	12	7	0.3
MON2005-250797	7/25/97	689907	5264222	6.54	6.62	32.81	14.59	17.80	4.27	0.41	-50	-50	-50	-50	-50	2900	-1	11	5	0.2
MON2005-300797	7/30/97	689907	5264222		6.72	31.49	13.55	16.53	4.07	0.43	-50	-50	-50	-50	-50	2900	-1	17	9	0.3
MON2005-040897	8/4/97	689907	5264222		6.73	32.15	13.98	17.06	4.18	0.46	-50	-50	-50	-50	-50	2900	-1	13	6	0.2
MON2005-080897	8/8/97	689907	5264222		6.68	29.81	11.95	14.58	4.35	0.43	-50	-50	-50	-50	-50	2900	-1	11	4	0.3
MON2005-120897	8/12/97	689907	5264222		6.73	32.38	14.10	17.20	4.14	0.47	-50	-50	-50	-50	-50	2900	-1	14	10	0.3
MON2005-150897	8/15/97	689907	5264222			15.75		0.00	4.31	0.46	-50	-50	-50	-50	-50	3000	-1	13	7	0.3
MON2005-180897	8/18/97	689907	5264222			15.98		0.00	4.33	0.47	-50	-50	-50	-50	-50	3100	-1	14	7	0.3
MON2005-250897	8/25/97	689907	5264222		6.71	31.95	12.92	15.76	4.38	0.48	-50	-50	52	-50	-50	3000	-1	13	5	1

blank = no data; negative values are less than detection.

See Figure 2 for monitoring station locations

UTMs are n NAD27, Zone 19.

Sample#	Mg	Ca	Na	K	Ag	As	B	Ba	Be	Bi	Cd	Co	Cr	Cs	Cu	Ga	In	Li	Mo	Ni
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MON2002-060797	1800	18000	1400	310	-0.2	-0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.1	-0.2
MON2002-100797	1700	17000	1300	280	-0.2	-0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.1	-0.2
MON2002-140797	1800	19000	1500	330	-0.2	0.5	-16	15	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.3	-0.02	-0.2	-1	0.2	-0.2
MON2002-170797	1900	18000	1500	300	-0.2	0.5	-16	15	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.2	-0.2
MON2002-180797	1900	18000	1500	320	-0.2	-0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.5	-0.02	-0.2	-1	0.1	-0.2
MON2002-220797	1900	19000	1500	300	-0.2	-0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.5	-0.02	-0.2	-1	0.2	-0.2
MON2002-250797	1900	19000	1500	320	-0.2	0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.5	-0.02	-0.2	-1	0.2	-0.2
MON2002-300797	1900	19000	1500	300	-0.2	-0.5	-16	14	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.2	-0.2
MON2002-040897	2000	20000	1500	330	-0.2	0.5	-16	15	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.3	-0.02	-0.2	-1	0.2	-0.2
MON2002-080897	2000	20000	1600	340	-0.2	-0.5	-16	15	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.5	-0.02	-0.2	-1	0.2	-0.2
MON2002-120897	1900	19000	1500	350	-0.2	2.9	-16	16	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.2	0.5
MON2002-150897	2000	20000	1600	330	-0.2	0.5	-16	13	-1	-0.01	-0.3	0.08	0.4	-0.2	0.3	-0.02	-0.2	-1	0.2	-0.2
MON2002-180897	2100	20000	1600	350	-0.2	0.5	-16	13	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.2	0.2
MON2002-250897	2100	21000	1700	330	-0.2	1.5	-16	15	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.6	-0.02	-0.2	-1	0.2	-0.2
