Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
Blood Pool						
BP	SMI	8-Dec-98	Aluminum, dissolved	1720	1720	
BP	SMI	14-Jan-99	Aluminum, dissolved	7490	7490	
BP	SMI	11-Mar-99	Aluminum, dissolved	68400	68400	
BP	SMI	16-May-99	Aluminum, dissolved	77400	77400	
BP	SMI	19-Apr-99	Aluminum, dissolved	92000	92000	
BP	SMI	8-Dec-98	Arsenic, dissolved	5	ND	U
BP	SMI	14-Jan-99	Arsenic, dissolved	2	ND	U
BP	SMI	11-Mar-99	Arsenic, dissolved	2	ND	U
BP	SMI	19-Apr-99	Arsenic, dissolved	5	ND	U
BP	SMI	16-May-99	Arsenic, dissolved	10	ND	U
BP	SMI	11-Mar-99	Barium, dissolved	3.2	3.2	
BP	SMI	14-Jan-99	Barium, dissolved	4.7	4.7	
BP	SMI	19-Apr-99	Barium, dissolved	7	7	
BP	SMI	16-May-99	Barium, dissolved	7	7	J
BP	SMI	8-Dec-98	Barium, dissolved	21	21	
BP	SMI	14-Jan-99	Beryllium, dissolved	2	2	J
BP	SMI	11-Mar-99	Beryllium, dissolved	14	14	
BP	SMI	19-Apr-99	Beryllium, dissolved	15	15	
BP	SMI	16-May-99	Beryllium, dissolved	18	18	J
BP	SMI	8-Dec-98	Beryllium, dissolved	4	ND	U
BP	SMI	14-Jan-99	Cadmium, dissolved	1.4	1.4	J
BP	SMI	8-Dec-98	Cadmium, dissolved	2	2	J
BP	SMI	11-Mar-99	Cadmium, dissolved	5.3	5.3	
BP	SMI	19-Apr-99	Cadmium, dissolved	8	8	
BP	SMI	16-May-99	Cadmium, dissolved	9	9	J
BP	SMI	14-Jan-99	Calcium, dissolved	170000	170000	
BP	SMI	11-Mar-99	Calcium, dissolved	258000	258000	
BP	SMI	19-Apr-99	Calcium, dissolved	390000	390000	
BP	SMI	16-May-99	Calcium, dissolved	484000	484000	
BP	SMI	8-Dec-98	Calcium, dissolved	554000	554000	
BP	SMI	14-Jan-99	Chromium, dissolved	1.1	1.1	J
BP	SMI	16-May-99	Chromium, dissolved	12	12	
BP	SMI	11-Mar-99	Chromium, dissolved	24.2	24.2	
BP	SMI	19-Apr-99	Chromium, dissolved	26	26	
BP	SMI	8-Dec-98	Chromium, dissolved	1	ND	U
BP	SMI	8-Dec-98	Copper, dissolved	58	58	
BP	SMI	14-Jan-99	Copper, dissolved	89	89	
BP	SMI	11-Mar-99	Copper, dissolved	790	790	
BP	SMI	19-Apr-99	Copper, dissolved	934	934	
BP	SMI	16-May-99	Copper, dissolved	1030	1030	J
BP	SMI	14-Jan-99	Iron, dissolved	160	160	
BP	SMI	8-Dec-98	Iron, dissolved	190	190	
BP	SMI	16-May-99	Iron, dissolved	1530	1530	
BP	SMI	19-Apr-99	Iron, dissolved	6710	6710	
BP	SMI	11-Mar-99	Iron, dissolved	16300	16300	
BP	SMI	8-Dec-98	Lead, dissolved	1	ND	U
BP	SMI	14-Jan-99	Lead, dissolved	0.4	ND	U
BP	SMI	11-Mar-99	Lead, dissolved	0.4	ND	U
BP	SMI	19-Apr-99	Lead, dissolved	1	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BP	SMI	16-May-99	Lead, dissolved	2	ND	U
BP	SMI	14-Jan-99	Magnesium, dissolved	36600	36600	
BP	SMI	8-Dec-98	Magnesium, dissolved	69000	69000	
BP	SMI	11-Mar-99	Magnesium, dissolved	84200	84200	
BP	SMI	16-May-99	Magnesium, dissolved	119000	119000	
BP	SMI	19-Apr-99	Magnesium, dissolved	126000	126000	
BP	SMI	8-Dec-98	Manganese, dissolved	3020	3020	
BP	SMI	14-Jan-99	Manganese, dissolved	5000	5000	
BP	SMI	11-Mar-99	Manganese, dissolved	20400	20400	
BP	SMI	16-May-99	Manganese, dissolved	35400	35400	
BP	SMI	19-Apr-99	Manganese, dissolved	35800	35800	
BP	SMI	11-Mar-99	Mercury, dissolved	0.5	0.5	J
BP	SMI	8-Dec-98	Mercury, dissolved	0.2	ND	U
BP	SMI	14-Jan-99	Mercury, dissolved	0.2	ND	U
BP	SMI	19-Apr-99	Mercury, dissolved	0.2	ND	U
BP	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
BP	SMI	8-Dec-98	Nickel, dissolved	90	90	J
BP	SMI	14-Jan-99	Nickel, dissolved	140	140	
BP	SMI	11-Mar-99	Nickel, dissolved	750	750	
BP	SMI	19-Apr-99	Nickel, dissolved	910	910	
BP	SMI	16-May-99	Nickel, dissolved	1090	1090	
BP	SMI	11-Mar-99	Potassium, dissolved	2000	2000	
BP	SMI	14-Jan-99	Potassium, dissolved	2600	2600	
BP	SMI	19-Apr-99	Potassium, dissolved	4500	4500	J
BP	SMI	16-May-99	Potassium, dissolved	4800	4800	
BP	SMI	8-Dec-98	Potassium, dissolved	8300	8300	
BP	SMI	8-Dec-98	Selenium, dissolved	1	ND	U
BP	SMI	14-Jan-99	Selenium, dissolved	1	ND	U
BP	SMI	11-Mar-99	Selenium, dissolved	1	ND	U
BP	SMI	19-Apr-99	Selenium, dissolved	1	ND	U
BP	SMI	16-May-99	Selenium, dissolved	1	ND	U
BP	SMI	8-Dec-98	Silver, dissolved	10	ND	U
BP	SMI	14-Jan-99	Silver, dissolved	5	ND	U
BP	SMI	11-Mar-99	Silver, dissolved	5	ND	U
BP	SMI	19-Apr-99	Silver, dissolved	5	ND	U
BP	SMI	16-May-99	Silver, dissolved	10	ND	U
BP	SMI	14-Jan-99	Sodium, dissolved	7900	7900	
BP	SMI	11-Mar-99	Sodium, dissolved	8900	8900	
BP	SMI	16-May-99	Sodium, dissolved	13900	13900	
BP	SMI	19-Apr-99	Sodium, dissolved	14000	14000	
BP	SMI	8-Dec-98	Sodium, dissolved	20300	20300	
BP	SMI	8-Dec-98	Thallium, dissolved	0.5	ND	U
BP	SMI	14-Jan-99	Thallium, dissolved	0.2	ND	U
BP	SMI	11-Mar-99	Thallium, dissolved	0.2	ND	U
BP	SMI	19-Apr-99	Thallium, dissolved	0.5	ND	U
BP	SMI	16-May-99	Thallium, dissolved	1	ND	U
BP	SMI	14-Jan-99	Zinc, dissolved	130	130	
BP	SMI	8-Dec-98	Zinc, dissolved	220	220	
BP	SMI	11-Mar-99	Zinc, dissolved	690	690	J
BP	SMI	19-Apr-99	Zinc, dissolved	850	850	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BP	SMI	16-May-99	Zinc, dissolved	970	970	
Central Drainage						
SDCD-02/SW-12	SMI	9-Dec-99	Antimony, dissolved	0.4	0.4	J
SDCD-02/SW-12	URS	12-Sep-99	Antimony, dissolved	2.2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Antimony, dissolved	2.7	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Arsenic, dissolved	0.61	0.61	
SDCD-02/SW-12	URS	8-Apr-00	Arsenic, dissolved	0.68	0.68	
SDCD-02/SW-12	SMI	13-Jun-99	Arsenic, dissolved	1	1	J
SDCD-02/SW-12	SMI	3-Feb-00	Arsenic, dissolved	1	1	J
SDCD-02/SW-12	SMI	9-Dec-99	Arsenic, dissolved	1.3	1.3	J
SDCD-02/SW-12	SMI	17-Feb-99	Arsenic, dissolved	2	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Arsenic, dissolved	2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Arsenic, dissolved	2	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Arsenic, dissolved	3	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Arsenic, dissolved	5	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Arsenic, dissolved	5	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Arsenic, dissolved	5	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Arsenic, dissolved	5	ND	U
SDCD-02/SW-12	SMI	19-May-99	Arsenic, dissolved	5	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Arsenic, dissolved	10	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Arsenic, dissolved	10	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Barium, dissolved	10.9	10.9	
SDCD-02/SW-12	SMI	7-Jan-00	Barium, dissolved	11	11	J
SDCD-02/SW-12	SMI	17-Feb-99	Barium, dissolved	11.8	11.8	
SDCD-02/SW-12	SMI	17-Feb-99	Barium, dissolved	11.8	11.8	
SDCD-02/SW-12	SMI	12-Jan-99	Barium, dissolved	12	12	
SDCD-02/SW-12	SMI	22-Apr-99	Barium, dissolved	12	12	
SDCD-02/SW-12	SMI	19-May-99	Barium, dissolved	12	12	
SDCD-02/SW-12	SMI	13-Jun-99	Barium, dissolved	12	12	J
SDCD-02/SW-12	URS	8-Apr-00	Barium, dissolved	12.3	12.3	J
SDCD-02/SW-12	SMI	9-Dec-99	Barium, dissolved	12.5	12.5	
SDCD-02/SW-12	SMI	6-Aug-99	Barium, dissolved	13.5	13.5	
SDCD-02/SW-12	URS	12-Sep-99	Barium, dissolved	13.7	13.7	J
SDCD-02/SW-12	SMI	16-Oct-98	Barium, dissolved	14	14	
SDCD-02/SW-12	SMI	10-Nov-98	Barium, dissolved	14	14	
SDCD-02/SW-12	SMI	8-Dec-98	Barium, dissolved	14	14	
SDCD-02/SW-12	SMI	11-Mar-99	Barium, dissolved	18.6	18.6	J
SDCD-02/SW-12	URS	8-Apr-00	Beryllium, dissolved	2.8	2.8	
SDCD-02/SW-12	SMI	10-Nov-98	Beryllium, dissolved	3	3	J
SDCD-02/SW-12	URS	12-Sep-99	Beryllium, dissolved	3.2	3.2	
SDCD-02/SW-12	SMI	8-Dec-98	Beryllium, dissolved	4	4	J
SDCD-02/SW-12	SMI	17-Feb-99	Beryllium, dissolved	4	4	J
SDCD-02/SW-12	SMI	17-Feb-99	Beryllium, dissolved	4	4	J
SDCD-02/SW-12	SMI	3-Feb-00	Beryllium, dissolved	2	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	19-May-99	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Beryllium, dissolved	4	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	6-Aug-99	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Beryllium, dissolved	4	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Beryllium, dissolved	10	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Cadmium, dissolved	28	28	
SDCD-02/SW-12	SMI	11-Mar-99	Cadmium, dissolved	28.3	28.3	
SDCD-02/SW-12	URS	8-Apr-00	Cadmium, dissolved	29.9	29.9	
SDCD-02/SW-12	SMI	19-May-99	Cadmium, dissolved	37	37	J
SDCD-02/SW-12	SMI	13-Jun-99	Cadmium, dissolved	38.7	38.7	
SDCD-02/SW-12	SMI	6-Aug-99	Cadmium, dissolved	40.5	40.5	
SDCD-02/SW-12	SMI	9-Dec-99	Cadmium, dissolved	43.4	43.4	
SDCD-02/SW-12	URS	12-Sep-99	Cadmium, dissolved	44.1	44.1	
SDCD-02/SW-12	SMI	16-Oct-98	Cadmium, dissolved	50	50	J
SDCD-02/SW-12	SMI	10-Nov-98	Cadmium, dissolved	50	50	
SDCD-02/SW-12	SMI	7-Jan-00	Cadmium, dissolved	50	50	J
SDCD-02/SW-12	SMI	3-Feb-00	Cadmium, dissolved	50.8	50.8	J
SDCD-02/SW-12	SMI	17-Feb-99	Cadmium, dissolved	52.2	52.2	
SDCD-02/SW-12	SMI	17-Feb-99	Cadmium, dissolved	52.7	52.7	
SDCD-02/SW-12	SMI	8-Dec-98	Cadmium, dissolved	54	54	
SDCD-02/SW-12	SMI	12-Jan-99	Cadmium, dissolved	54	54	
SDCD-02/SW-12	SMI	9-Dec-99	Chromium, dissolved	0.5	0.5	J
SDCD-02/SW-12	URS	12-Sep-99	Chromium, dissolved	9.4	9.4	
SDCD-02/SW-12	SMI	6-Aug-99	Chromium, dissolved	0.3	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Chromium, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Chromium, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Chromium, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Chromium, dissolved	0.6	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	19-May-99	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Chromium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Chromium, dissolved	2	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Chromium, dissolved	2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Chromium, dissolved	1.1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Cobalt, dissolved	40.7	40.7	J
SDCD-02/SW-12	URS	12-Sep-99	Cobalt, dissolved	52.6	52.6	
SDCD-02/SW-12	SMI	9-Dec-99	Cobalt, dissolved	70	70	J
SDCD-02/SW-12	SMI	9-Dec-99	Copper, dissolved	1.3	1.3	J
SDCD-02/SW-12	URS	12-Sep-99	Copper, dissolved	1.6	1.6	J
SDCD-02/SW-12	URS	8-Apr-00	Copper, dissolved	3.6	3.6	J
SDCD-02/SW-12	SMI	19-May-99	Copper, dissolved	7	7	J
SDCD-02/SW-12	SMI	8-Dec-98	Copper, dissolved	10	10	J
SDCD-02/SW-12	SMI	7-Jan-00	Copper, dissolved	10	10	J
SDCD-02/SW-12	SMI	6-Aug-99	Copper, dissolved	13	13	
SDCD-02/SW-12	SMI	11-Mar-99	Copper, dissolved	15	15	
SDCD-02/SW-12	SMI	17-Feb-99	Copper, dissolved	21	21	
SDCD-02/SW-12	SMI	17-Feb-99	Copper, dissolved	21	21	
SDCD-02/SW-12	SMI	12-Jan-99	Copper, dissolved	22	22	J
SDCD-02/SW-12	SMI	13-Jun-99	Copper, dissolved	30	30	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	10-Nov-98	Copper, dissolved	40	40	J
SDCD-02/SW-12	SMI	16-Oct-98	Copper, dissolved	47	47	J
SDCD-02/SW-12	SMI	3-Feb-00	Copper, dissolved	47	47	J
SDCD-02/SW-12	SMI	22-Apr-99	Copper, dissolved	5	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Lead, dissolved	0.2	0.2	J
SDCD-02/SW-12	SMI	13-Jun-99	Lead, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Lead, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Lead, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Lead, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Lead, dissolved	0.4	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Lead, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	19-May-99	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Lead, dissolved	2	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Lead, dissolved	200	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Lead, dissolved	0.9	ND	UJ
SDCD-02/SW-12	URS	12-Sep-99	Lead, dissolved	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Magnesium, dissolved	150000	150000	
SDCD-02/SW-12	SMI	11-Mar-99	Magnesium, dissolved	177000	177000	
SDCD-02/SW-12	URS	8-Apr-00	Magnesium, dissolved	190000	190000	
SDCD-02/SW-12	SMI	6-Aug-99	Magnesium, dissolved	201000	201000	
SDCD-02/SW-12	SMI	19-May-99	Magnesium, dissolved	224000	224000	
SDCD-02/SW-12	SMI	13-Jun-99	Magnesium, dissolved	226000	226000	
SDCD-02/SW-12	URS	12-Sep-99	Magnesium, dissolved	267000	267000	
SDCD-02/SW-12	SMI	16-Oct-98	Magnesium, dissolved	271000	271000	
SDCD-02/SW-12	SMI	9-Dec-99	Magnesium, dissolved	274000	274000	
SDCD-02/SW-12	SMI	3-Feb-00	Magnesium, dissolved	283000	283000	
SDCD-02/SW-12	SMI	7-Jan-00	Magnesium, dissolved	287000	287000	
SDCD-02/SW-12	SMI	8-Dec-98	Magnesium, dissolved	296000	296000	
SDCD-02/SW-12	SMI	10-Nov-98	Magnesium, dissolved	298000	298000	
SDCD-02/SW-12	SMI	17-Feb-99	Magnesium, dissolved	298000	298000	
SDCD-02/SW-12	SMI	17-Feb-99	Magnesium, dissolved	301000	301000	
SDCD-02/SW-12	SMI	12-Jan-99	Magnesium, dissolved	304000	304000	
SDCD-02/SW-12	SMI	11-Mar-99	Manganese, dissolved	41800	41800	
SDCD-02/SW-12	URS	8-Apr-00	Manganese, dissolved	43100	43100	
SDCD-02/SW-12	SMI	22-Apr-99	Manganese, dissolved	53700	53700	
SDCD-02/SW-12	SMI	6-Aug-99	Manganese, dissolved	54800	54800	
SDCD-02/SW-12	SMI	19-May-99	Manganese, dissolved	58400	58400	
SDCD-02/SW-12	SMI	13-Jun-99	Manganese, dissolved	63700	63700	
SDCD-02/SW-12	SMI	3-Feb-00	Manganese, dissolved	64800	64800	
SDCD-02/SW-12	URS	12-Sep-99	Manganese, dissolved	68600	68600	
SDCD-02/SW-12	SMI	7-Jan-00	Manganese, dissolved	73700	73700	
SDCD-02/SW-12	SMI	9-Dec-99	Manganese, dissolved	76100	76100	
SDCD-02/SW-12	SMI	16-Oct-98	Manganese, dissolved	84700	84700	
SDCD-02/SW-12	SMI	17-Feb-99	Manganese, dissolved	87400	87400	
SDCD-02/SW-12	SMI	8-Dec-98	Manganese, dissolved	88400	88400	
SDCD-02/SW-12	SMI	17-Feb-99	Manganese, dissolved	88500	88500	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	10-Nov-98	Manganese, dissolved	90600	90600	
SDCD-02/SW-12	SMI	12-Jan-99	Manganese, dissolved	94000	94000	
SDCD-02/SW-12	SMI	9-Dec-99	Mercury, dissolved	0.2	0.2	J
SDCD-02/SW-12	SMI	16-Oct-98	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	19-May-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Mercury, dissolved	0.2	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Mercury, dissolved	0.1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Mercury, dissolved	0.1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Nickel, dissolved	730	730	
SDCD-02/SW-12	SMI	11-Mar-99	Nickel, dissolved	820	820	
SDCD-02/SW-12	URS	8-Apr-00	Nickel, dissolved	859	859	
SDCD-02/SW-12	SMI	6-Aug-99	Nickel, dissolved	940	940	
SDCD-02/SW-12	SMI	19-May-99	Nickel, dissolved	1010	1010	J
SDCD-02/SW-12	SMI	13-Jun-99	Nickel, dissolved	1030	1030	J
SDCD-02/SW-12	SMI	3-Feb-00	Nickel, dissolved	1180	1180	
SDCD-02/SW-12	URS	12-Sep-99	Nickel, dissolved	1190	1190	
SDCD-02/SW-12	SMI	9-Dec-99	Nickel, dissolved	1240	1240	
SDCD-02/SW-12	SMI	16-Oct-98	Nickel, dissolved	1270	1270	
SDCD-02/SW-12	SMI	7-Jan-00	Nickel, dissolved	1290	1290	
SDCD-02/SW-12	SMI	10-Nov-98	Nickel, dissolved	1370	1370	
SDCD-02/SW-12	SMI	17-Feb-99	Nickel, dissolved	1370	1370	
SDCD-02/SW-12	SMI	12-Jan-99	Nickel, dissolved	1390	1390	J
SDCD-02/SW-12	SMI	8-Dec-98	Nickel, dissolved	1400	1400	