MON2003-060797	950	3900	1600	320	-0.2	-0.5	-16	1.9	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-100797	980	4100	1600	320	-0.2	-0.5	-16	2.1	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-140797	1000	4100	1700	350	-0.2	-0.5	-16	2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-170797	1000	4200	1700	310	-0.2	-0.5	-16	2	-1	0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-180797	1000	4200	1700	370	-0.2	-0.5	-16	2.1	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-220797	1000	4200	1700	330	-0.2	-0.5	-16	2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-250797	1100	4300	1700	350	-0.2	-0.5	-16	2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-300797	1000	4300	1600	310	-0.2	-0.5	-16	2.5	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-040897	1100	4300	1700	330	-0.2	-0.5	-16	2.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-080897	1100	4200	1700	380	-0.2	-0.5	-16	1.9	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-120897	1100	4300	1700	360	-0.2	-0.5	-16	2.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-150897	1100	4600	1900	410	-0.2	-0.5	-16	2.5	-1	0.02	-0.3	-0.06	-0.2	-0.2	-0.3	0.02	-0.2	-1	0.2	-0.2
MON2003-180897	1100	4500	1800	410	-0.2	-0.5	-16	2.4	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2003-250897	1200	4500	1900	400	-0.2	1.6	-16	2.3	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	-0.2
MON2004-060797	2200	8200	1400	460	-0.2	-0.5	-16	46	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	-0.1	0.4
MON2004-100797	2300	8200	1400	430	-0.2	-0.5	-16	45	-1	-0.01	-0.3	-0.06	0.2	-0.2	-0.3	0.04	-0.2	-1	-0.1	0.3
MON2004-140797	2400	8500	1500	460	-0.2	-0.5	-16	49	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	-0.1	0.5
MON2004-170797	2400	8700	1500	440	-0.2	-0.5	-16	48	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.05	-0.2	-1	0.1	0.3
MON2004-180797	2400	8600	1500	430	-0.2	-0.5	-16	49	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	-0.1	0.5
MON2004-220797	2400	8700	1500	440	-0.2	-0.5	-16	47	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.5
MON2004-250797	2500	9100	1600	470	-0.2	-0.5	-16	52	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.5
MON2004-300797	2400	8600	1500	440	-0.2	-0.5	-16	48	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.3
MON2004-040897	2500	8800	1600	440	-0.2	-0.5	-16	46	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.5
MON2004-080897	2600	9300	1700	470	-0.2	-0.5	-16	49	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.3
MON2004-120897	2600	8900	1500	450	-0.2	-0.5	-16	49	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.04	-0.2	-1	0.1	0.6
MON2004-150897	2700	9300	1700	510	-0.2	-0.5	-16	53	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	1	0.1	0.3
MON2004-180897	2800	9600	1800	490	-0.2	-0.5	-16	50	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.3	-0.02	-0.2	-1	0.1	0.3
MON2004-250897	2700	9200	1700	360	-0.2	0.7	-16	46	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	0.1	0.5
MON2005-060797	960	4200	1100	550	-0.2	-0.5	20	4.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-100797	990	4500	1100	510	-0.2	-0.5	18	4.3	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-140797	1000	4500	1100	570	-0.2	-0.5	-16	4.1	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.9	-0.02	-0.2	-1	-0.1	0.3