SDCD-02/SW-12	SMI	17-Feb-99	Nickel, dissolved	1410	1410	
SDCD-02/SW-12	URS	8-Apr-00	Silver, dissolved	2.9	2.9	
SDCD-02/SW-12	SMI	16-Oct-98	Silver, dissolved	10	10	J
SDCD-02/SW-12	SMI	8-Dec-98	Silver, dissolved	10	10	J
SDCD-02/SW-12	SMI	17-Feb-99	Silver, dissolved	10	10	J
SDCD-02/SW-12	SMI	9-Dec-99	Silver, dissolved	12	12	J
SDCD-02/SW-12	SMI	10-Nov-98	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	19-May-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Silver, dissolved	10	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Silver, dissolved	11	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Silver, dissolved	0.7	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	9-Dec-99	Thallium, dissolved	0.07	0.07	J
SDCD-02/SW-12	SMI	13-Jun-99	Thallium, dissolved	0.1	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Thallium, dissolved	0.1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Thallium, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Thallium, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Thallium, dissolved	0.2	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Thallium, dissolved	0.3	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Thallium, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Thallium, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Thallium, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Thallium, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	19-May-99	Thallium, dissolved	0.5	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Thallium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Thallium, dissolved	1	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Thallium, dissolved	1.1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Thallium, dissolved	1.2	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Vanadium, dissolved	2.1	2.1	J
SDCD-02/SW-12	SMI	9-Dec-99	Vanadium, dissolved	5	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Vanadium, dissolved	1	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Zinc, dissolved	740	740	
SDCD-02/SW-12	URS	8-Apr-00	Zinc, dissolved	756	756	
SDCD-02/SW-12	SMI	19-May-99	Zinc, dissolved	770	770	
SDCD-02/SW-12	SMI	22-Apr-99	Zinc, dissolved	830	830	
SDCD-02/SW-12	SMI	6-Aug-99	Zinc, dissolved	890	890	
SDCD-02/SW-12	SMI	13-Jun-99	Zinc, dissolved	970	970	
SDCD-02/SW-12	SMI	16-Oct-98	Zinc, dissolved	1000	1000	J
SDCD-02/SW-12	SMI	8-Dec-98	Zinc, dissolved	1000	1000	J
SDCD-02/SW-12	URS	12-Sep-99	Zinc, dissolved	1160	1160	
SDCD-02/SW-12	SMI	9-Dec-99	Zinc, dissolved	1220	1220	
SDCD-02/SW-12	SMI	10-Nov-98	Zinc, dissolved	1240	1240	
SDCD-02/SW-12	SMI	3-Feb-00	Zinc, dissolved	1280	1280	
SDCD-02/SW-12	SMI	7-Jan-00	Zinc, dissolved	1340	1340	J
SDCD-02/SW-12	SMI	12-Jan-99	Zinc, dissolved	1480	1480	
SDCD-02/SW-12	SMI	17-Feb-99	Zinc, dissolved	2000	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Zinc, dissolved	2000	ND	U
Far Western Drainage						
SDFW-01/SWFW-01	URS	11-Apr-00	Antimony, dissolved	2.7	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Arsenic, dissolved	1.4	1.4	
SDFW-01/SWFW-01	URS	11-Apr-00	Barium, dissolved	43.3	43.3	J
SDFW-01/SWFW-01	URS	11-Apr-00	Beryllium, dissolved	0.1	ND	UJ
SDFW-01/SWFW-01	URS	11-Apr-00	Cadmium, dissolved	0.5	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Chromium, dissolved	1.1	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Cobalt, dissolved	1.2	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Copper, dissolved	1.4	1.4	J
SDFW-01/SWFW-01	URS	11-Apr-00	Lead, dissolved	0.9	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Magnesium, dissolved	3880	3880	
SDFW-01/SWFW-01	URS	11-Apr-00	Manganese, dissolved	3.7	3.7	J
SDFW-01/SWFW-01	URS	11-Apr-00	Mercury, dissolved	0.1	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Nickel, dissolved	0.92	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Silver, dissolved	0.8	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDFW-01/SWFW-01	URS	11-Apr-00	Thallium, dissolved	1.2	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Vanadium, dissolved	2.4	2.4	J
SDFW-01/SWFW-01	URS	11-Apr-00	Zinc, dissolved	3.8	3.8	J
Lower Blue Creek						
BC01SW/BC01SD	URS	4-Apr-00	Antimony, dissolved	2.8	2.8	J
BC01SW/BC01SD	URS	28-Sep-99	Antimony, dissolved	2.2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Antimony, dissolved	2.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Antimony, dissolved	2.7	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Antimony, dissolved	2.7	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Arsenic, dissolved	0.72	0.72	J
BC04SW/BC04SD	URS	28-Sep-99	Arsenic, dissolved	0.82	0.82	J
BC01SW/BC01SD	URS	4-Apr-00	Arsenic, dissolved	1.5	1.5	
BC04SW/BC04SD	URS	4-Apr-00	Arsenic, dissolved	1.5	1.5	
BC01SW/BC01SD	URS	4-Apr-00	Arsenic, dissolved	1.6	1.6	
BC01SW/BC01SD	URS	4-Apr-00	Barium, dissolved	32.7	32.7	J
BC04SW/BC04SD	URS	4-Apr-00	Barium, dissolved	34.5	34.5	J
BC01SW/BC01SD	URS	4-Apr-00	Barium, dissolved	36.8	36.8	J
BC04SW/BC04SD	URS	28-Sep-99	Barium, dissolved	53.2	53.2	J
BC01SW/BC01SD	URS	28-Sep-99	Barium, dissolved	58.4	58.4	J
BC01SW/BC01SD	URS	28-Sep-99	Beryllium, dissolved	0.1	ND	UJ
BC04SW/BC04SD	URS	28-Sep-99	Beryllium, dissolved	0.1	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Beryllium, dissolved	0.21	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Beryllium, dissolved	0.24	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Beryllium, dissolved	0.26	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Cadmium, dissolved	0.2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Cadmium, dissolved	0.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cadmium, dissolved	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cadmium, dissolved	0.5	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Cadmium, dissolved	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Chromium, dissolved	1.7	1.7	J
BC04SW/BC04SD	URS	4-Apr-00	Chromium, dissolved	2.1	2.1	J
BC01SW/BC01SD	URS	4-Apr-00	Chromium, dissolved	3.7	3.7	J
BC01SW/BC01SD	URS	28-Sep-99	Chromium, dissolved	0.4	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Chromium, dissolved	0.4	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Cobalt, dissolved	0.5	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Cobalt, dissolved	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cobalt, dissolved	1.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cobalt, dissolved	1.2	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Cobalt, dissolved	1.2	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Copper, dissolved	0.5	ND	UJ
BC04SW/BC04SD	URS	28-Sep-99	Copper, dissolved	0.5	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Copper, dissolved	1.9	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Copper, dissolved	2.9	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Copper, dissolved	4.8	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Lead, dissolved	1.1	1.1	J
BC01SW/BC01SD	URS	4-Apr-00	Lead, dissolved	1.6	1.6	J
BC04SW/BC04SD	URS	4-Apr-00	Lead, dissolved	0.9	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Lead, dissolved	1	ND	UJ
BC04SW/BC04SD	URS	28-Sep-99	Lead, dissolved	1	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Magnesium, dissolved	4580	4580	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC04SW/BC04SD	URS	4-Apr-00	Magnesium, dissolved	4680	4680	
BC01SW/BC01SD	URS	4-Apr-00	Magnesium, dissolved	5190	5190	
BC01SW/BC01SD	URS	28-Sep-99	Magnesium, dissolved	79600	79600	
BC04SW/BC04SD	URS	28-Sep-99	Magnesium, dissolved	79800	79800	
BC04SW/BC04SD	URS	28-Sep-99	Manganese, dissolved	11.1	11.1	J
BC01SW/BC01SD	URS	28-Sep-99	Manganese, dissolved	29.6	29.6	
BC01SW/BC01SD	URS	4-Apr-00	Manganese, dissolved	32.2	32.2	
BC01SW/BC01SD	URS	4-Apr-00	Manganese, dissolved	35.8	35.8	
BC04SW/BC04SD	URS	4-Apr-00	Manganese, dissolved	36.7	36.7	
BC01SW/BC01SD	URS	28-Sep-99	Mercury, dissolved	0.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Mercury, dissolved	0.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Mercury, dissolved	0.1	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Mercury, dissolved	0.1	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Mercury, dissolved	0.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Nickel, dissolved	2.5	2.5	J
BC01SW/BC01SD	URS	4-Apr-00	Nickel, dissolved	4.4	4.4	J
BC04SW/BC04SD	URS	4-Apr-00	Nickel, dissolved	3.4	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Nickel, dissolved	4.3	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Nickel, dissolved	4.4	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Silver, dissolved	0.7	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Silver, dissolved	0.7	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Silver, dissolved	0.8	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Silver, dissolved	0.8	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Silver, dissolved	0.8	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Thallium, dissolved	1.1	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Thallium, dissolved	1.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Thallium, dissolved	1.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Thallium, dissolved	1.2	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Thallium, dissolved	1.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Vanadium, dissolved	3.5	3.5	J
BC04SW/BC04SD	URS	4-Apr-00	Vanadium, dissolved	3.8	3.8	J
BC01SW/BC01SD	URS	4-Apr-00	Vanadium, dissolved	4.7	4.7	J
BC01SW/BC01SD	URS	28-Sep-99	Vanadium, dissolved	0.5	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Vanadium, dissolved	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Zinc, dissolved	5.4	5.4	J
BC04SW/BC04SD	URS	4-Apr-00	Zinc, dissolved	5.8	5.8	J
BC01SW/BC01SD	URS	4-Apr-00	Zinc, dissolved	6.5	6.5	J
BC04SW/BC04SD	URS	28-Sep-99	Zinc, dissolved	2.3	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Zinc, dissolved	2.5	ND	U
Lower Eastern Drainage						
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Antimony, dissolved	2.4	2.4	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Antimony, dissolved	3	3	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Antimony, dissolved	7	7	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Antimony, dissolved	2.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Arsenic, dissolved	1	1	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Arsenic, dissolved	1.2	1.2	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Arsenic, dissolved	1.2	1.2	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Arsenic, dissolved	1.6	1.6	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Arsenic, dissolved	1.8	1.8	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Arsenic, dissolved	2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Arsenic, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Arsenic, dissolved	3	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Arsenic, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Arsenic, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Arsenic, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Arsenic, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Arsenic, dissolved	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Barium, dissolved	16.6	16.6	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Barium, dissolved	16.8	16.8	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Barium, dissolved	21.1	21.1	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Barium, dissolved	21.4	21.4	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Barium, dissolved	22.5	22.5	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Barium, dissolved	23	23	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Barium, dissolved	50	50	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Barium, dissolved	55	55	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Barium, dissolved	59.5	59.5	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Barium, dissolved	60.7	60.7	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Barium, dissolved	68	68	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Barium, dissolved	68.9	68.9	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Barium, dissolved	77	77	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Beryllium, dissolved	0.25	0.25	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Beryllium, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Beryllium, dissolved	4	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Beryllium, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Beryllium, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Beryllium, dissolved	0.25	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cadmium, dissolved	0.24	0.24	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Cadmium, dissolved	0.5	0.5	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Cadmium, dissolved	1.8	1.8	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Cadmium, dissolved	2	2	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Cadmium, dissolved	2.2	2.2	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Cadmium, dissolved	2.2	2.2	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Cadmium, dissolved	2.6	2.6	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Cadmium, dissolved	2.8	2.8	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Cadmium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Cadmium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Cadmium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Cadmium, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cadmium, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Chromium, dissolved	1.1	1.1	J
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Chromium, dissolved	2	2	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Chromium, dissolved	3	3	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Chromium, dissolved	7	7	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Chromium, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Chromium, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Chromium, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Chromium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Chromium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Chromium, dissolved	3	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Chromium, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Chromium, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Chromium, dissolved	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Cobalt, dissolved	1.7	1.7	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cobalt, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cobalt, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Cobalt, dissolved	1.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Copper, dissolved	1.2	1.2	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Copper, dissolved	2	2	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Copper, dissolved	6	6	J
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Copper, dissolved	6	6	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Copper, dissolved	7	7	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Copper, dissolved	7	7	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Copper, dissolved	10	10	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Copper, dissolved	12	12	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Copper, dissolved	40	40	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Copper, dissolved	50	50	J
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Copper, dissolved	0.5	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Copper, dissolved	0.5	ND	UJ
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Copper, dissolved	1.7	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Lead, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Lead, dissolved	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Lead, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Lead, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Lead, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Lead, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Lead, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Lead, dissolved	2	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Lead, dissolved	0.9	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Lead, dissolved	1	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Lead, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Lead, dissolved	1	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Magnesium, dissolved	66100	66100	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Magnesium, dissolved	69300	69300	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Magnesium, dissolved	77200	77200	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Magnesium, dissolved	77900	77900	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Magnesium, dissolved	79600	79600	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Magnesium, dissolved	85400	85400	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Magnesium, dissolved	89000	89000	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Magnesium, dissolved	101000	101000	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Magnesium, dissolved	102000	102000	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Magnesium, dissolved	110000	110000	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Magnesium, dissolved	119000	119000	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Magnesium, dissolved	126000	126000	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Magnesium, dissolved	131000	131000	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Manganese, dissolved	289	289	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Manganese, dissolved	303	303	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Manganese, dissolved	306	306	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Manganese, dissolved	378	378	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Manganese, dissolved	426	426	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Manganese, dissolved	487	487	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Manganese, dissolved	780	780	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Manganese, dissolved	2960	2960	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Manganese, dissolved	3310	3310	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Manganese, dissolved	3960	3960	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Manganese, dissolved	3990	3990	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Manganese, dissolved	4400	4400	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Manganese, dissolved	4880	4880	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Mercury, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Mercury, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Mercury, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Mercury, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Nickel, dissolved	8.8	8.8	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Nickel, dissolved	10.4	10.4	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Nickel, dissolved	20	20	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Nickel, dissolved	82.3	82.3	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Nickel, dissolved	88.5	88.5	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Nickel, dissolved	100	100	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Nickel, dissolved	110	110	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Nickel, dissolved	110	110	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Nickel, dissolved	190	190	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Nickel, dissolved	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Nickel, dissolved	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Nickel, dissolved	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Silver, dissolved	10	10	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Silver, dissolved	30	30	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Silver, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Silver, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Silver, dissolved	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Silver, dissolved	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Silver, dissolved	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Silver, dissolved	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Silver, dissolved	10	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Silver, dissolved	0.7	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Silver, dissolved	0.7	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Silver, dissolved	0.7	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Silver, dissolved	0.8	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Thallium, dissolved	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Thallium, dissolved	0.3	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Thallium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Thallium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Thallium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Thallium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Thallium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thallium, dissolved	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Thallium, dissolved	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thallium, dissolved	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Thallium, dissolved	1.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Vanadium, dissolved	0.9	0.9	J
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Vanadium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Vanadium, dissolved	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Vanadium, dissolved	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Zinc, dissolved	20	20	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Zinc, dissolved	40	40	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Zinc, dissolved	40	40	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Zinc, dissolved	40	40	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Zinc, dissolved	46.8	46.8	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Zinc, dissolved	50	50	J
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Zinc, dissolved	73.1	73.1	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Zinc, dissolved	78	78	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Zinc, dissolved	80	80	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Zinc, dissolved	95	95	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Zinc, dissolved	115	115	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Zinc, dissolved	4.8	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Zinc, dissolved	5.1	ND	U
Middle Blue Creek						
BC05SW/BC05SD	URS	29-Sep-99	Antimony, dissolved	2.2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Antimony, dissolved	2.2	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Antimony, dissolved	2.7	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Antimony, dissolved	2.7	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Arsenic, dissolved	0.78	0.78	J
BC09SW/BC09SD	URS	29-Sep-99	Arsenic, dissolved	0.95	0.95	J
SW-5	SMI	14-Jun-99	Arsenic, dissolved	1	1	J
SW-7	SMI	14-Jun-99	Arsenic, dissolved	1	1	J
BC09SW/BC09SD	URS	5-Apr-00	Arsenic, dissolved	1.3	1.3	
BC05SW/BC05SD	URS	4-Apr-00	Arsenic, dissolved	1.4	1.4	
SW-5	SMI	12-Mar-99	Arsenic, dissolved	1	ND	U
SW-7	SMI	12-Mar-99	Arsenic, dissolved	1	ND	U
SW-5	SMI	13-Jan-99	Arsenic, dissolved	2	ND	U
SW-5	SMI	21-Apr-99	Arsenic, dissolved	2	ND	U
SW-5	SMI	16-May-99	Arsenic, dissolved	2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	13-Jan-99	Arsenic, dissolved	2	ND	U
SW-5	SMI	15-Oct-98	Arsenic, dissolved	5	ND	U
SW-5	SMI	12-Nov-98	Arsenic, dissolved	5	ND	U
SW-5	SMI	9-Dec-98	Arsenic, dissolved	5	ND	U
SW-5	SMI	18-Feb-99	Arsenic, dissolved	5	ND	U
SW-7	SMI	15-Oct-98	Arsenic, dissolved	5	ND	U
SW-7	SMI	11-Nov-98	Arsenic, dissolved	5	ND	U
SW-7	SMI	9-Dec-98	Arsenic, dissolved	5	ND	U
SW-7	SMI	18-Feb-99	Arsenic, dissolved	5	ND	U
SW-7	SMI	21-Apr-99	Arsenic, dissolved	5	ND	U
SW-7	SMI	16-May-99	Arsenic, dissolved	5	ND	U
SW-7	SMI	18-Feb-99	Barium, dissolved	16	16	
SW-7	SMI	13-Jan-99	Barium, dissolved	16.8	16.8	
SW-7	SMI	9-Dec-98	Barium, dissolved	23	23	
SW-5	SMI	13-Jan-99	Barium, dissolved	24.5	24.5	
SW-5	SMI	9-Dec-98	Barium, dissolved	27	27	
SW-5	SMI	18-Feb-99	Barium, dissolved	29	29	
SW-7	SMI	12-Mar-99	Barium, dissolved	32.2	32.2	
SW-5	SMI	21-Apr-99	Barium, dissolved	35.2	35.2	
SW-7	SMI	21-Apr-99	Barium, dissolved	37	37	
BC09SW/BC09SD	URS	5-Apr-00	Barium, dissolved	37.9	37.9	J
BC05SW/BC05SD	URS	4-Apr-00	Barium, dissolved	39.4	39.4	J
SW-5	SMI	12-Mar-99	Barium, dissolved	40.7	40.7	
SW-5	SMI	16-May-99	Barium, dissolved	43	43	
SW-7	SMI	16-May-99	Barium, dissolved	46	46	
SW-5	SMI	15-Oct-98	Barium, dissolved	48	48	
SW-5	SMI	12-Nov-98	Barium, dissolved	48	48	J
BC09SW/BC09SD	URS	29-Sep-99	Barium, dissolved	48	48	J
SW-7	SMI	11-Nov-98	Barium, dissolved	51	51	
SW-5	SMI	14-Jun-99	Barium, dissolved	51.8	51.8	J
BC05SW/BC05SD	URS	29-Sep-99	Barium, dissolved	53.8	53.8	J
SW-7	SMI	15-Oct-98	Barium, dissolved	56	56	
SW-7	SMI	14-Jun-99	Barium, dissolved	60.2	60.2	J
SW-5	SMI	9-Dec-98	Beryllium, dissolved	2	ND	U
SW-5	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	18-Feb-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	21-Apr-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	16-May-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	9-Dec-98	Beryllium, dissolved	2	ND	U
SW-7	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	18-Feb-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	21-Apr-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	16-May-99	Beryllium, dissolved	2	ND	U
SW-7	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-5	SMI	15-Oct-98	Beryllium, dissolved	4	ND	U
SW-5	SMI	12-Nov-98	Beryllium, dissolved	4	ND	U
SW-7	SMI	15-Oct-98	Beryllium, dissolved	4	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	11-Nov-98	Beryllium, dissolved	4	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Beryllium, dissolved	0.1	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Beryllium, dissolved	0.1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Beryllium, dissolved	0.25	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Beryllium, dissolved	0.27	ND	U
SW-5	SMI	12-Mar-99	Cadmium, dissolved	0.2	ND	U
SW-5	SMI	14-Jun-99	Cadmium, dissolved	0.2	ND	U
SW-7	SMI	12-Mar-99	Cadmium, dissolved	0.2	ND	U
SW-7	SMI	14-Jun-99	Cadmium, dissolved	0.2	ND	U
SW-5	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-5	SMI	21-Apr-99	Cadmium, dissolved	0.4	ND	U
SW-5	SMI	16-May-99	Cadmium, dissolved	0.4	ND	U
SW-7	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-5	SMI	15-Oct-98	Cadmium, dissolved	1	ND	U
SW-5	SMI	12-Nov-98	Cadmium, dissolved	1	ND	U
SW-5	SMI	9-Dec-98	Cadmium, dissolved	1	ND	U
SW-5	SMI	18-Feb-99	Cadmium, dissolved	1	ND	U
SW-7	SMI	15-Oct-98	Cadmium, dissolved	1	ND	U
SW-7	SMI	11-Nov-98	Cadmium, dissolved	1	ND	U
SW-7	SMI	9-Dec-98	Cadmium, dissolved	1	ND	U
SW-7	SMI	18-Feb-99	Cadmium, dissolved	1	ND	U
SW-7	SMI	21-Apr-99	Cadmium, dissolved	1	ND	U
SW-7	SMI	16-May-99	Cadmium, dissolved	1	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Cadmium, dissolved	0.2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Cadmium, dissolved	0.2	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Cadmium, dissolved	0.5	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Cadmium, dissolved	0.5	ND	U
SW-7	SMI	12-Mar-99	Chromium, dissolved	0.4	0.4	J
SW-5	SMI	12-Mar-99	Chromium, dissolved	0.6	0.6	J
SW-5	SMI	21-Apr-99	Chromium, dissolved	0.6	0.6	J
SW-5	SMI	14-Jun-99	Chromium, dissolved	1.1	1.1	
SW-5	SMI	16-May-99	Chromium, dissolved	1.2	1.2	J
BC09SW/BC09SD	URS	5-Apr-00	Chromium, dissolved	1.5	1.5	J
BC05SW/BC05SD	URS	4-Apr-00	Chromium, dissolved	1.9	1.9	J
SW-7	SMI	11-Nov-98	Chromium, dissolved	2	2	J
SW-7	SMI	16-May-99	Chromium, dissolved	2	2	J
SW-5	SMI	12-Nov-98	Chromium, dissolved	3	3	J
BC09SW/BC09SD	URS	29-Sep-99	Chromium, dissolved	7.4	7.4	J
SW-5	SMI	13-Jan-99	Chromium, dissolved	0.4	ND	U
SW-7	SMI	13-Jan-99	Chromium, dissolved	0.4	ND	U
SW-7	SMI	14-Jun-99	Chromium, dissolved	0.7	ND	U
SW-5	SMI	9-Dec-98	Chromium, dissolved	1	ND	U
SW-5	SMI	18-Feb-99	Chromium, dissolved	1	ND	U
SW-7	SMI	9-Dec-98	Chromium, dissolved	1	ND	U
SW-7	SMI	18-Feb-99	Chromium, dissolved	1	ND	U
SW-7	SMI	21-Apr-99	Chromium, dissolved	1	ND	U
SW-5	SMI	15-Oct-98	Chromium, dissolved	2	ND	U
SW-7	SMI	15-Oct-98	Chromium, dissolved	2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Chromium, dissolved	0.4	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Cobalt, dissolved	0.5	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC05SW/BC05SD	URS	4-Apr-00	Cobalt, dissolved	1.2	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Cobalt, dissolved	1.2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Cobalt, dissolved	2.7	ND	U
SW-7	SMI	12-Mar-99	Copper, dissolved	2	2	J