MON2005-170797	1000	4600	1200	520	-0.2	-0.5	-16	4.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	0.6
MON2005-180797	1000	4600	1200	520	-0.2	-0.5	-16	4.1	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-220797	1000	4600	1200	550	-0.2	-0.5	-16	4.1	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-250797	1100	4600	1200	530	-0.2	-0.5	17	4.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-300797	1100	4700	1200	560	-0.2	-0.5	-16	4.3	-1	-0.01	-0.3	-0.06	-0.2	-0.2	0.5	-0.02	-0.2	-1	-0.1	-0.2
MON2005-040897	1100	4700	1200	550	-0.2	-0.5	-16	4.4	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-080897	1100	4700	1200	550	-0.2	-0.5	22	4.5	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-120897	1100	4800	1200	570	-0.2	-0.5	-16	4.2	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-150897	1200	5100	1200	480	-0.2	-0.5	-16	4.4	-1	-0.01	-0.3	-0.06	0.5	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-180897	1200	5100	1300	480	-0.2	-0.5	-16	4.4	-1	-0.01	-0.3	-0.06	-0.2	-0.2	-0.3	-0.02	-0.2	-1	-0.1	-0.2
MON2005-250897	1200	5300	1300	530	-0.2	1.2	-16	4.6	-1	0.01	-0.3	-0.06	-0.2	-0.2	-0.3	0.03	-0.2	1	-0.1	-0.2

Sample#	Pb	Rb	Sb	Sc	Se	Sr	Th	Tl	U	V	Y	Zn	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MON2002-060797	-0.2	0.2	-0.2	-0.4	-2	38	-0.008	-0.2	0.019	0.14	0.07	-2	0.068	0.037	0.016	0.079	0.017	-0.005	0.021	-0.005
MON2002-100797	-0.2	0.2	-0.2	-0.4	2	36	-0.008	-0.2	0.015	0.13	0.12	-2	0.110	0.053	0.027	0.130	0.027	-0.005	0.032	-0.005
MON2002-140797	-0.2	0.2	-0.2	-0.4	-2	39	-0.008	-0.2	0.021	0.16	0.07	-2	0.060	0.031	0.016	0.072	0.014	-0.005	0.017	-0.005
MON2002-170797	-0.2	0.2	-0.2	-0.4	-2	39	-0.008	-0.2	0.018	0.3	0.08	-2	0.066	0.035	0.017	0.079	0.016	-0.005	0.020	-0.005
MON2002-180797	-0.2	0.2	-0.2	-0.4	-2	41	-0.008	-0.2	0.017	0.13	0.07	-2	0.068	0.048	0.018	0.083	0.018	-0.005	0.015	-0.005
MON2002-220797	-0.2	0.2	-0.2	-0.4	-2	40	-0.008	-0.2	0.02	0.13	0.06	-2	0.055	0.079	0.014	0.060	0.010	-0.005	0.012	-0.005
MON2002-250797	-0.2	0.2	-0.2	-0.4	-2	41	-0.008	-0.2	0.02	0.14	0.05	-2	0.045	0.056	0.013	0.051	0.012	-0.005	0.007	-0.005
MON2002-300797	-0.2	0.2	-0.2	-0.4	-2	40	-0.008	-0.2	0.018	0.12	0.08	-2	0.074	0.056	0.018	0.080	0.022	-0.005	0.016	-0.005
MON2002-040897	-0.2	0.2	-0.2	-0.4	-2	42	-0.008	-0.2	0.024	0.18	0.07	-2	0.057	0.037	0.015	0.072	0.014	-0.005	0.018	-0.005
MON2002-080897	-0.2	0.2	-0.2	-0.4	-2	42	-0.008	-0.2	0.028	0.2	0.06	-2	0.051	0.037	0.014	0.060	0.011	-0.005	0.014	-0.005
MON2002-120897	0.2	0.3	-0.2	-0.4	-2	40	-0.008	-0.2	0.02	0.18	0.09	-2	0.087	0.051	0.022	0.100	0.022	-0.005	0.024	-0.005
MON2002-150897	-0.2	0.2	-0.2	-0.4	-2	41	-0.008	-0.2	0.021	0.19	0.06	-2	0.049	0.024	0.013	0.055	0.012	-0.005	0.013	-0.005
MON2002-180897	-0.2	0.3	-0.2	-0.4	-2	42	-0.008	-0.2	0.023	0.19	0.06	-2	0.048	0.023	0.013	0.057	0.011	-0.005	0.012	-0.005