SW-5	SMI	12-Mar-99	Copper, dissolved	3	3	J
SW-5	SMI	14-Jun-99	Copper, dissolved	5	5	J
SW-7	SMI	14-Jun-99	Copper, dissolved	5	5	J
SW-5	SMI	21-Apr-99	Copper, dissolved	6	6	J
SW-7	SMI	21-Apr-99	Copper, dissolved	8	8	J
SW-5	SMI	16-May-99	Copper, dissolved	16	16	J
SW-7	SMI	16-May-99	Copper, dissolved	17	17	J
SW-7	SMI	11-Nov-98	Copper, dissolved	31	31	
SW-7	SMI	15-Oct-98	Copper, dissolved	34	34	
SW-5	SMI	12-Nov-98	Copper, dissolved	36	36	J
SW-5	SMI	15-Oct-98	Copper, dissolved	37	37	
SW-5	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-7	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-5	SMI	9-Dec-98	Copper, dissolved	5	ND	U
SW-5	SMI	18-Feb-99	Copper, dissolved	5	ND	U
SW-7	SMI	9-Dec-98	Copper, dissolved	5	ND	U
SW-7	SMI	18-Feb-99	Copper, dissolved	5	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Copper, dissolved	0.5	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Copper, dissolved	0.5	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Copper, dissolved	2.9	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Copper, dissolved	5.4	ND	U
SW-7	SMI	12-Mar-99	Lead, dissolved	1	1	
SW-5	SMI	12-Mar-99	Lead, dissolved	1.1	1.1	
SW-5	SMI	14-Jun-99	Lead, dissolved	0.2	ND	U
SW-7	SMI	14-Jun-99	Lead, dissolved	0.2	ND	U
SW-5	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-5	SMI	21-Apr-99	Lead, dissolved	0.4	ND	U
SW-5	SMI	16-May-99	Lead, dissolved	0.4	ND	U
SW-7	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-5	SMI	15-Oct-98	Lead, dissolved	1	ND	U
SW-5	SMI	12-Nov-98	Lead, dissolved	1	ND	U
SW-5	SMI	9-Dec-98	Lead, dissolved	1	ND	U
SW-5	SMI	18-Feb-99	Lead, dissolved	1	ND	U
SW-7	SMI	15-Oct-98	Lead, dissolved	1	ND	U
SW-7	SMI	11-Nov-98	Lead, dissolved	1	ND	U
SW-7	SMI	9-Dec-98	Lead, dissolved	1	ND	U
SW-7	SMI	18-Feb-99	Lead, dissolved	1	ND	U
SW-7	SMI	21-Apr-99	Lead, dissolved	1	ND	U
SW-7	SMI	16-May-99	Lead, dissolved	1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Lead, dissolved	0.9	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Lead, dissolved	0.9	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Lead, dissolved	1	ND	UJ
BC09SW/BC09SD	URS	29-Sep-99	Lead, dissolved	1	ND	UJ
BC05SW/BC05SD	URS	4-Apr-00	Magnesium, dissolved	5830	5830	
SW-7	SMI	12-Mar-99	Magnesium, dissolved	6300	6300	
BC09SW/BC09SD	URS	5-Apr-00	Magnesium, dissolved	7200	7200	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-5	SMI	12-Mar-99	Magnesium, dissolved	8200	8200	
SW-5	SMI	21-Apr-99	Magnesium, dissolved	14000	14000	
SW-7	SMI	21-Apr-99	Magnesium, dissolved	16800	16800	
SW-7	SMI	18-Feb-99	Magnesium, dissolved	21100	21100	
SW-5	SMI	18-Feb-99	Magnesium, dissolved	27800	27800	
SW-7	SMI	16-May-99	Magnesium, dissolved	31200	31200	
SW-5	SMI	16-May-99	Magnesium, dissolved	31500	31500	
SW-7	SMI	13-Jan-99	Magnesium, dissolved	36600	36600	
SW-5	SMI	9-Dec-98	Magnesium, dissolved	43100	43100	
SW-5	SMI	13-Jan-99	Magnesium, dissolved	44200	44200	
SW-7	SMI	9-Dec-98	Magnesium, dissolved	46800	46800	
SW-7	SMI	14-Jun-99	Magnesium, dissolved	48600	48600	
SW-5	SMI	14-Jun-99	Magnesium, dissolved	49900	49900	
SW-5	SMI	15-Oct-98	Magnesium, dissolved	75300	75300	
SW-7	SMI	15-Oct-98	Magnesium, dissolved	78700	78700	
BC05SW/BC05SD	URS	29-Sep-99	Magnesium, dissolved	80200	80200	
BC09SW/BC09SD	URS	29-Sep-99	Magnesium, dissolved	87000	87000	
SW-7	SMI	11-Nov-98	Magnesium, dissolved	91500	91500	
SW-5	SMI	12-Nov-98	Magnesium, dissolved	105000	105000	
SW-7	SMI	13-Jan-99	Manganese, dissolved	1.8	1.8	J
SW-7	SMI	15-Oct-98	Manganese, dissolved	5	5	J
SW-7	SMI	11-Nov-98	Manganese, dissolved	8.9	8.9	
BC05SW/BC05SD	URS	29-Sep-99	Manganese, dissolved	10.5	10.5	J
SW-7	SMI	18-Feb-99	Manganese, dissolved	13	13	
SW-7	SMI	21-Apr-99	Manganese, dissolved	40	40	
SW-5	SMI	21-Apr-99	Manganese, dissolved	51.7	51.7	
SW-7	SMI	14-Jun-99	Manganese, dissolved	57	57	
BC05SW/BC05SD	URS	4-Apr-00	Manganese, dissolved	58	58	
SW-7	SMI	12-Mar-99	Manganese, dissolved	68.5	68.5	
SW-7	SMI	16-May-99	Manganese, dissolved	69	69	
SW-5	SMI	16-May-99	Manganese, dissolved	106	106	
SW-5	SMI	14-Jun-99	Manganese, dissolved	161	161	
BC09SW/BC09SD	URS	5-Apr-00	Manganese, dissolved	207	207	
SW-5	SMI	12-Mar-99	Manganese, dissolved	232	232	
BC09SW/BC09SD	URS	29-Sep-99	Manganese, dissolved	273	273	
SW-5	SMI	15-Oct-98	Manganese, dissolved	353	353	
SW-5	SMI	18-Feb-99	Manganese, dissolved	482	482	
SW-5	SMI	13-Jan-99	Manganese, dissolved	541	541	
SW-5	SMI	12-Nov-98	Manganese, dissolved	555	555	
SW-5	SMI	9-Dec-98	Manganese, dissolved	1070	1070	
SW-7	SMI	9-Dec-98	Manganese, dissolved	3	ND	U
SW-5	SMI	15-Oct-98	Mercury, dissolved	0.2	ND	U
SW-5	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
SW-5	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-5	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-5	SMI	18-Feb-99	Mercury, dissolved	0.2	ND	U
SW-5	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-5	SMI	21-Apr-99	Mercury, dissolved	0.2	ND	U
SW-5	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-5	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	15-Oct-98	Mercury, dissolved	0.2	ND	U
SW-7	SMI	11-Nov-98	Mercury, dissolved	0.2	ND	U
SW-7	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-7	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-7	SMI	18-Feb-99	Mercury, dissolved	0.2	ND	U
SW-7	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-7	SMI	21-Apr-99	Mercury, dissolved	0.2	ND	U
SW-7	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-7	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Mercury, dissolved	0.1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Mercury, dissolved	0.1	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Mercury, dissolved	0.1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Mercury, dissolved	0.1	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Nickel, dissolved	3.3	3.3	J
BC09SW/BC09SD	URS	29-Sep-99	Nickel, dissolved	4	4	J
BC09SW/BC09SD	URS	5-Apr-00	Nickel, dissolved	7.3	7.3	J
SW-5	SMI	13-Jan-99	Nickel, dissolved	10	10	J
SW-5	SMI	12-Mar-99	Nickel, dissolved	10	10	J
SW-7	SMI	11-Nov-98	Nickel, dissolved	10	10	J
SW-5	SMI	12-Nov-98	Nickel, dissolved	20	20	J
SW-5	SMI	18-Feb-99	Nickel, dissolved	20	20	J
SW-5	SMI	9-Dec-98	Nickel, dissolved	30	30	J
SW-5	SMI	21-Apr-99	Nickel, dissolved	10	ND	U
SW-5	SMI	16-May-99	Nickel, dissolved	10	ND	U
SW-5	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-7	SMI	9-Dec-98	Nickel, dissolved	10	ND	U
SW-7	SMI	13-Jan-99	Nickel, dissolved	10	ND	U
SW-7	SMI	18-Feb-99	Nickel, dissolved	10	ND	U
SW-7	SMI	12-Mar-99	Nickel, dissolved	10	ND	U
SW-7	SMI	21-Apr-99	Nickel, dissolved	10	ND	U
SW-7	SMI	16-May-99	Nickel, dissolved	10	ND	U
SW-7	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-5	SMI	15-Oct-98	Nickel, dissolved	20	ND	U
SW-7	SMI	15-Oct-98	Nickel, dissolved	20	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Nickel, dissolved	4.3	ND	U
SW-5	SMI	12-Nov-98	Silver, dissolved	20	20	J
SW-5	SMI	9-Dec-98	Silver, dissolved	5	ND	U
SW-5	SMI	13-Jan-99	Silver, dissolved	5	ND	U
SW-5	SMI	18-Feb-99	Silver, dissolved	5	ND	U
SW-5	SMI	12-Mar-99	Silver, dissolved	5	ND	U
SW-5	SMI	21-Apr-99	Silver, dissolved	5	ND	U
SW-5	SMI	16-May-99	Silver, dissolved	5	ND	U
SW-5	SMI	14-Jun-99	Silver, dissolved	5	ND	U
SW-7	SMI	9-Dec-98	Silver, dissolved	5	ND	U
SW-7	SMI	13-Jan-99	Silver, dissolved	5	ND	U
SW-7	SMI	18-Feb-99	Silver, dissolved	5	ND	U
SW-7	SMI	12-Mar-99	Silver, dissolved	5	ND	U
SW-7	SMI	21-Apr-99	Silver, dissolved	5	ND	U
SW-7	SMI	16-May-99	Silver, dissolved	5	ND	U
SW-7	SMI	14-Jun-99	Silver, dissolved	5	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-5	SMI	15-Oct-98	Silver, dissolved	10	ND	U
SW-7	SMI	15-Oct-98	Silver, dissolved	10	ND	U
SW-7	SMI	11-Nov-98	Silver, dissolved	10	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Silver, dissolved	0.7	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Silver, dissolved	0.7	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Silver, dissolved	0.8	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Silver, dissolved	0.85	ND	U
SW-5	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
SW-5	SMI	14-Jun-99	Thallium, dissolved	0.1	ND	U
SW-7	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
SW-7	SMI	14-Jun-99	Thallium, dissolved	0.1	ND	U
SW-5	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-5	SMI	21-Apr-99	Thallium, dissolved	0.2	ND	U
SW-5	SMI	16-May-99	Thallium, dissolved	0.2	ND	U
SW-7	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-5	SMI	15-Oct-98	Thallium, dissolved	0.5	ND	U
SW-5	SMI	12-Nov-98	Thallium, dissolved	0.5	ND	U
SW-5	SMI	9-Dec-98	Thallium, dissolved	0.5	ND	U
SW-5	SMI	18-Feb-99	Thallium, dissolved	0.5	ND	U
SW-7	SMI	15-Oct-98	Thallium, dissolved	0.5	ND	U
SW-7	SMI	11-Nov-98	Thallium, dissolved	0.5	ND	U
SW-7	SMI	9-Dec-98	Thallium, dissolved	0.5	ND	U
SW-7	SMI	18-Feb-99	Thallium, dissolved	0.5	ND	U
SW-7	SMI	21-Apr-99	Thallium, dissolved	0.5	ND	U
SW-7	SMI	16-May-99	Thallium, dissolved	0.5	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Thallium, dissolved	1.1	ND	UJ
BC09SW/BC09SD	URS	29-Sep-99	Thallium, dissolved	1.1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Thallium, dissolved	1.2	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Thallium, dissolved	1.2	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Vanadium, dissolved	2.9	2.9	J
BC05SW/BC05SD	URS	4-Apr-00	Vanadium, dissolved	4.2	4.2	J
BC05SW/BC05SD	URS	29-Sep-99	Vanadium, dissolved	0.5	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Vanadium, dissolved	0.5	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Zinc, dissolved	7.2	7.2	J
BC09SW/BC09SD	URS	5-Apr-00	Zinc, dissolved	8	8	J
SW-5	SMI	16-May-99	Zinc, dissolved	13	13	J
SW-5	SMI	12-Mar-99	Zinc, dissolved	16	16	
SW-7	SMI	14-Jun-99	Zinc, dissolved	16	16	J
SW-7	SMI	12-Mar-99	Zinc, dissolved	19	19	
SW-5	SMI	9-Dec-98	Zinc, dissolved	20	20	J
SW-5	SMI	18-Feb-99	Zinc, dissolved	20	20	J
SW-5	SMI	14-Jun-99	Zinc, dissolved	20	20	
SW-7	SMI	16-May-99	Zinc, dissolved	20	20	J
SW-5	SMI	15-Oct-98	Zinc, dissolved	30	30	J
SW-7	SMI	15-Oct-98	Zinc, dissolved	30	30	J
SW-7	SMI	11-Nov-98	Zinc, dissolved	30	30	J
SW-5	SMI	21-Apr-99	Zinc, dissolved	33	33	J
SW-5	SMI	13-Jan-99	Zinc, dissolved	36	36	J
SW-5	SMI	12-Nov-98	Zinc, dissolved	40	40	J
SW-7	SMI	21-Apr-99	Zinc, dissolved	40	40	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	9-Dec-98	Zinc, dissolved	10	ND	U
SW-7	SMI	18-Feb-99	Zinc, dissolved	10	ND	U
SW-7	SMI	13-Jan-99	Zinc, dissolved	12	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Zinc, dissolved	3	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Zinc, dissolved	5.2	ND	U
Northeastern Drainage						
SDNE-01/SWNE-01	URS	7-Apr-00	Antimony, dissolved	2.9	2.9	J
SDNE-01/SWNE-01	URS	7-Apr-00	Arsenic, dissolved	1.6	1.6	
SDNE-01/SWNE-01	URS	7-Apr-00	Barium, dissolved	10.8	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Beryllium, dissolved	0.22	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Cadmium, dissolved	0.5	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Chromium, dissolved	1.1	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Cobalt, dissolved	5.1	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Copper, dissolved	2.1	2.1	J
SDNE-01/SWNE-01	URS	7-Apr-00	Lead, dissolved	1.2	1.2	J
SDNE-01/SWNE-01	URS	7-Apr-00	Magnesium, dissolved	2100	2100	
SDNE-01/SWNE-01	URS	7-Apr-00	Manganese, dissolved	197	197	
SDNE-01/SWNE-01	URS	7-Apr-00	Mercury, dissolved	0.1	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Nickel, dissolved	3.7	ND	UJ
SDNE-01/SWNE-01	URS	7-Apr-00	Silver, dissolved	0.8	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Thallium, dissolved	1.2	ND	UJ
SDNE-01/SWNE-01	URS	7-Apr-00	Vanadium, dissolved	2	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Zinc, dissolved	4.6	4.6	J
Outfall						
OF01SW/OF01SD	URS	7-Apr-00	Antimony, dissolved	4.5	4.5	
OF01SW/OF01SD	URS	27-Sep-99	Antimony, dissolved	2.2	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Arsenic, dissolved	0.2	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Arsenic, dissolved	0.32	ND	UJ
OF01SW/OF01SD	URS	27-Sep-99	Barium, dissolved	55.5	55.5	J
OF01SW/OF01SD	URS	7-Apr-00	Barium, dissolved	64.3	64.3	J
OF01SW/OF01SD	URS	7-Apr-00	Beryllium, dissolved	0.1	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Beryllium, dissolved	0.24	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Cadmium, dissolved	0.2	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Cadmium, dissolved	0.5	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Chromium, dissolved	0.89	0.89	J
OF01SW/OF01SD	URS	7-Apr-00	Chromium, dissolved	1.9	1.9	J
OF01SW/OF01SD	URS	27-Sep-99	Cobalt, dissolved	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Cobalt, dissolved	1.4	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Copper, dissolved	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Copper, dissolved	0.9	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Lead, dissolved	1	ND	UJ
OF01SW/OF01SD	URS	7-Apr-00	Lead, dissolved	4.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Magnesium, dissolved	90700	90700	
OF01SW/OF01SD	URS	27-Sep-99	Magnesium, dissolved	100000	100000	
OF01SW/OF01SD	URS	7-Apr-00	Manganese, dissolved	153	153	
OF01SW/OF01SD	URS	27-Sep-99	Manganese, dissolved	253	253	
OF01SW/OF01SD	URS	27-Sep-99	Mercury, dissolved	0.1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Mercury, dissolved	0.1	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Nickel, dissolved	3.4	3.4	J
OF01SW/OF01SD	URS	7-Apr-00	Nickel, dissolved	2.7	ND	UJ

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
OF01SW/OF01SD	URS	27-Sep-99	Silver, dissolved	0.7	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Silver, dissolved	0.8	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Thallium, dissolved	1.1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Thallium, dissolved	1.2	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Vanadium, dissolved	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Vanadium, dissolved	1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Zinc, dissolved	0.4	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Zinc, dissolved	9.3	ND	U
Pollution Control Pond						
SW-20	SMI	8-Dec-99	Antimony, dissolved	5	ND	U
SW-20	SMI	8-Jan-00	Arsenic, dissolved	2	2	J
SW-20	SMI	16-Jun-99	Arsenic, dissolved	3	3	J
SW-20	SMI	8-Jan-00	Arsenic, dissolved	3	3	J
SW-20	SMI	17-Feb-99	Arsenic, dissolved	4	4	J
SW-20	SMI	7-Aug-99	Arsenic, dissolved	4	4	J
SW-20	SMI	12-Jan-99	Arsenic, dissolved	7	7	J
SW-20	SMI	3-Feb-00	Arsenic, dissolved	7	7	J
SW-20	SMI	3-Feb-00	Arsenic, dissolved	7	7	J
SW-20	SMI	8-Dec-98	Arsenic, dissolved	8	8	J
SW-20	SMI	11-Mar-99	Arsenic, dissolved	5	ND	U
SW-20	SMI	19-Apr-99	Arsenic, dissolved	5	ND	U
SW-20	SMI	10-Nov-98	Arsenic, dissolved	10	ND	U
SW-20	SMI	18-May-99	Arsenic, dissolved	10	ND	U
SW-20	SMI	10-Nov-98	Arsenic, dissolved	10	ND	U
SW-20	SMI	14-Oct-98	Arsenic, dissolved	20	ND	U
SW-20	SMI	8-Dec-99	Arsenic, dissolved	30	ND	U
SW-20	SMI	14-Oct-98	Barium, dissolved	7	7	J
SW-20	SMI	8-Jan-00	Barium, dissolved	8.3	8.3	
SW-20	SMI	8-Dec-98	Barium, dissolved	9	9	J
SW-20	SMI	12-Jan-99	Barium, dissolved	9	9	J
SW-20	SMI	18-May-99	Barium, dissolved	9	9	J
SW-20	SMI	10-Nov-98	Barium, dissolved	9	9	J
SW-20	SMI	8-Jan-00	Barium, dissolved	9.1	9.1	
SW-20	SMI	3-Feb-00	Barium, dissolved	9.6	9.6	J
SW-20	SMI	7-Aug-99	Barium, dissolved	9.7	9.7	
SW-20	SMI	16-Jun-99	Barium, dissolved	10.1	10.1	
SW-20	SMI	10-Nov-98	Barium, dissolved	11	11	
SW-20	SMI	11-Mar-99	Barium, dissolved	11	11	
SW-20	SMI	19-Apr-99	Barium, dissolved	11	11	J
SW-20	SMI	8-Dec-99	Barium, dissolved	11	11	J
SW-20	SMI	3-Feb-00	Barium, dissolved	11	11	J
SW-20	SMI	17-Feb-99	Barium, dissolved	200	ND	U
SW-20	SMI	3-Feb-00	Beryllium, dissolved	16	16	
SW-20	SMI	3-Feb-00	Beryllium, dissolved	16	16	
SW-20	SMI	8-Jan-00	Beryllium, dissolved	18	18	J
SW-20	SMI	8-Jan-00	Beryllium, dissolved	18	18	J
SW-20	SMI	10-Nov-98	Beryllium, dissolved	37	37	
SW-20	SMI	10-Nov-98	Beryllium, dissolved	39	39	
SW-20	SMI	12-Jan-99	Beryllium, dissolved	40	40	J
SW-20	SMI	17-Feb-99	Beryllium, dissolved	40	40	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	11-Mar-99	Beryllium, dissolved	40	40	J
SW-20	SMI	19-Apr-99	Beryllium, dissolved	40	40	J
SW-20	SMI	18-May-99	Beryllium, dissolved	40	40	J
SW-20	SMI	7-Aug-99	Beryllium, dissolved	40	40	J
SW-20	SMI	8-Dec-99	Beryllium, dissolved	40	40	J
SW-20	SMI	8-Dec-98	Beryllium, dissolved	43	43	
SW-20	SMI	16-Jun-99	Beryllium, dissolved	43	43	
SW-20	SMI	14-Oct-98	Beryllium, dissolved	60	60	
SW-20	SMI	8-Jan-00	Cadmium, dissolved	27.6	27.6	
SW-20	SMI	8-Jan-00	Cadmium, dissolved	29.1	29.1	J
SW-20	SMI	3-Feb-00	Cadmium, dissolved	33.1	33.1	J
SW-20	SMI	3-Feb-00	Cadmium, dissolved	35	35	J
SW-20	SMI	7-Aug-99	Cadmium, dissolved	41.7	41.7	
SW-20	SMI	19-Apr-99	Cadmium, dissolved	43	43	
SW-20	SMI	18-May-99	Cadmium, dissolved	43	43	J
SW-20	SMI	17-Feb-99	Cadmium, dissolved	44.3	44.3	
SW-20	SMI	11-Mar-99	Cadmium, dissolved	47	47	
SW-20	SMI	10-Nov-98	Cadmium, dissolved	48	48	
SW-20	SMI	16-Jun-99	Cadmium, dissolved	49.5	49.5	
SW-20	SMI	8-Dec-98	Cadmium, dissolved	50	50	J
SW-20	SMI	12-Jan-99	Cadmium, dissolved	50	50	
SW-20	SMI	10-Nov-98	Cadmium, dissolved	50	50	
SW-20	SMI	8-Dec-99	Cadmium, dissolved	68	68	
SW-20	SMI	14-Oct-98	Cadmium, dissolved	69	69	
SW-20	SMI	8-Jan-00	Chromium, dissolved	0.5	0.5	J
SW-20	SMI	8-Jan-00	Chromium, dissolved	0.8	0.8	J
SW-20	SMI	7-Aug-99	Chromium, dissolved	0.9	0.9	J
SW-20	SMI	10-Nov-98	Chromium, dissolved	2	2	J
SW-20	SMI	8-Dec-98	Chromium, dissolved	2	2	J
SW-20	SMI	12-Jan-99	Chromium, dissolved	2	2	J
SW-20	SMI	11-Mar-99	Chromium, dissolved	2	2	J
SW-20	SMI	17-Feb-99	Chromium, dissolved	2.3	2.3	
SW-20	SMI	18-May-99	Chromium, dissolved	3	3	J
SW-20	SMI	14-Oct-98	Chromium, dissolved	7	7	J
SW-20	SMI	3-Feb-00	Chromium, dissolved	1	ND	U
SW-20	SMI	3-Feb-00	Chromium, dissolved	1	ND	U
SW-20	SMI	10-Nov-98	Chromium, dissolved	2	ND	U
SW-20	SMI	8-Dec-99	Chromium, dissolved	5	ND	U
SW-20	SMI	19-Apr-99	Chromium, dissolved	40	ND	U
SW-20	SMI	16-Jun-99	Chromium, dissolved	100	ND	U
SW-20	SMI	8-Dec-99	Cobalt, dissolved	1240	1240	J
SW-20	SMI	8-Jan-00	Copper, dissolved	95	95	J
SW-20	SMI	8-Jan-00	Copper, dissolved	124	124	J
SW-20	SMI	7-Aug-99	Copper, dissolved	234	234	
SW-20	SMI	8-Dec-98	Copper, dissolved	243	243	
SW-20	SMI	12-Jan-99	Copper, dissolved	253	253	
SW-20	SMI	10-Nov-98	Copper, dissolved	260	260	
SW-20	SMI	18-May-99	Copper, dissolved	270	270	
SW-20	SMI	8-Dec-99	Copper, dissolved	270	270	
SW-20	SMI	10-Nov-98	Copper, dissolved	270	270	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	17-Feb-99	Copper, dissolved	275	275	
SW-20	SMI	11-Mar-99	Copper, dissolved	353	353	
SW-20	SMI	19-Apr-99	Copper, dissolved	395	395	J
SW-20	SMI	14-Oct-98	Copper, dissolved	420	420	
SW-20	SMI	3-Feb-00	Copper, dissolved	3	ND	U
SW-20	SMI	3-Feb-00	Copper, dissolved	5	ND	U
SW-20	SMI	16-Jun-99	Copper, dissolved	1000	ND	U
SW-20	SMI	8-Jan-00	Lead, dissolved	0.8	0.8	J
SW-20	SMI	8-Dec-98	Lead, dissolved	1	1	J
SW-20	SMI	12-Jan-99	Lead, dissolved	1	1	J
SW-20	SMI	8-Jan-00	Lead, dissolved	1	1	J
SW-20	SMI	7-Aug-99	Lead, dissolved	1.6	1.6	J
SW-20	SMI	16-Jun-99	Lead, dissolved	1.7	1.7	J
SW-20	SMI	11-Mar-99	Lead, dissolved	2	2	J
SW-20	SMI	19-Apr-99	Lead, dissolved	2	2	J
SW-20	SMI	3-Feb-00	Lead, dissolved	2	2	J
SW-20	SMI	3-Feb-00	Lead, dissolved	1.2	ND	U
SW-20	SMI	18-May-99	Lead, dissolved	2	ND	U
SW-20	SMI	14-Oct-98	Lead, dissolved	4	ND	U
SW-20	SMI	8-Dec-99	Lead, dissolved	5	ND	U
SW-20	SMI	10-Nov-98	Lead, dissolved	200	ND	U
SW-20	SMI	17-Feb-99	Lead, dissolved	200	ND	U
SW-20	SMI	10-Nov-98	Lead, dissolved	200	ND	U
SW-20	SMI	3-Feb-00	Magnesium, dissolved	289000	289000	
SW-20	SMI	3-Feb-00	Magnesium, dissolved	296000	296000	
SW-20	SMI	8-Jan-00	Magnesium, dissolved	308000	308000	
SW-20	SMI	8-Jan-00	Magnesium, dissolved	310000	310000	
SW-20	SMI	19-Apr-99	Magnesium, dissolved	335000	335000	
SW-20	SMI	8-Dec-99	Magnesium, dissolved	343000	343000	
SW-20	SMI	11-Mar-99	Magnesium, dissolved	350000	350000	
SW-20	SMI	8-Dec-98	Magnesium, dissolved	364000	364000	
SW-20	SMI	18-May-99	Magnesium, dissolved	365000	365000	
SW-20	SMI	12-Jan-99	Magnesium, dissolved	371000	371000	
SW-20	SMI	17-Feb-99	Magnesium, dissolved	383000	383000	
SW-20	SMI	10-Nov-98	Magnesium, dissolved	390000	390000	
SW-20	SMI	7-Aug-99	Magnesium, dissolved	390000	390000	
SW-20	SMI	16-Jun-99	Magnesium, dissolved	418000	418000	
SW-20	SMI	10-Nov-98	Magnesium, dissolved	422000	422000	
SW-20	SMI	14-Oct-98	Magnesium, dissolved	469000	469000	
SW-20	SMI	3-Feb-00	Manganese, dissolved	46900	46900	
SW-20	SMI	3-Feb-00	Manganese, dissolved	47800	47800	
SW-20	SMI	8-Jan-00	Manganese, dissolved	54500	54500	J
SW-20	SMI	8-Jan-00	Manganese, dissolved	54500	54500	J
SW-20	SMI	11-Mar-99	Manganese, dissolved	88800	88800	
SW-20	SMI	19-Apr-99	Manganese, dissolved	92300	92300	
SW-20	SMI	7-Aug-99	Manganese, dissolved	92300	92300	
SW-20	SMI	17-Feb-99	Manganese, dissolved	93700	93700	
SW-20	SMI	18-May-99	Manganese, dissolved	99800	99800	J
SW-20	SMI	8-Dec-98	Manganese, dissolved	102000	102000	
SW-20	SMI	10-Nov-98	Manganese, dissolved	102000	102000	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	12-Jan-99	Manganese, dissolved	103000	103000	
SW-20	SMI	8-Dec-99	Manganese, dissolved	103000	103000	J
SW-20	SMI	10-Nov-98	Manganese, dissolved	105000	105000	
SW-20	SMI	16-Jun-99	Manganese, dissolved	111000	111000	
SW-20	SMI	14-Oct-98	Manganese, dissolved	135000	135000	
SW-20	SMI	8-Dec-99	Mercury, dissolved	0.2	0.2	J
SW-20	SMI	14-Oct-98	Mercury, dissolved	0.2	ND	U
SW-20	SMI	10-Nov-98	Mercury, dissolved	0.2	ND	U
SW-20	SMI	8-Dec-98	Mercury, dissolved	0.2	ND	U
SW-20	SMI	12-Jan-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	17-Feb-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	11-Mar-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	19-Apr-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	18-May-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	16-Jun-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	7-Aug-99	Mercury, dissolved	0.2	ND	U
SW-20	SMI	8-Jan-00	Mercury, dissolved	0.2	ND	U
SW-20	SMI	8-Jan-00	Mercury, dissolved	0.2	ND	U
SW-20	SMI	3-Feb-00	Mercury, dissolved	0.2	ND	U
SW-20	SMI	3-Feb-00	Mercury, dissolved	0.2	ND	U
SW-20	SMI	10-Nov-98	Mercury, dissolved	0.2	ND	U
SW-20	SMI	3-Feb-00	Nickel, dissolved	870	870	
SW-20	SMI	3-Feb-00	Nickel, dissolved	900	900	
SW-20	SMI	8-Jan-00	Nickel, dissolved	1060	1060	J
SW-20	SMI	8-Jan-00	Nickel, dissolved	1080	1080	J
SW-20	SMI	19-Apr-99	Nickel, dissolved	1810	1810	
SW-20	SMI	10-Nov-98	Nickel, dissolved	1840	1840	
SW-20	SMI	7-Aug-99	Nickel, dissolved	1860	1860	
SW-20	SMI	17-Feb-99	Nickel, dissolved	1880	1880	
SW-20	SMI	11-Mar-99	Nickel, dissolved	1930	1930	
SW-20	SMI	12-Jan-99	Nickel, dissolved	1960	1960	
SW-20	SMI	10-Nov-98	Nickel, dissolved	1970	1970	
SW-20	SMI	18-May-99	Nickel, dissolved	1980	1980	J
SW-20	SMI	8-Dec-98	Nickel, dissolved	2000	2000	
SW-20	SMI	8-Dec-99	Nickel, dissolved	2000	2000	J
SW-20	SMI	16-Jun-99	Nickel, dissolved	2170	2170	
SW-20	SMI	14-Oct-98	Nickel, dissolved	2690	2690	
SW-20	SMI	12-Jan-99	Silver, dissolved	30	30	J
SW-20	SMI	16-Jun-99	Silver, dissolved	5	ND	U
SW-20	SMI	8-Dec-98	Silver, dissolved	10	ND	U
SW-20	SMI	8-Jan-00	Silver, dissolved	10	ND	U
SW-20	SMI	8-Jan-00	Silver, dissolved	10	ND	U
SW-20	SMI	3-Feb-00	Silver, dissolved	10	ND	U
SW-20	SMI	3-Feb-00	Silver, dissolved	10	ND	U
SW-20	SMI	14-Oct-98	Silver, dissolved	30	ND	U
SW-20	SMI	10-Nov-98	Silver, dissolved	30	ND	U
SW-20	SMI	17-Feb-99	Silver, dissolved	30	ND	U
SW-20	SMI	11-Mar-99	Silver, dissolved	30	ND	U
SW-20	SMI	19-Apr-99	Silver, dissolved	30	ND	U
SW-20	SMI	18-May-99	Silver, dissolved	30	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	8-Dec-99	Silver, dissolved	30	ND	U
SW-20	SMI	10-Nov-98	Silver, dissolved	30	ND	U
SW-20	SMI	7-Aug-99	Silver, dissolved	10010	ND	U
SW-20	SMI	8-Jan-00	Thallium, dissolved	0.1	ND	U
SW-20	SMI	16-Jun-99	Thallium, dissolved	0.3	ND	U
SW-20	SMI	7-Aug-99	Thallium, dissolved	0.3	ND	U
SW-20	SMI	8-Jan-00	Thallium, dissolved	0.3	ND	U
SW-20	SMI	3-Feb-00	Thallium, dissolved	0.3	ND	U
SW-20	SMI	8-Dec-98	Thallium, dissolved	0.5	ND	U
SW-20	SMI	12-Jan-99	Thallium, dissolved	0.5	ND	U
SW-20	SMI	11-Mar-99	Thallium, dissolved	0.5	ND	U
SW-20	SMI	19-Apr-99	Thallium, dissolved	0.5	ND	U
SW-20	SMI	3-Feb-00	Thallium, dissolved	0.5	ND	U
SW-20	SMI	10-Nov-98	Thallium, dissolved	1	ND	U
SW-20	SMI	18-May-99	Thallium, dissolved	1	ND	U
SW-20	SMI	10-Nov-98	Thallium, dissolved	1	ND	U
SW-20	SMI	14-Oct-98	Thallium, dissolved	2	ND	U
SW-20	SMI	8-Dec-99	Thallium, dissolved	3	ND	U
SW-20	SMI	17-Feb-99	Thallium, dissolved	100	ND	U
SW-20	SMI	8-Dec-99	Vanadium, dissolved	30	ND	U
SW-20	SMI	8-Jan-00	Zinc, dissolved	920	920	J
SW-20	SMI	3-Feb-00	Zinc, dissolved	1830	1830	
SW-20	SMI	3-Feb-00	Zinc, dissolved	1830	1830	
SW-20	SMI	8-Jan-00	Zinc, dissolved	2110	2110	J
SW-20	SMI	7-Aug-99	Zinc, dissolved	3720	3720	
SW-20	SMI	19-Apr-99	Zinc, dissolved	3800	3800	
SW-20	SMI	18-May-99	Zinc, dissolved	3800	3800	
SW-20	SMI	10-Nov-98	Zinc, dissolved	4000	4000	J
SW-20	SMI	8-Dec-98	Zinc, dissolved	4000	4000	J
SW-20	SMI	10-Nov-98	Zinc, dissolved	4000	4000	J
SW-20	SMI	8-Dec-99	Zinc, dissolved	4270	4270	J
SW-20	SMI	11-Mar-99	Zinc, dissolved	4300	4300	
SW-20	SMI	12-Jan-99	Zinc, dissolved	4600	4600	
SW-20	SMI	17-Feb-99	Zinc, dissolved	5000	5000	J
SW-20	SMI	16-Jun-99	Zinc, dissolved	5000	5000	J
SW-20	SMI	14-Oct-98	Zinc, dissolved	5930	5930	
Pit 3						
SW-39	SMI	12-Dec-99	Antimony, dissolved	50	ND	U
SW-39	SMI	12-Dec-99	Arsenic, dissolved	6	6	
SW-39	SMI	15-Nov-98	Arsenic, dissolved	8	8	J
SW-39	SMI	10-Dec-98	Arsenic, dissolved	8	8	J
SW-39	SMI	4-Feb-00	Arsenic, dissolved	20	20	
SW-39	SMI	15-Jun-99	Arsenic, dissolved	3	ND	U
SW-39	SMI	17-May-99	Arsenic, dissolved	5	ND	U
SW-39	SMI	21-Apr-99	Arsenic, dissolved	10	ND	U
SW-39	SMI	14-Oct-98	Arsenic, dissolved	20	ND	U
SW-39	SMI	14-Oct-98	Arsenic, dissolved	20	ND	U
SW-39	SMI	21-Apr-99	Barium, dissolved	8	8	J
SW-39	SMI	17-May-99	Barium, dissolved	10	10	J
SW-39	SMI	15-Jun-99	Barium, dissolved	10.6	10.6	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	4-Feb-00	Barium, dissolved	11.4	11.4	
SW-39	SMI	14-Oct-98	Barium, dissolved	12	12	J
SW-39	SMI	15-Nov-98	Barium, dissolved	12	12	
SW-39	SMI	10-Dec-98	Barium, dissolved	12	12	
SW-39	SMI	14-Oct-98	Barium, dissolved	12	12	J
SW-39	SMI	12-Dec-99	Barium, dissolved	14.4	14.4	J
SW-39	SMI	17-May-99	Beryllium, dissolved	28	28	
SW-39	SMI	21-Apr-99	Beryllium, dissolved	29	29	J
SW-39	SMI	12-Dec-99	Beryllium, dissolved	29	29	
SW-39	SMI	15-Nov-98	Beryllium, dissolved	30	30	J
SW-39	SMI	15-Jun-99	Beryllium, dissolved	30	30	
SW-39	SMI	14-Oct-98	Beryllium, dissolved	40	40	J
SW-39	SMI	10-Dec-98	Beryllium, dissolved	40	40	J
SW-39	SMI	14-Oct-98	Beryllium, dissolved	40	40	J
SW-39	SMI	4-Feb-00	Beryllium, dissolved	50	50	
SW-39	SMI	21-Apr-99	Cadmium, dissolved	28	28	
SW-39	SMI	17-May-99	Cadmium, dissolved	34	34	
SW-39	SMI	15-Jun-99	Cadmium, dissolved	38.5	38.5	J
SW-39	SMI	10-Dec-98	Cadmium, dissolved	46	46	J
SW-39	SMI	14-Oct-98	Cadmium, dissolved	47	47	
SW-39	SMI	14-Oct-98	Cadmium, dissolved	48	48	
SW-39	SMI	15-Nov-98	Cadmium, dissolved	48	48	J
SW-39	SMI	12-Dec-99	Cadmium, dissolved	53.6	53.6	
SW-39	SMI	4-Feb-00	Cadmium, dissolved	97.8	97.8	J
SW-39	SMI	12-Dec-99	Chromium, dissolved	0.9	0.9	J
SW-39	SMI	4-Feb-00	Chromium, dissolved	1.6	1.6	J
SW-39	SMI	15-Nov-98	Chromium, dissolved	2	2	J
SW-39	SMI	17-May-99	Chromium, dissolved	2	2	J
SW-39	SMI	14-Oct-98	Chromium, dissolved	5	5	J
SW-39	SMI	10-Dec-98	Chromium, dissolved	1	ND	U
SW-39	SMI	14-Oct-98	Chromium, dissolved	4	ND	U
SW-39	SMI	21-Apr-99	Chromium, dissolved	20	ND	U
SW-39	SMI	15-Jun-99	Chromium, dissolved	100	ND	U
SW-39	SMI	12-Dec-99	Cobalt, dissolved	930	930	
SW-39	SMI	4-Feb-00	Copper, dissolved	49	49	
SW-39	SMI	12-Dec-99	Copper, dissolved	152	152	
SW-39	SMI	17-May-99	Copper, dissolved	204	204	
SW-39	SMI	10-Dec-98	Copper, dissolved	217	217	
SW-39	SMI	21-Apr-99	Copper, dissolved	250	250	J
SW-39	SMI	15-Jun-99	Copper, dissolved	268	268	J
SW-39	SMI	14-Oct-98	Copper, dissolved	280	280	
SW-39	SMI	14-Oct-98	Copper, dissolved	290	290	
SW-39	SMI	15-Nov-98	Copper, dissolved	302	302	
SW-39	SMI	17-May-99	Lead, dissolved	2	2	J
SW-39	SMI	15-Jun-99	Lead, dissolved	3.6	3.6	
SW-39	SMI	12-Dec-99	Lead, dissolved	4.9	4.9	
SW-39	SMI	15-Nov-98	Lead, dissolved	6	6	J
SW-39	SMI	10-Dec-98	Lead, dissolved	6	6	J
SW-39	SMI	4-Feb-00	Lead, dissolved	6.4	6.4	
SW-39	SMI	21-Apr-99	Lead, dissolved	2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	14-Oct-98	Lead, dissolved	4	ND	U
SW-39	SMI	14-Oct-98	Lead, dissolved	4	ND	U
SW-39	SMI	17-May-99	Magnesium, dissolved	252000	252000	
SW-39	SMI	21-Apr-99	Magnesium, dissolved	253000	253000	
SW-39	SMI	15-Jun-99	Magnesium, dissolved	264000	264000	
SW-39	SMI	12-Dec-99	Magnesium, dissolved	277000	277000	
SW-39	SMI	14-Oct-98	Magnesium, dissolved	295000	295000	
SW-39	SMI	15-Nov-98	Magnesium, dissolved	295000	295000	
SW-39	SMI	14-Oct-98	Magnesium, dissolved	296000	296000	
SW-39	SMI	10-Dec-98	Magnesium, dissolved	301000	301000	
SW-39	SMI	4-Feb-00	Magnesium, dissolved	304000	304000	
SW-39	SMI	21-Apr-99	Manganese, dissolved	65800	65800	
SW-39	SMI	17-May-99	Manganese, dissolved	72900	72900	
SW-39	SMI	15-Jun-99	Manganese, dissolved	82700	82700	
SW-39	SMI	12-Dec-99	Manganese, dissolved	86900	86900	