MON2002-250897	-0.2	0.2	-0.2	-0.4	4	44	-0.008	-0.2	0.023	0.18	0.06	-2	0.041	0.021	0.011	0.050	0.014	-0.005	0.011	-0.005
MON2003-060797	-0.2	0.5	-0.2	-0.4	-2	13	-0.008	-0.2	0.053	0.14	0.23	-2	0.140	0.160	0.041	0.180	0.044	0.006	0.036	0.006
MON2003-100797	-0.2	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.069	0.15	0.32	-2	0.200	0.220	0.059	0.250	0.059	0.009	0.055	0.007
MON2003-140797	-0.2	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.042	0.15	0.18	-2	0.110	0.120	0.032	0.140	0.029	0.005	0.031	0.006
MON2003-170797	-0.2	0.5	-0.2	-0.4	-2	14	0.016	-0.2	0.04	0.24	0.16	-2	0.095	0.100	0.029	0.120	0.024	0.006	0.029	-0.005
MON2003-180797	-0.2	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.042	0.18	0.17	-2	0.100	0.110	0.031	0.140	0.024	-0.005	0.028	-0.005
MON2003-220797	-0.2	0.4	-0.2	-0.4	-2	14	-0.008	-0.2	0.037	0.15	0.16	-2	0.097	0.098	0.027	0.120	0.025	-0.005	0.025	-0.005
MON2003-250797	0.2	0.4	-0.2	-0.4	-2	14	-0.008	-0.2	0.035	0.16	0.13	-2	0.079	0.080	0.024	0.100	0.018	-0.005	0.021	-0.005
MON2003-300797	-0.2	0.4	-0.2	-0.4	-2	15	-0.008	-0.2	0.046	0.17	0.29	-2	0.200	0.210	0.057	0.240	0.057	0.009	0.063	0.009
MON2003-040897	-0.2	0.4	-0.2	-0.4	-2	14	-0.008	-0.2	0.047	0.16	0.21	-2	0.140	0.170	0.041	0.170	0.038	0.005	0.043	0.006
MON2003-080897	0.3	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.033	0.14	0.12	-2	0.072	0.079	0.022	0.084	0.024	-0.005	0.024	-0.005
MON2003-120897	-0.2	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.048	0.2	0.21	-2	0.140	0.150	0.037	0.170	0.042	-0.005	0.038	0.006
MON2003-150897	-0.2	0.5	-0.2	-0.4	2	15	0.034	-0.2	0.055	0.28	0.14	-2	0.081	0.086	0.028	0.110	0.027	0.016	0.034	0.011
MON2003-180897	-0.2	0.5	-0.2	-0.4	2	15	-0.008	-0.2	0.053	0.25	0.15	-2	0.094	0.088	0.028	0.120	0.030	-0.005	0.028	-0.005
MON2003-250897	-0.2	0.5	-0.2	-0.4	-2	14	-0.008	-0.2	0.048	0.25	0.11	-2	0.062	0.072	0.020	0.089	0.022	-0.005	0.023	-0.005
MON2004-060797	-0.2	0.8	-0.2	-0.4	2	19	-0.008	-0.2	0.006	-0.02	0.03	-2	0.010	-0.005	-0.005	0.017	-0.005	-0.005	-0.005	-0.005
MON2004-100797	-0.2	0.8	-0.2	-0.4	-2	19	-0.008	-0.2	0.005	-0.02	0.03	3	0.010	-0.005	-0.005	0.019	-0.005	-0.005	-0.005	-0.005
MON2004-140797	-0.2	0.8	-0.2	-0.4	-2	20	-0.008	-0.2	0.006	-0.02	0.02	-2	0.008	-0.005	-0.005	0.009	-0.005	-0.005	-0.005	-0.005
MON2004-170797	-0.2	0.8	-0.2	-0.4	-2	20	-0.008	-0.2	0.005	0.07	0.03	2	0.007	-0.005	-0.005	0.011	-0.005	-0.005	-0.005	-0.005
MON2004-180797	-0.2	0.8	-0.2	-0.4	-2	20	-0.008	-0.2	0.005	-0.02	0.03	2	0.008	-0.005	-0.005	0.012	-0.005	-0.005	-0.005	-0.005
MON2004-220797	-0.2	0.8	-0.2	-0.4	-2	20	-0.008	-0.2	0.005	-0.02	0.03	-2	0.006	-0.005	-0.005	0.014	0.006	-0.005	-0.005	-0.005
MON2004-250797	-0.2	0.8	-0.2	-0.4	-2	21	-0.008	-0.2	0.004	-0.02	0.02	-2	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005
MON2004-300797	-0.2	0.8	-0.2	-0.4	-2	20	-0.008	-0.2	0.006	-0.02	0.03	-2	0.010	-0.005	-0.005	0.020	0.007	-0.005	0.005	-0.005
MON2004-040897	-0.2	0.8	-0.2	-0.4	-2	21	-0.008	-0.2	0.005	-0.02	0.02	-2	0.008	-0.005	-0.005	0.013	-0.005	-0.005	-0.005	-0.005