SW-39	SMI	14-Oct-98	Manganese, dissolved	92700	92700	
SW-39	SMI	14-Oct-98	Manganese, dissolved	94000	94000	
SW-39	SMI	10-Dec-98	Manganese, dissolved	103000	103000	J
SW-39	SMI	15-Nov-98	Manganese, dissolved	104000	104000	
SW-39	SMI	4-Feb-00	Manganese, dissolved	123000	123000	
SW-39	SMI	14-Oct-98	Mercury, dissolved	0.2	ND	U
SW-39	SMI	15-Nov-98	Mercury, dissolved	0.2	ND	U
SW-39	SMI	10-Dec-98	Mercury, dissolved	0.2	ND	U
SW-39	SMI	21-Apr-99	Mercury, dissolved	0.2	ND	U
SW-39	SMI	17-May-99	Mercury, dissolved	0.2	ND	U
SW-39	SMI	15-Jun-99	Mercury, dissolved	0.2	ND	U
SW-39	SMI	12-Dec-99	Mercury, dissolved	0.2	ND	U
SW-39	SMI	4-Feb-00	Mercury, dissolved	0.2	ND	U
SW-39	SMI	14-Oct-98	Mercury, dissolved	0.2	ND	U
SW-39	SMI	21-Apr-99	Nickel, dissolved	1300	1300	J
SW-39	SMI	17-May-99	Nickel, dissolved	1340	1340	
SW-39	SMI	15-Jun-99	Nickel, dissolved	1390	1390	
SW-39	SMI	12-Dec-99	Nickel, dissolved	1500	1500	
SW-39	SMI	14-Oct-98	Nickel, dissolved	1680	1680	
SW-39	SMI	14-Oct-98	Nickel, dissolved	1730	1730	
SW-39	SMI	15-Nov-98	Nickel, dissolved	1760	1760	
SW-39	SMI	10-Dec-98	Nickel, dissolved	1810	1810	
SW-39	SMI	4-Feb-00	Nickel, dissolved	2480	2480	
SW-39	SMI	15-Jun-99	Silver, dissolved	5	ND	U
SW-39	SMI	21-Apr-99	Silver, dissolved	10	ND	U
SW-39	SMI	17-May-99	Silver, dissolved	10	ND	U
SW-39	SMI	14-Oct-98	Silver, dissolved	30	ND	U
SW-39	SMI	15-Nov-98	Silver, dissolved	30	ND	U
SW-39	SMI	10-Dec-98	Silver, dissolved	30	ND	U
SW-39	SMI	12-Dec-99	Silver, dissolved	30	ND	U
SW-39	SMI	4-Feb-00	Silver, dissolved	30	ND	U
SW-39	SMI	14-Oct-98	Silver, dissolved	30	ND	U
SW-39	SMI	12-Dec-99	Thallium, dissolved	0.2	0.2	J
SW-39	SMI	4-Feb-00	Thallium, dissolved	0.4	0.4	J
SW-39	SMI	15-Jun-99	Thallium, dissolved	0.3	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	15-Nov-98	Thallium, dissolved	0.5	ND	U
SW-39	SMI	10-Dec-98	Thallium, dissolved	0.5	ND	U
SW-39	SMI	17-May-99	Thallium, dissolved	0.5	ND	U
SW-39	SMI	21-Apr-99	Thallium, dissolved	1	ND	U
SW-39	SMI	14-Oct-98	Thallium, dissolved	2	ND	U
SW-39	SMI	14-Oct-98	Thallium, dissolved	2	ND	U
SW-39	SMI	12-Dec-99	Vanadium, dissolved	30	ND	U
SW-39	SMI	21-Apr-99	Zinc, dissolved	2700	2700	
SW-39	SMI	17-May-99	Zinc, dissolved	3100	3100	
SW-39	SMI	15-Jun-99	Zinc, dissolved	3300	3300	
SW-39	SMI	12-Dec-99	Zinc, dissolved	3360	3360	
SW-39	SMI	14-Oct-98	Zinc, dissolved	3830	3830	
SW-39	SMI	14-Oct-98	Zinc, dissolved	3880	3880	
SW-39	SMI	15-Nov-98	Zinc, dissolved	4000	4000	J
SW-39	SMI	10-Dec-98	Zinc, dissolved	4000	4000	J
SW-39	SMI	4-Feb-00	Zinc, dissolved	5590	5590	
Pit 4						
SW-40	SMI	17-May-99	Arsenic, dissolved	1	ND	U
SW-40	SMI	15-Nov-98	Arsenic, dissolved	2	ND	U
SW-40	SMI	10-Dec-98	Arsenic, dissolved	2	ND	U
SW-40	SMI	14-Jan-99	Arsenic, dissolved	2	ND	U
SW-40	SMI	20-Feb-99	Arsenic, dissolved	2	ND	U
SW-40	SMI	21-Apr-99	Arsenic, dissolved	2	ND	U
SW-40	SMI	15-Jun-99	Arsenic, dissolved	3	ND	U
SW-40	SMI	14-Oct-98	Arsenic, dissolved	5	ND	U
SW-40	SMI	21-Apr-99	Barium, dissolved	4.4	4.4	
SW-40	SMI	17-May-99	Barium, dissolved	4.8	4.8	
SW-40	SMI	15-Jun-99	Barium, dissolved	4.9	4.9	J
SW-40	SMI	14-Oct-98	Barium, dissolved	5	5	
SW-40	SMI	15-Nov-98	Barium, dissolved	5.2	5.2	
SW-40	SMI	10-Dec-98	Barium, dissolved	5.3	5.3	
SW-40	SMI	14-Jan-99	Barium, dissolved	5.8	5.8	
SW-40	SMI	20-Feb-99	Barium, dissolved	6.6	6.6	
SW-40	SMI	14-Oct-98	Beryllium, dissolved	2	ND	U
SW-40	SMI	15-Nov-98	Beryllium, dissolved	2	ND	U
SW-40	SMI	10-Dec-98	Beryllium, dissolved	2	ND	U
SW-40	SMI	14-Jan-99	Beryllium, dissolved	2	ND	U
SW-40	SMI	20-Feb-99	Beryllium, dissolved	2	ND	U
SW-40	SMI	21-Apr-99	Beryllium, dissolved	2	ND	U
SW-40	SMI	17-May-99	Beryllium, dissolved	2	ND	U
SW-40	SMI	15-Jun-99	Beryllium, dissolved	2	ND	U
SW-40	SMI	17-May-99	Cadmium, dissolved	0.3	0.3	J
SW-40	SMI	15-Nov-98	Cadmium, dissolved	0.4	ND	U
SW-40	SMI	10-Dec-98	Cadmium, dissolved	0.4	ND	U
SW-40	SMI	14-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-40	SMI	20-Feb-99	Cadmium, dissolved	0.4	ND	U
SW-40	SMI	21-Apr-99	Cadmium, dissolved	0.4	ND	U
SW-40	SMI	15-Jun-99	Cadmium, dissolved	0.5	ND	U
SW-40	SMI	14-Oct-98	Cadmium, dissolved	1	ND	U
SW-40	SMI	15-Jun-99	Chromium, dissolved	0.1	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	SMI	17-May-99	Chromium, dissolved	0.3	ND	U
SW-40	SMI	10-Dec-98	Chromium, dissolved	0.4	ND	U
SW-40	SMI	14-Jan-99	Chromium, dissolved	0.4	ND	U
SW-40	SMI	20-Feb-99	Chromium, dissolved	0.4	ND	U
SW-40	SMI	15-Nov-98	Chromium, dissolved	0.7	ND	U
SW-40	SMI	14-Oct-98	Chromium, dissolved	1	ND	U
SW-40	SMI	21-Apr-99	Chromium, dissolved	4	ND	U
SW-40	SMI	10-Dec-98	Copper, dissolved	2	2	J
SW-40	SMI	20-Feb-99	Copper, dissolved	3	3	J
SW-40	SMI	21-Apr-99	Copper, dissolved	3	3	J
SW-40	SMI	14-Oct-98	Copper, dissolved	5	5	J
SW-40	SMI	15-Jun-99	Copper, dissolved	5	5	J
SW-40	SMI	15-Nov-98	Copper, dissolved	8	8	J
SW-40	SMI	17-May-99	Copper, dissolved	8	8	J
SW-40	SMI	14-Jan-99	Copper, dissolved	2	ND	U
SW-40	SMI	17-May-99	Lead, dissolved	0.2	ND	U
SW-40	SMI	15-Nov-98	Lead, dissolved	0.4	ND	U
SW-40	SMI	10-Dec-98	Lead, dissolved	0.4	ND	U
SW-40	SMI	14-Jan-99	Lead, dissolved	0.4	ND	U
SW-40	SMI	20-Feb-99	Lead, dissolved	0.4	ND	U
SW-40	SMI	21-Apr-99	Lead, dissolved	0.4	ND	U
SW-40	SMI	15-Jun-99	Lead, dissolved	0.5	ND	U
SW-40	SMI	14-Oct-98	Lead, dissolved	1	ND	U
SW-40	SMI	21-Apr-99	Magnesium, dissolved	8700	8700	
SW-40	SMI	17-May-99	Magnesium, dissolved	13500	13500	
SW-40	SMI	15-Jun-99	Magnesium, dissolved	16800	16800	
SW-40	SMI	20-Feb-99	Magnesium, dissolved	21600	21600	
SW-40	SMI	14-Jan-99	Magnesium, dissolved	24600	24600	
SW-40	SMI	14-Oct-98	Magnesium, dissolved	24900	24900	
SW-40	SMI	10-Dec-98	Magnesium, dissolved	25000	25000	
SW-40	SMI	15-Nov-98	Magnesium, dissolved	25600	25600	
SW-40	SMI	14-Oct-98	Manganese, dissolved	261	261	
SW-40	SMI	10-Dec-98	Manganese, dissolved	503	503	
SW-40	SMI	15-Nov-98	Manganese, dissolved	528	528	
SW-40	SMI	14-Jan-99	Manganese, dissolved	578	578	
SW-40	SMI	20-Feb-99	Manganese, dissolved	637	637	
SW-40	SMI	21-Apr-99	Manganese, dissolved	655	655	
SW-40	SMI	15-Jun-99	Manganese, dissolved	742	742	
SW-40	SMI	17-May-99	Manganese, dissolved	793	793	
SW-40	SMI	14-Oct-98	Mercury, dissolved	0.2	ND	U
SW-40	SMI	15-Nov-98	Mercury, dissolved	0.2	ND	U
SW-40	SMI	10-Dec-98	Mercury, dissolved	0.2	ND	U
SW-40	SMI	14-Jan-99	Mercury, dissolved	0.2	ND	U
SW-40	SMI	20-Feb-99	Mercury, dissolved	0.2	ND	U
SW-40	SMI	21-Apr-99	Mercury, dissolved	0.2	ND	U
SW-40	SMI	17-May-99	Mercury, dissolved	0.2	ND	U
SW-40	SMI	15-Jun-99	Mercury, dissolved	0.2	ND	U
SW-40	SMI	14-Jan-99	Nickel, dissolved	10	10	J
SW-40	SMI	20-Feb-99	Nickel, dissolved	20	20	J
SW-40	SMI	17-May-99	Nickel, dissolved	20	20	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	SMI	15-Jun-99	Nickel, dissolved	20	20	J
SW-40	SMI	21-Apr-99	Nickel, dissolved	30	30	J
SW-40	SMI	14-Oct-98	Nickel, dissolved	10	ND	U
SW-40	SMI	15-Nov-98	Nickel, dissolved	10	ND	U
SW-40	SMI	10-Dec-98	Nickel, dissolved	10	ND	U
SW-40	SMI	14-Oct-98	Silver, dissolved	5	ND	U
SW-40	SMI	15-Nov-98	Silver, dissolved	5	ND	U
SW-40	SMI	10-Dec-98	Silver, dissolved	5	ND	U
SW-40	SMI	14-Jan-99	Silver, dissolved	5	ND	U
SW-40	SMI	20-Feb-99	Silver, dissolved	5	ND	U
SW-40	SMI	21-Apr-99	Silver, dissolved	5	ND	U
SW-40	SMI	17-May-99	Silver, dissolved	5	ND	U
SW-40	SMI	15-Jun-99	Silver, dissolved	5	ND	U
SW-40	SMI	17-May-99	Thallium, dissolved	0.1	ND	U
SW-40	SMI	15-Nov-98	Thallium, dissolved	0.2	ND	U
SW-40	SMI	10-Dec-98	Thallium, dissolved	0.2	ND	U
SW-40	SMI	14-Jan-99	Thallium, dissolved	0.2	ND	U
SW-40	SMI	20-Feb-99	Thallium, dissolved	0.2	ND	U
SW-40	SMI	21-Apr-99	Thallium, dissolved	0.2	ND	U
SW-40	SMI	15-Jun-99	Thallium, dissolved	0.3	ND	U
SW-40	SMI	14-Oct-98	Thallium, dissolved	0.5	ND	U
SW-40	SMI	10-Dec-98	Zinc, dissolved	6	6	J
SW-40	SMI	14-Oct-98	Zinc, dissolved	10	10	J
SW-40	SMI	15-Nov-98	Zinc, dissolved	11	11	J
SW-40	SMI	20-Feb-99	Zinc, dissolved	19	19	J
SW-40	SMI	15-Jun-99	Zinc, dissolved	20	20	J
SW-40	SMI	17-May-99	Zinc, dissolved	25	25	J
SW-40	SMI	21-Apr-99	Zinc, dissolved	28	28	
SW-40	SMI	14-Jan-99	Zinc, dissolved	29	ND	UJ
Upper Blue Creek						
BC10SW/BC10SD	URS	5-Apr-00	Antimony, dissolved	6.2	6.2	
BC10SW/BC10SD	URS	30-Sep-99	Antimony, dissolved	2.2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Arsenic, dissolved	0.51	0.51	
BC10SW/BC10SD	URS	5-Apr-00	Arsenic, dissolved	1.4	1.4	
SW-4	SMI	12-Mar-99	Arsenic, dissolved	1	ND	U
SW-4	SMI	15-Oct-98	Arsenic, dissolved	2	ND	U
SW-4	SMI	12-Nov-98	Arsenic, dissolved	2	ND	U
SW-4	SMI	9-Dec-98	Arsenic, dissolved	2	ND	U
SW-4	SMI	13-Jan-99	Arsenic, dissolved	2	ND	U
SW-4	SMI	16-May-99	Arsenic, dissolved	2	ND	U
SW-4	SMI	13-Jan-99	Arsenic, dissolved	2	ND	U
SW-4	SMI	14-Jun-99	Arsenic, dissolved	3	ND	U
SW-4	SMI	18-Feb-99	Arsenic, dissolved	5	ND	U
SW-4	SMI	21-Apr-99	Arsenic, dissolved	5	ND	U
SW-4	SMI	15-Oct-98	Barium, dissolved	26	26	
BC10SW/BC10SD	URS	30-Sep-99	Barium, dissolved	27.2	27.2	J
SW-4	SMI	12-Nov-98	Barium, dissolved	27.5	27.5	
SW-4	SMI	13-Jan-99	Barium, dissolved	27.5	27.5	
SW-4	SMI	13-Jan-99	Barium, dissolved	27.9	27.9	
SW-4	SMI	9-Dec-98	Barium, dissolved	28.6	28.6	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	14-Jun-99	Barium, dissolved	30.2	30.2	
SW-4	SMI	18-Feb-99	Barium, dissolved	31	31	
SW-4	SMI	21-Apr-99	Barium, dissolved	34	34	
SW-4	SMI	16-May-99	Barium, dissolved	35	35	
SW-4	SMI	12-Mar-99	Barium, dissolved	42.2	42.2	
BC10SW/BC10SD	URS	5-Apr-00	Barium, dissolved	42.7	42.7	J
SW-4	SMI	15-Oct-98	Beryllium, dissolved	2	ND	U
SW-4	SMI	12-Nov-98	Beryllium, dissolved	2	ND	U
SW-4	SMI	9-Dec-98	Beryllium, dissolved	2	ND	U
SW-4	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	18-Feb-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	21-Apr-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	16-May-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-4	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Beryllium, dissolved	0.1	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Beryllium, dissolved	0.3	ND	U
SW-4	SMI	12-Mar-99	Cadmium, dissolved	0.2	ND	U
SW-4	SMI	15-Oct-98	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	12-Nov-98	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	9-Dec-98	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	16-May-99	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-4	SMI	14-Jun-99	Cadmium, dissolved	0.5	ND	U
SW-4	SMI	18-Feb-99	Cadmium, dissolved	1	ND	U
SW-4	SMI	21-Apr-99	Cadmium, dissolved	1	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Cadmium, dissolved	0.2	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Cadmium, dissolved	0.5	ND	U
SW-4	SMI	12-Mar-99	Chromium, dissolved	0.5	0.5	J
SW-4	SMI	14-Jun-99	Chromium, dissolved	1	1	
SW-4	SMI	16-May-99	Chromium, dissolved	2	2	
BC10SW/BC10SD	URS	5-Apr-00	Chromium, dissolved	2.9	2.9	J
SW-4	SMI	9-Dec-98	Chromium, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Chromium, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Chromium, dissolved	0.4	ND	U
SW-4	SMI	12-Nov-98	Chromium, dissolved	0.5	ND	U
SW-4	SMI	15-Oct-98	Chromium, dissolved	0.7	ND	U
SW-4	SMI	18-Feb-99	Chromium, dissolved	1	ND	U
SW-4	SMI	21-Apr-99	Chromium, dissolved	1	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Chromium, dissolved	0.4	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Cobalt, dissolved	0.5	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Cobalt, dissolved	1.2	ND	U
SW-4	SMI	12-Mar-99	Copper, dissolved	2	2	J
SW-4	SMI	15-Oct-98	Copper, dissolved	2	ND	U
SW-4	SMI	12-Nov-98	Copper, dissolved	2	ND	U
SW-4	SMI	9-Dec-98	Copper, dissolved	2	ND	U
SW-4	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-4	SMI	16-May-99	Copper, dissolved	2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-4	SMI	14-Jun-99	Copper, dissolved	3	ND	U
SW-4	SMI	18-Feb-99	Copper, dissolved	5	ND	U
SW-4	SMI	21-Apr-99	Copper, dissolved	5	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Copper, dissolved	0.5	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Copper, dissolved	3.3	ND	U
SW-4	SMI	16-May-99	Lead, dissolved	0.6	0.6	J
SW-4	SMI	12-Mar-99	Lead, dissolved	1.3	1.3	
SW-4	SMI	15-Oct-98	Lead, dissolved	0.4	ND	U
SW-4	SMI	12-Nov-98	Lead, dissolved	0.4	ND	U
SW-4	SMI	9-Dec-98	Lead, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-4	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-4	SMI	14-Jun-99	Lead, dissolved	0.5	ND	U
SW-4	SMI	18-Feb-99	Lead, dissolved	1	ND	U
SW-4	SMI	21-Apr-99	Lead, dissolved	1	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Lead, dissolved	0.9	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Lead, dissolved	1	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Magnesium, dissolved	1990	1990	
SW-4	SMI	21-Apr-99	Magnesium, dissolved	2100	2100	
SW-4	SMI	12-Mar-99	Magnesium, dissolved	2400	2400	
SW-4	SMI	16-May-99	Magnesium, dissolved	2400	2400	
BC10SW/BC10SD	URS	30-Sep-99	Magnesium, dissolved	2430	2430	J
SW-4	SMI	14-Jun-99	Magnesium, dissolved	3100	3100	
SW-4	SMI	13-Jan-99	Magnesium, dissolved	3500	3500	
SW-4	SMI	13-Jan-99	Magnesium, dissolved	3500	3500	
SW-4	SMI	18-Feb-99	Magnesium, dissolved	3700	3700	
SW-4	SMI	9-Dec-98	Magnesium, dissolved	3900	3900	
SW-4	SMI	15-Oct-98	Magnesium, dissolved	5200	5200	
SW-4	SMI	12-Nov-98	Magnesium, dissolved	6100	6100	
SW-4	SMI	13-Jan-99	Manganese, dissolved	1.5	1.5	J
SW-4	SMI	13-Jan-99	Manganese, dissolved	1.9	1.9	J
SW-4	SMI	18-Feb-99	Manganese, dissolved	3	3	J
SW-4	SMI	12-Nov-98	Manganese, dissolved	3.7	3.7	J
SW-4	SMI	15-Oct-98	Manganese, dissolved	4.3	4.3	
SW-4	SMI	9-Dec-98	Manganese, dissolved	5.3	5.3	
SW-4	SMI	12-Mar-99	Manganese, dissolved	10.4	10.4	
SW-4	SMI	14-Jun-99	Manganese, dissolved	11.9	11.9	
BC10SW/BC10SD	URS	5-Apr-00	Manganese, dissolved	20.2	20.2	
SW-4	SMI	21-Apr-99	Manganese, dissolved	3	ND	U
SW-4	SMI	16-May-99	Manganese, dissolved	7.7	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Manganese, dissolved	2.2	ND	U
SW-4	SMI	15-Oct-98	Mercury, dissolved	0.2	ND	U
SW-4	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
SW-4	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-4	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-4	SMI	18-Feb-99	Mercury, dissolved	0.2	ND	U
SW-4	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-4	SMI	21-Apr-99	Mercury, dissolved	0.2	ND	U
SW-4	SMI	16-May-99	Mercury, dissolved	0.2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U
SW-4	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Mercury, dissolved	0.1	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Mercury, dissolved	0.1	ND	U
SW-4	SMI	15-Oct-98	Nickel, dissolved	10	ND	U
SW-4	SMI	12-Nov-98	Nickel, dissolved	10	ND	U
SW-4	SMI	9-Dec-98	Nickel, dissolved	10	ND	U
SW-4	SMI	13-Jan-99	Nickel, dissolved	10	ND	U
SW-4	SMI	18-Feb-99	Nickel, dissolved	10	ND	U
SW-4	SMI	12-Mar-99	Nickel, dissolved	10	ND	U
SW-4	SMI	21-Apr-99	Nickel, dissolved	10	ND	U
SW-4	SMI	16-May-99	Nickel, dissolved	10	ND	U
SW-4	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-4	SMI	13-Jan-99	Nickel, dissolved	10	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Nickel, dissolved	0.5	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Nickel, dissolved	2.5	ND	U
SW-4	SMI	15-Oct-98	Silver, dissolved	5	ND	U
SW-4	SMI	12-Nov-98	Silver, dissolved	5	ND	U
SW-4	SMI	9-Dec-98	Silver, dissolved	5	ND	U
SW-4	SMI	13-Jan-99	Silver, dissolved	5	ND	U
SW-4	SMI	18-Feb-99	Silver, dissolved	5	ND	U
SW-4	SMI	12-Mar-99	Silver, dissolved	5	ND	U
SW-4	SMI	21-Apr-99	Silver, dissolved	5	ND	U
SW-4	SMI	16-May-99	Silver, dissolved	5	ND	U
SW-4	SMI	14-Jun-99	Silver, dissolved	5	ND	U
SW-4	SMI	13-Jan-99	Silver, dissolved	5	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Silver, dissolved	0.7	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Silver, dissolved	0.86	ND	U
SW-4	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
SW-4	SMI	15-Oct-98	Thallium, dissolved	0.2	ND	U
SW-4	SMI	12-Nov-98	Thallium, dissolved	0.2	ND	U
SW-4	SMI	9-Dec-98	Thallium, dissolved	0.2	ND	U
SW-4	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-4	SMI	16-May-99	Thallium, dissolved	0.2	ND	U
SW-4	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-4	SMI	14-Jun-99	Thallium, dissolved	0.3	ND	U
SW-4	SMI	18-Feb-99	Thallium, dissolved	0.5	ND	U
SW-4	SMI	21-Apr-99	Thallium, dissolved	0.5	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Thallium, dissolved	1.1	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Thallium, dissolved	1.2	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Vanadium, dissolved	5.1	5.1	J
BC10SW/BC10SD	URS	30-Sep-99	Vanadium, dissolved	0.79	ND	U
SW-4	SMI	9-Dec-98	Zinc, dissolved	5	5	J
SW-4	SMI	12-Mar-99	Zinc, dissolved	6	6	J
BC10SW/BC10SD	URS	5-Apr-00	Zinc, dissolved	6.5	6.5	J
SW-4	SMI	21-Apr-99	Zinc, dissolved	30	30	J
SW-4	SMI	15-Oct-98	Zinc, dissolved	4	ND	U
SW-4	SMI	12-Nov-98	Zinc, dissolved	4	ND	U
SW-4	SMI	13-Jan-99	Zinc, dissolved	4	ND	U
SW-4	SMI	16-May-99	Zinc, dissolved	4	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	13-Jan-99	Zinc, dissolved	4	ND	U
SW-4	SMI	18-Feb-99	Zinc, dissolved	10	ND	U
SW-4	SMI	14-Jun-99	Zinc, dissolved	10	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Zinc, dissolved	1.9	ND	U
Upper Eastern Drainage						
SWED-01/SDED-03	URS	6-Apr-00	Antimony, dissolved	2.8	2.8	J
ED-4A/SDED-02	URS	10-Sep-99	Antimony, dissolved	3.2	3.2	
ED-4A/SDED-02	URS	6-Apr-00	Antimony, dissolved	3.6	3.6	
ED04-SD/ED-2A	URS	25-Sep-99	Antimony, dissolved	4.1	4.1	
ED04-SD/ED-2A	URS	9-Mar-00	Antimony, dissolved	2.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Antimony, dissolved	2.2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Antimony, dissolved	2.2	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Antimony, dissolved	2.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Antimony, dissolved	2.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Antimony, dissolved	2.2	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Antimony, dissolved	2.7	ND	U
SW-02/SDED-6	URS	6-Apr-00	Antimony, dissolved	2.7	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Antimony, dissolved	2.7	ND	U
SW-02/SDED-6	URS	26-Sep-99	Arsenic, dissolved	0.85	0.85	J
ED04-SD/ED-2A	URS	25-Sep-99	Arsenic, dissolved	0.94	0.94	J
ED-4A/SDED-02	URS	10-Sep-99	Arsenic, dissolved	1	1	
SWED-01/SDED-03	URS	10-Sep-99	Arsenic, dissolved	1.2	1.2	
SWED-02/SDED-04	URS	10-Sep-99	Arsenic, dissolved	1.2	1.2	
SW-02/SDED-6	SMI	13-Jan-99	Arsenic, dissolved	2	2	J
SW-02/SDED-6	SMI	19-Feb-99	Arsenic, dissolved	2	2	J
SW-02/SDED-6	SMI	12-Mar-99	Arsenic, dissolved	2	2	J
SW-11	SMI	9-Dec-98	Arsenic, dissolved	2	2	J
SWED-02/SDED-04	URS	9-Mar-00	Arsenic, dissolved	2.5	2.5	J
SWED-02/SDED-04	URS	5-Apr-00	Arsenic, dissolved	2.6	2.6	
SWED-02/SDED-04	URS	9-Mar-00	Arsenic, dissolved	2.6	2.6	J
ED04-SD/ED-2A	URS	9-Mar-00	Arsenic, dissolved	2.7	2.7	J
ED04-SD/ED-2A	URS	6-Apr-00	Arsenic, dissolved	2.9	2.9	
SW-11	SMI	13-Jan-99	Arsenic, dissolved	3	3	J
SW-11	SMI	18-Feb-99	Arsenic, dissolved	3	3	J
SW-11	SMI	12-Mar-99	Arsenic, dissolved	3	3	J
SW-11	SMI	14-Jun-99	Arsenic, dissolved	3	3	J
ED-4A/SDED-02	URS	6-Apr-00	Arsenic, dissolved	3	3	
SW-02/SDED-6	URS	6-Apr-00	Arsenic, dissolved	3.2	3.2	
SWED-01/SDED-03	URS	6-Apr-00	Arsenic, dissolved	3.7	3.7	
SW-02/SDED-6	SMI	9-Dec-98	Arsenic, dissolved	2	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Arsenic, dissolved	5	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Arsenic, dissolved	5	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Arsenic, dissolved	5	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Arsenic, dissolved	5	ND	U
SW-11	SMI	16-Oct-98	Arsenic, dissolved	5	ND	U
SW-11	SMI	12-Nov-98	Arsenic, dissolved	5	ND	U
SW-11	SMI	20-Apr-99	Arsenic, dissolved	5	ND	U
SW-02/SDED-6	SMI	16-May-99	Arsenic, dissolved	10	ND	U
SW-02/SDED-6	SMI	16-May-99	Arsenic, dissolved	10	ND	U
SW-11	SMI	16-May-99	Arsenic, dissolved	10	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	16-Oct-98	Barium, dissolved	19	19	
SW-02/SDED-6	SMI	19-Feb-99	Barium, dissolved	23.5	23.5	
SW-02/SDED-6	SMI	13-Jan-99	Barium, dissolved	26.1	26.1	
SWED-02/SDED-04	URS	5-Apr-00	Barium, dissolved	27.1	27.1	J
SWED-02/SDED-04	URS	9-Mar-00	Barium, dissolved	28.4	28.4	J
SWED-02/SDED-04	URS	9-Mar-00	Barium, dissolved	28.6	28.6	J
SW-11	SMI	13-Jan-99	Barium, dissolved	29.2	29.2	
SW-02/SDED-6	SMI	9-Dec-98	Barium, dissolved	30.9	30.9	
SW-11	SMI	18-Feb-99	Barium, dissolved	31.8	31.8	
SW-11	SMI	9-Dec-98	Barium, dissolved	32.2	32.2	
SW-02/SDED-6	URS	6-Apr-00	Barium, dissolved	35.5	35.5	J
SW-02/SDED-6	SMI	12-Mar-99	Barium, dissolved	35.8	35.8	
SW-11	SMI	12-Mar-99	Barium, dissolved	36.4	36.4	
ED04-SD/ED-2A	URS	6-Apr-00	Barium, dissolved	37.1	37.1	J
SWED-01/SDED-03	URS	6-Apr-00	Barium, dissolved	37.5	37.5	J
ED04-SD/ED-2A	URS	9-Mar-00	Barium, dissolved	41.3	41.3	J
ED-4A/SDED-02	URS	6-Apr-00	Barium, dissolved	44.3	44.3	J
SW-11	SMI	12-Nov-98	Barium, dissolved	54	54	
ED04-SD/ED-2A	URS	25-Sep-99	Barium, dissolved	54.4	54.4	J
SW-02/SDED-6	SMI	12-Nov-98	Barium, dissolved	55	55	
SW-02/SDED-6	URS	26-Sep-99	Barium, dissolved	55.6	55.6	J
SW-02/SDED-6	SMI	16-Oct-98	Barium, dissolved	57	57	
SWED-02/SDED-04	URS	10-Sep-99	Barium, dissolved	60	60	J
SWED-01/SDED-03	URS	10-Sep-99	Barium, dissolved	61.5	61.5	J
ED-4A/SDED-02	URS	10-Sep-99	Barium, dissolved	62	62	J
SW-11	SMI	16-May-99	Barium, dissolved	75	75	
SW-11	SMI	14-Jun-99	Barium, dissolved	78.5	78.5	
SW-02/SDED-6	SMI	16-May-99	Barium, dissolved	83	83	J
SW-02/SDED-6	SMI	14-Jun-99	Barium, dissolved	84	84	J
SW-02/SDED-6	SMI	16-May-99	Barium, dissolved	86	86	J
SW-11	SMI	20-Apr-99	Barium, dissolved	97	97	
SW-02/SDED-6	SMI	20-Apr-99	Barium, dissolved	103	103	
SWED-02/SDED-04	URS	9-Mar-00	Beryllium, dissolved	0.15	0.15	J
SWED-02/SDED-04	URS	9-Mar-00	Beryllium, dissolved	0.2	0.2	J
SW-02/SDED-6	SMI	12-Nov-98	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-11	SMI	12-Nov-98	Beryllium, dissolved	2	ND	U
SW-11	SMI	9-Dec-98	Beryllium, dissolved	2	ND	U
SW-11	SMI	13-Jan-99	Beryllium, dissolved	2	ND	U
SW-11	SMI	18-Feb-99	Beryllium, dissolved	2	ND	U
SW-11	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
SW-11	SMI	14-Jun-99	Beryllium, dissolved	2	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Beryllium, dissolved	4	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Beryllium, dissolved	4	ND	U
SW-02/SDED-6	SMI	16-May-99	Beryllium, dissolved	4	ND	U
SW-02/SDED-6	SMI	16-May-99	Beryllium, dissolved	4	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	16-Oct-98	Beryllium, dissolved	4	ND	U
SW-11	SMI	20-Apr-99	Beryllium, dissolved	4	ND	U
SW-11	SMI	16-May-99	Beryllium, dissolved	4	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Beryllium, dissolved	0.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Beryllium, dissolved	0.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Beryllium, dissolved	0.1	ND	U
SW-02/SDED-6	URS	6-Apr-00	Beryllium, dissolved	0.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Beryllium, dissolved	0.1	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Beryllium, dissolved	0.1	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Beryllium, dissolved	0.17	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Beryllium, dissolved	0.19	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Beryllium, dissolved	0.23	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Beryllium, dissolved	0.26	ND	U
SW-02/SDED-6	URS	26-Sep-99	Beryllium, dissolved	0.3	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Cadmium, dissolved	0.3	0.3	J
ED04-SD/ED-2A	URS	25-Sep-99	Cadmium, dissolved	0.55	0.55	J
SWED-01/SDED-03	URS	10-Sep-99	Cadmium, dissolved	0.63	0.63	J
SW-11	SMI	14-Jun-99	Cadmium, dissolved	0.9	0.9	J
SWED-02/SDED-04	URS	5-Apr-00	Cadmium, dissolved	3.9	3.9	
SW-11	SMI	16-Oct-98	Cadmium, dissolved	4	4	J
SWED-02/SDED-04	URS	9-Mar-00	Cadmium, dissolved	4	4	
SWED-02/SDED-04	URS	9-Mar-00	Cadmium, dissolved	4.2	4.2	
SW-02/SDED-6	SMI	12-Mar-99	Cadmium, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Cadmium, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Cadmium, dissolved	0.4	ND	U
SW-11	SMI	9-Dec-98	Cadmium, dissolved	0.4	ND	U
SW-11	SMI	13-Jan-99	Cadmium, dissolved	0.4	ND	U
SW-11	SMI	18-Feb-99	Cadmium, dissolved	0.4	ND	U
SW-11	SMI	12-Mar-99	Cadmium, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Cadmium, dissolved	1	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Cadmium, dissolved	1	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Cadmium, dissolved	1	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Cadmium, dissolved	1	ND	U
SW-11	SMI	12-Nov-98	Cadmium, dissolved	1	ND	U
SW-11	SMI	20-Apr-99	Cadmium, dissolved	1	ND	U
SW-02/SDED-6	SMI	16-May-99	Cadmium, dissolved	2	ND	U
SW-02/SDED-6	SMI	16-May-99	Cadmium, dissolved	2	ND	U
SW-11	SMI	16-May-99	Cadmium, dissolved	2	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Cadmium, dissolved	0.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Cadmium, dissolved	0.2	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Cadmium, dissolved	0.2	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Cadmium, dissolved	0.5	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Cadmium, dissolved	0.5	ND	U
SW-02/SDED-6	URS	6-Apr-00	Cadmium, dissolved	0.5	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Cadmium, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Chromium, dissolved	0.3	0.3	J
SW-02/SDED-6	SMI	9-Dec-98	Chromium, dissolved	0.4	0.4	J
SWED-01/SDED-03	URS	10-Sep-99	Chromium, dissolved	0.41	0.41	J
SW-02/SDED-6	SMI	13-Jan-99	Chromium, dissolved	0.5	0.5	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	9-Dec-98	Chromium, dissolved	0.5	0.5	J
SW-11	SMI	13-Jan-99	Chromium, dissolved	0.5	0.5	J
ED04-SD/ED-2A	URS	25-Sep-99	Chromium, dissolved	1.9	1.9	J
SW-11	SMI	20-Apr-99	Chromium, dissolved	2	2	J
SW-02/SDED-6	SMI	20-Apr-99	Chromium, dissolved	3	3	J
SW-02/SDED-6	SMI	16-Oct-98	Chromium, dissolved	4	4	J
SW-11	SMI	12-Nov-98	Chromium, dissolved	4	4	J
SW-02/SDED-6	SMI	12-Nov-98	Chromium, dissolved	5	5	J
SW-11	SMI	16-May-99	Chromium, dissolved	7	7	J
SW-02/SDED-6	SMI	16-May-99	Chromium, dissolved	8	8	J
SW-02/SDED-6	SMI	16-May-99	Chromium, dissolved	9	9	J
SW-02/SDED-6	SMI	19-Feb-99	Chromium, dissolved	0.4	ND	U
SW-11	SMI	18-Feb-99	Chromium, dissolved	0.4	ND	U
SW-11	SMI	12-Mar-99	Chromium, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Chromium, dissolved	0.5	ND	U
SW-11	SMI	14-Jun-99	Chromium, dissolved	0.7	ND	U
SW-11	SMI	16-Oct-98	Chromium, dissolved	1	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Chromium, dissolved	0.4	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Chromium, dissolved	0.4	ND	U
SW-02/SDED-6	URS	26-Sep-99	Chromium, dissolved	0.4	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Chromium, dissolved	0.4	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Chromium, dissolved	0.4	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Chromium, dissolved	1.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Chromium, dissolved	1.1	ND	U
SW-02/SDED-6	URS	6-Apr-00	Chromium, dissolved	1.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Chromium, dissolved	1.1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Chromium, dissolved	1.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Chromium, dissolved	1.4	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Cobalt, dissolved	0.86	0.86	J
ED-4A/SDED-02	URS	10-Sep-99	Cobalt, dissolved	1	1	J
ED04-SD/ED-2A	URS	9-Mar-00	Cobalt, dissolved	1.1	1.1	J
SWED-02/SDED-04	URS	5-Apr-00	Cobalt, dissolved	1.8	1.8	J
SWED-02/SDED-04	URS	9-Mar-00	Cobalt, dissolved	1.8	1.8	J
SWED-01/SDED-03	URS	10-Sep-99	Cobalt, dissolved	2.1	2.1	J
SWED-02/SDED-04	URS	9-Mar-00	Cobalt, dissolved	2.7	2.7	J
SW-02/SDED-6	URS	26-Sep-99	Cobalt, dissolved	0.5	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Cobalt, dissolved	1.2	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Cobalt, dissolved	1.2	ND	U
SW-02/SDED-6	URS	6-Apr-00	Cobalt, dissolved	1.2	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Cobalt, dissolved	1.2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Cobalt, dissolved	3.5	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Copper, dissolved	3	3	J
SW-02/SDED-6	SMI	19-Feb-99	Copper, dissolved	3	3	J
SW-11	SMI	9-Dec-98	Copper, dissolved	4	4	J
SW-11	SMI	18-Feb-99	Copper, dissolved	4	4	J
SW-11	SMI	14-Jun-99	Copper, dissolved	5	5	J
SW-02/SDED-6	SMI	12-Mar-99	Copper, dissolved	6	6	
SW-02/SDED-6	SMI	14-Jun-99	Copper, dissolved	6	6	J
SW-02/SDED-6	SMI	20-Apr-99	Copper, dissolved	8	8	J
SW-11	SMI	12-Mar-99	Copper, dissolved	8	8	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	12-Nov-98	Copper, dissolved	10	10	J
SW-11	SMI	12-Nov-98	Copper, dissolved	10	10	J
SW-11	SMI	16-Oct-98	Copper, dissolved	41	41	
SW-02/SDED-6	SMI	16-Oct-98	Copper, dissolved	45	45	
SW-02/SDED-6	SMI	16-May-99	Copper, dissolved	50	50	J
SW-02/SDED-6	SMI	16-May-99	Copper, dissolved	50	50	J
SW-11	SMI	16-May-99	Copper, dissolved	50	50	J
SW-02/SDED-6	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-11	SMI	13-Jan-99	Copper, dissolved	2	ND	U
SW-11	SMI	20-Apr-99	Copper, dissolved	5	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Copper, dissolved	0.5	ND	UJ
SW-02/SDED-6	URS	26-Sep-99	Copper, dissolved	0.5	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Copper, dissolved	0.5	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Copper, dissolved	0.5	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Copper, dissolved	0.5	ND	UJ