MON2004-080897	-0.2	0.8	-0.2	-0.4	-2	22	-0.008	-0.2	0.004	-0.02	0.02	-2	0.007	-0.005	-0.005	0.008	-0.005	-0.005	-0.005	-0.005
MON2004-120897	-0.2	0.9	-0.2	-0.4	-2	21	-0.008	-0.2	0.006	-0.02	0.03	2	0.013	-0.005	-0.005	0.013	0.007	-0.005	-0.005	-0.005
MON2004-150897	-0.2	0.9	-0.2	-0.4	2	20	-0.008	-0.2	0.006	-0.02	0.02	2	0.005	-0.005	-0.005	0.009	-0.005	-0.005	-0.005	-0.005
MON2004-180897	-0.2	0.8	-0.2	-0.4	2	23	-0.008	-0.2	0.005	-0.02	0.01	-2	-0.005	-0.005	-0.005	0.008	-0.005	-0.005	-0.005	-0.005
MON2004-250897	-0.2	0.8	-0.2	-0.4	-2	21	-0.008	-0.2	0.007	-0.02	0.02	-2	-0.005	-0.005	-0.005	0.009	-0.005	-0.005	-0.005	-0.005
MON2005-060797	-0.2	0.7	-0.2	-0.4	-2	20	-0.008	-0.2	0.011	-0.02	0.13	-2	0.084	0.032	0.026	0.110	0.030	-0.005	0.025	-0.005
MON2005-100797	-0.2	0.6	-0.2	-0.4	-2	20	-0.008	-0.2	0.017	-0.02	0.2	-2	0.140	0.052	0.043	0.180	0.044	0.006	0.046	0.005
MON2005-140797	-0.2	0.6	-0.2	-0.4	-2	21	-0.008	-0.2	0.013	-0.02	0.12	2	0.085	0.030	0.028	0.120	0.018	0.006	0.027	-0.005
MON2005-170797	-0.2	0.6	-0.2	-0.4	-2	21	-0.008	-0.2	0.01	0.08	0.13	-2	0.078	0.028	0.024	0.110	0.026	-0.005	0.023	-0.005
MON2005-180797	-0.2	0.6	-0.2	-0.4	-2	21	-0.008	-0.2	0.012	-0.02	0.13	2	0.082	0.031	0.027	0.110	0.026	-0.005	0.027	-0.005
MON2005-220797	-0.2	0.6	-0.2	-0.4	-2	21	-0.008	-0.2	0.012	4.9	0.12	-2	0.076	0.024	0.022	0.090	0.021	-0.005	0.020	-0.005
MON2005-250797	-0.2	0.6	-0.2	-0.4	-2	21	-0.008	-0.2	0.011	-0.02	0.11	-2	0.062	0.023	0.022	0.094	0.020	-0.005	0.021	-0.005
MON2005-300797	-0.2	0.6	-0.2	-0.4	-2	22	-0.008	-0.2	0.019	-0.02	0.18	-2	0.120	0.042	0.039	0.160	0.036	-0.005	0.041	0.005
MON2005-040897	-0.2	0.6	-0.2	-0.4	-2	23	-0.008	-0.2	0.013	-0.02	0.13	-2	0.084	0.027	0.026	0.120	0.027	-0.005	0.028	-0.005
MON2005-080897	-0.2	0.7	-0.2	-0.4	-2	22	-0.008	-0.2	0.01	-0.02	0.11	-2	0.067	0.024	0.021	0.094	0.018	-0.005	0.020	-0.005
MON2005-120897	-0.2	0.6	-0.2	-0.4	-2	22	-0.008	-0.2	0.016	-0.02	0.16	2	0.110	0.035	0.032	0.130	0.033	0.007	0.034	0.006
MON2005-150897	-0.2	0.7	-0.2	-0.4	-2	22	-0.008	-0.2	0.013	-0.02	0.09	3	0.058	0.017	0.018	0.086	0.022	-0.005	0.023	-0.005
MON2005-180897	-0.2	0.7	-0.2	-0.4	-2	22	-0.008	-0.2	0.015	-0.02	0.09	-2	0.050	0.015	0.017	0.078	0.023	-0.005	0.022	-0.005
MON2005-250897	-0.2	0.7	-0.2	-0.4	-2	23	-0.008	-0.2	0.014	-0.02	0.08	-2	0.053	0.016	0.016	0.073	0.020	-0.005	0.019	-0.005

Sample#	Dy	Ho	Er	Tm	Yb	Lu	Hg
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MON2002-060797	0.010	-0.005	0.007	-0.005	0.005	-0.005	
MON2002-100797	0.017	-0.005	0.009	-0.005	0.008	-0.005	0.003
MON2002-140797	0.010	-0.005	0.006	-0.005	-0.005	-0.005	-0.002
MON2002-170797	0.012	-0.005	0.007	-0.005	0.005	-0.005	-0.002
MON2002-180797	0.011	-0.005	0.007	-0.005	-0.005	-0.005	0.003
MON2002-220797	0.007	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2002-250797	0.007	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2002-300797	0.011	-0.005	0.007	-0.005	-0.005	-0.005	-0.002
MON2002-040897	0.009	-0.005	0.007	-0.005	-0.005	-0.005	-0.002
MON2002-080897	0.008	-0.005	-0.005	-0.005	-0.005	-0.005	0.002
MON2002-120897	0.013	-0.005	0.007	-0.005	0.006	-0.005	0.003
MON2002-150897	0.009	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2002-180897	0.008	-0.005	0.005	-0.005	-0.005	-0.005	-0.002
MON2002-250897	0.008	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2003-060797	0.034	0.006	0.018	-0.005	0.017	-0.005	
MON2003-100797	0.046	0.009	0.026	-0.005	0.020	-0.005	0.002
MON2003-140797	0.025	0.005	0.017	-0.005	0.012	-0.005	-0.002
MON2003-170797	0.021	0.005	0.015	-0.005	0.011	-0.005	-0.002
MON2003-180797	0.024	0.006	0.017	-0.005	0.011	-0.005	-0.002
MON2003-220797	0.023	0.005	0.016	-0.005	0.008	-0.005	0.003
MON2003-250797	0.019	-0.005	0.011	-0.005	0.011	-0.005	0.002
MON2003-300797	0.043	0.009	0.026	-0.005	0.019	-0.005	0.004
MON2003-040897	0.031	0.007	0.017	-0.005	0.015	-0.005	-0.002
MON2003-080897	0.016	-0.005	0.012	-0.005	0.009	-0.005	-0.002
MON2003-120897	0.034	0.007	0.019	-0.005	0.015	-0.005	-0.002
MON2003-150897	0.031	0.017	0.022	0.006	0.017	0.008	-0.002
MON2003-180897	0.022	-0.005	0.016	-0.005	0.014	-0.005	-0.002
MON2003-250897	0.020	-0.005	0.011	-0.005	0.011	-0.005	0.003
MON2004-060797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	
MON2004-100797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.002
MON2004-140797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-170797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.003
MON2004-180797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.003
MON2004-220797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.002
MON2004-250797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.002
MON2004-300797	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	0.002
MON2004-040897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-080897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-120897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-150897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-180897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2004-250897	-0.005	-0.005	-0.005	-0.005	-0.005	-0.005	-0.002
MON2005-060797	0.021	-0.005	0.011	-0.005	0.012	-0.005	
MON2005-100797	0.029	0.006	0.017	-0.005	0.015	-0.005	0.003
MON2005-140797	0.023	-0.005	0.012	-0.005	0.010	-0.005	-0.002
MON2005-170797	0.021	-0.005	0.010	-0.005	0.009	-0.005	0.003
MON2005-180797	0.020	-0.005	0.013	-0.005	0.010	-0.005	0.003
MON2005-220797	0.015	-0.005	0.011	-0.005	0.011	-0.005	-0.002
MON2005-250797	0.018	-0.005	0.009	-0.005	0.010	-0.005	0.002
MON2005-300797	0.028	0.006	0.015	-0.005	0.015	-0.005	0.002
MON2005-040897	0.019	-0.005	0.011	-0.005	0.011	-0.005	0.003
MON2005-080897	0.017	-0.005	0.012	-0.005	0.009	-0.005	0.003
MON2005-120897	0.026	0.007	0.013	-0.005	0.015	-0.005	0.003
MON2005-150897	0.015	-0.005	0.008	-0.005	0.010	-0.005	0.002
MON2005-180897	0.016	-0.005	0.009	-0.005	0.007	-0.005	-0.002
MON2005-250897	0.014	-0.005	0.007	-0.005	0.007	-0.005	-0.002