ED04-SD/ED-2A	URS	9-Mar-00	Copper, dissolved	0.57	ND	UJ
ED04-SD/ED-2A	URS	6-Apr-00	Copper, dissolved	0.9	ND	U
SW-02/SDED-6	URS	6-Apr-00	Copper, dissolved	0.9	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Copper, dissolved	0.97	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Copper, dissolved	1	ND	UJ
SWED-01/SDED-03	URS	6-Apr-00	Copper, dissolved	1.4	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Copper, dissolved	1.6	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Copper, dissolved	3	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Lead, dissolved	3.2	3.2	J
SW-02/SDED-6	SMI	12-Mar-99	Lead, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Lead, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Lead, dissolved	0.4	ND	U
SW-11	SMI	9-Dec-98	Lead, dissolved	0.4	ND	U
SW-11	SMI	13-Jan-99	Lead, dissolved	0.4	ND	U
SW-11	SMI	18-Feb-99	Lead, dissolved	0.4	ND	U
SW-11	SMI	12-Mar-99	Lead, dissolved	0.4	ND	U
SW-11	SMI	14-Jun-99	Lead, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Lead, dissolved	1	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Lead, dissolved	1	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Lead, dissolved	1	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Lead, dissolved	1	ND	U
SW-11	SMI	16-Oct-98	Lead, dissolved	1	ND	U
SW-11	SMI	12-Nov-98	Lead, dissolved	1	ND	U
SW-11	SMI	20-Apr-99	Lead, dissolved	1	ND	U
SW-02/SDED-6	SMI	16-May-99	Lead, dissolved	2	ND	U
SW-02/SDED-6	SMI	16-May-99	Lead, dissolved	2	ND	U
SW-11	SMI	16-May-99	Lead, dissolved	2	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Lead, dissolved	0.9	ND	UJ
SW-02/SDED-6	URS	6-Apr-00	Lead, dissolved	0.9	ND	UJ
SWED-01/SDED-03	URS	6-Apr-00	Lead, dissolved	0.9	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Lead, dissolved	0.9	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Lead, dissolved	1	ND	UJ
ED04-SD/ED-2A	URS	9-Mar-00	Lead, dissolved	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Lead, dissolved	1	ND	UJ

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	URS	26-Sep-99	Lead, dissolved	1	ND	UJ
SWED-01/SDED-03	URS	10-Sep-99	Lead, dissolved	1	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Lead, dissolved	1	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Lead, dissolved	1	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Lead, dissolved	1	ND	UJ
SW-02/SDED-6	URS	6-Apr-00	Magnesium, dissolved	29600	29600	
ED04-SD/ED-2A	URS	9-Mar-00	Magnesium, dissolved	29900	29900	
SW-02/SDED-6	SMI	19-Feb-99	Magnesium, dissolved	31800	31800	
SW-02/SDED-6	SMI	13-Jan-99	Magnesium, dissolved	36300	36300	
ED04-SD/ED-2A	URS	6-Apr-00	Magnesium, dissolved	36600	36600	
SW-02/SDED-6	SMI	12-Mar-99	Magnesium, dissolved	42000	42000	
SW-02/SDED-6	SMI	9-Dec-98	Magnesium, dissolved	50000	50000	
SW-11	SMI	12-Mar-99	Magnesium, dissolved	55200	55200	
SWED-01/SDED-03	URS	6-Apr-00	Magnesium, dissolved	56300	56300	
SW-02/SDED-6	SMI	20-Apr-99	Magnesium, dissolved	61200	61200	
SW-11	SMI	18-Feb-99	Magnesium, dissolved	64800	64800	
ED-4A/SDED-02	URS	6-Apr-00	Magnesium, dissolved	65200	65200	
SW-11	SMI	13-Jan-99	Magnesium, dissolved	66500	66500	
SW-11	SMI	20-Apr-99	Magnesium, dissolved	68000	68000	
SW-02/SDED-6	SMI	14-Jun-99	Magnesium, dissolved	72500	72500	
SWED-02/SDED-04	URS	9-Mar-00	Magnesium, dissolved	73300	73300	
SWED-02/SDED-04	URS	9-Mar-00	Magnesium, dissolved	73800	73800	
SW-11	SMI	14-Jun-99	Magnesium, dissolved	75100	75100	
SW-11	SMI	9-Dec-98	Magnesium, dissolved	79200	79200	
SWED-02/SDED-04	URS	5-Apr-00	Magnesium, dissolved	80100	80100	
SW-02/SDED-6	SMI	16-May-99	Magnesium, dissolved	80500	80500	
SW-11	SMI	16-May-99	Magnesium, dissolved	80900	80900	
SW-02/SDED-6	SMI	16-May-99	Magnesium, dissolved	84100	84100	
SW-02/SDED-6	SMI	16-Oct-98	Magnesium, dissolved	86800	86800	
SW-02/SDED-6	URS	26-Sep-99	Magnesium, dissolved	89800	89800	
ED04-SD/ED-2A	URS	25-Sep-99	Magnesium, dissolved	93100	93100	
SWED-02/SDED-04	URS	10-Sep-99	Magnesium, dissolved	102000	102000	
ED-4A/SDED-02	URS	10-Sep-99	Magnesium, dissolved	105000	105000	
SWED-01/SDED-03	URS	10-Sep-99	Magnesium, dissolved	105000	105000	
SW-11	SMI	12-Nov-98	Magnesium, dissolved	108000	108000	
SW-02/SDED-6	SMI	12-Nov-98	Magnesium, dissolved	110000	110000	
SW-11	SMI	16-Oct-98	Magnesium, dissolved	256000	256000	
SW-11	SMI	18-Feb-99	Manganese, dissolved	1.3	1.3	J
SW-11	SMI	13-Jan-99	Manganese, dissolved	2.5	2.5	J
SW-02/SDED-6	SMI	13-Jan-99	Manganese, dissolved	3.8	3.8	J
SW-02/SDED-6	SMI	19-Feb-99	Manganese, dissolved	4.7	4.7	
SWED-01/SDED-03	URS	6-Apr-00	Manganese, dissolved	8.3	8.3	J
SW-11	SMI	12-Mar-99	Manganese, dissolved	9.6	9.6	
SW-02/SDED-6	SMI	9-Dec-98	Manganese, dissolved	16.6	16.6	
SW-11	SMI	14-Jun-99	Manganese, dissolved	25.3	25.3	
ED04-SD/ED-2A	URS	6-Apr-00	Manganese, dissolved	25.8	25.8	
SW-11	SMI	20-Apr-99	Manganese, dissolved	30	30	
SWED-01/SDED-03	URS	10-Sep-99	Manganese, dissolved	38.8	38.8	
ED-4A/SDED-02	URS	6-Apr-00	Manganese, dissolved	43	43	
SW-02/SDED-6	URS	6-Apr-00	Manganese, dissolved	44.8	44.8	

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
ED04-SD/ED-2A	URS	9-Mar-00	Manganese, dissolved	48.3	48.3	
SW-11	SMI	16-May-99	Manganese, dissolved	49	49	
SW-02/SDED-6	SMI	12-Mar-99	Manganese, dissolved	51.4	51.4	J
SW-02/SDED-6	SMI	14-Jun-99	Manganese, dissolved	65	65	
SW-11	SMI	12-Nov-98	Manganese, dissolved	77	77	
SW-02/SDED-6	SMI	20-Apr-99	Manganese, dissolved	87	87	
ED04-SD/ED-2A	URS	25-Sep-99	Manganese, dissolved	92.3	92.3	
ED-4A/SDED-02	URS	10-Sep-99	Manganese, dissolved	99.6	99.6	
SW-02/SDED-6	SMI	16-May-99	Manganese, dissolved	101	101	
SW-02/SDED-6	SMI	16-May-99	Manganese, dissolved	102	102	
SW-02/SDED-6	URS	26-Sep-99	Manganese, dissolved	107	107	
SW-02/SDED-6	SMI	16-Oct-98	Manganese, dissolved	154	154	
SW-02/SDED-6	SMI	12-Nov-98	Manganese, dissolved	170	170	
SWED-02/SDED-04	URS	10-Sep-99	Manganese, dissolved	307	307	
SWED-02/SDED-04	URS	5-Apr-00	Manganese, dissolved	5440	5440	
SWED-02/SDED-04	URS	9-Mar-00	Manganese, dissolved	6010	6010	
SWED-02/SDED-04	URS	9-Mar-00	Manganese, dissolved	6010	6010	
SW-11	SMI	16-Oct-98	Manganese, dissolved	16300	16300	
SW-11	SMI	9-Dec-98	Manganese, dissolved	2.7	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	16-Oct-98	Mercury, dissolved	0.2	ND	U
SW-11	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
SW-11	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
SW-11	SMI	13-Jan-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	18-Feb-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	20-Apr-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	16-May-99	Mercury, dissolved	0.2	ND	U
SW-11	SMI	14-Jun-99	Mercury, dissolved	0.2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Mercury, dissolved	0.1	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Mercury, dissolved	0.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Mercury, dissolved	0.1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Mercury, dissolved	0.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Mercury, dissolved	0.1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Mercury, dissolved	0.1	ND	U
SW-02/SDED-6	URS	6-Apr-00	Mercury, dissolved	0.1	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Mercury, dissolved	0.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Mercury, dissolved	0.1	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Mercury, dissolved	0.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Mercury, dissolved	0.1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Mercury, dissolved	0.1	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SWED-02/SDED-04	URS	9-Mar-00	Mercury, dissolved	0.1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Nickel, dissolved	0.74	0.74	J
ED-4A/SDED-02	URS	10-Sep-99	Nickel, dissolved	1.4	1.4	J
ED04-SD/ED-2A	URS	9-Mar-00	Nickel, dissolved	2.4	2.4	J
ED04-SD/ED-2A	URS	25-Sep-99	Nickel, dissolved	3.5	3.5	J
SWED-01/SDED-03	URS	10-Sep-99	Nickel, dissolved	3.6	3.6	J
SWED-02/SDED-04	URS	10-Sep-99	Nickel, dissolved	7.1	7.1	J
SW-02/SDED-6	SMI	12-Nov-98	Nickel, dissolved	10	10	J
SW-02/SDED-6	SMI	16-May-99	Nickel, dissolved	20	20	J
SWED-02/SDED-04	URS	5-Apr-00	Nickel, dissolved	130	130	
SWED-02/SDED-04	URS	9-Mar-00	Nickel, dissolved	142	142	
SWED-02/SDED-04	URS	9-Mar-00	Nickel, dissolved	145	145	
SW-11	SMI	16-Oct-98	Nickel, dissolved	340	340	
SW-02/SDED-6	SMI	9-Dec-98	Nickel, dissolved	10	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Nickel, dissolved	10	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Nickel, dissolved	10	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Nickel, dissolved	10	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-11	SMI	12-Nov-98	Nickel, dissolved	10	ND	U
SW-11	SMI	9-Dec-98	Nickel, dissolved	10	ND	U
SW-11	SMI	13-Jan-99	Nickel, dissolved	10	ND	U
SW-11	SMI	18-Feb-99	Nickel, dissolved	10	ND	U
SW-11	SMI	12-Mar-99	Nickel, dissolved	10	ND	U
SW-11	SMI	14-Jun-99	Nickel, dissolved	10	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Nickel, dissolved	20	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Nickel, dissolved	20	ND	U
SW-02/SDED-6	SMI	16-May-99	Nickel, dissolved	20	ND	U
SW-11	SMI	20-Apr-99	Nickel, dissolved	20	ND	U
SW-11	SMI	16-May-99	Nickel, dissolved	20	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Nickel, dissolved	1.2	ND	UJ
SW-02/SDED-6	URS	6-Apr-00	Nickel, dissolved	1.5	ND	UJ
SWED-01/SDED-03	URS	6-Apr-00	Nickel, dissolved	1.6	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Nickel, dissolved	2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Silver, dissolved	1.8	1.8	
SW-02/SDED-6	SMI	12-Mar-99	Silver, dissolved	6	6	J
SW-02/SDED-6	SMI	20-Apr-99	Silver, dissolved	30	30	J
SW-02/SDED-6	SMI	9-Dec-98	Silver, dissolved	5	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Silver, dissolved	5	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Silver, dissolved	5	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Silver, dissolved	5	ND	U
SW-11	SMI	9-Dec-98	Silver, dissolved	5	ND	U
SW-11	SMI	13-Jan-99	Silver, dissolved	5	ND	U
SW-11	SMI	18-Feb-99	Silver, dissolved	5	ND	U
SW-11	SMI	14-Jun-99	Silver, dissolved	5	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Silver, dissolved	10	ND	U
SW-02/SDED-6	SMI	16-May-99	Silver, dissolved	10	ND	U
SW-02/SDED-6	SMI	16-May-99	Silver, dissolved	10	ND	U
SW-11	SMI	16-Oct-98	Silver, dissolved	10	ND	U
SW-11	SMI	20-Apr-99	Silver, dissolved	10	ND	U
SW-11	SMI	16-May-99	Silver, dissolved	10	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	12-Nov-98	Silver, dissolved	30	ND	U
SW-11	SMI	12-Nov-98	Silver, dissolved	30	ND	U
SW-11	SMI	12-Mar-99	Silver, dissolved	100	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Silver, dissolved	0.7	ND	UJ
ED-4A/SDED-02	URS	10-Sep-99	Silver, dissolved	0.7	ND	U
SW-02/SDED-6	URS	26-Sep-99	Silver, dissolved	0.7	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Silver, dissolved	0.7	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Silver, dissolved	0.7	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Silver, dissolved	0.7	ND	UJ
ED04-SD/ED-2A	URS	6-Apr-00	Silver, dissolved	0.8	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Silver, dissolved	0.8	ND	U
SW-02/SDED-6	URS	6-Apr-00	Silver, dissolved	0.8	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Silver, dissolved	0.8	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Silver, dissolved	0.8	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Silver, dissolved	2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Thallium, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Thallium, dissolved	0.2	ND	U
SW-11	SMI	9-Dec-98	Thallium, dissolved	0.2	ND	U
SW-11	SMI	13-Jan-99	Thallium, dissolved	0.2	ND	U
SW-11	SMI	18-Feb-99	Thallium, dissolved	0.2	ND	U
SW-11	SMI	12-Mar-99	Thallium, dissolved	0.2	ND	U
SW-11	SMI	14-Jun-99	Thallium, dissolved	0.3	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Thallium, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Thallium, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Thallium, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Thallium, dissolved	0.5	ND	U
SW-11	SMI	16-Oct-98	Thallium, dissolved	0.5	ND	U
SW-11	SMI	12-Nov-98	Thallium, dissolved	0.5	ND	U
SW-11	SMI	20-Apr-99	Thallium, dissolved	0.5	ND	U
SW-02/SDED-6	SMI	16-May-99	Thallium, dissolved	1	ND	U
SW-02/SDED-6	SMI	16-May-99	Thallium, dissolved	1	ND	U
SW-11	SMI	16-May-99	Thallium, dissolved	1	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Thallium, dissolved	1.1	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Thallium, dissolved	1.1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Thallium, dissolved	1.1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Thallium, dissolved	1.1	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Thallium, dissolved	1.1	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Thallium, dissolved	1.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Thallium, dissolved	1.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Thallium, dissolved	1.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Thallium, dissolved	1.2	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Thallium, dissolved	1.2	ND	U
SW-02/SDED-6	URS	6-Apr-00	Thallium, dissolved	1.2	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Thallium, dissolved	1.2	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Thallium, dissolved	1.2	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Vanadium, dissolved	0.77	0.77	J
SWED-02/SDED-04	URS	9-Mar-00	Vanadium, dissolved	1.4	1.4	J
ED04-SD/ED-2A	URS	25-Sep-99	Vanadium, dissolved	0.5	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
ED-4A/SDED-02	URS	10-Sep-99	Vanadium, dissolved	0.5	ND	U
SW-02/SDED-6	URS	26-Sep-99	Vanadium, dissolved	0.5	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Vanadium, dissolved	0.5	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Vanadium, dissolved	0.5	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Vanadium, dissolved	0.5	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Vanadium, dissolved	1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Vanadium, dissolved	1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Vanadium, dissolved	1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Vanadium, dissolved	1.6	ND	U
SW-02/SDED-6	URS	6-Apr-00	Vanadium, dissolved	1.6	ND	U
SW-11	SMI	9-Dec-98	Zinc, dissolved	5	5	J
SW-11	SMI	12-Mar-99	Zinc, dissolved	7	7	J
SW-02/SDED-6	SMI	20-Apr-99	Zinc, dissolved	10	10	J
SW-02/SDED-6	SMI	12-Mar-99	Zinc, dissolved	11	11	
SW-02/SDED-6	SMI	14-Jun-99	Zinc, dissolved	20	20	J
SW-11	SMI	14-Jun-99	Zinc, dissolved	20	20	J
SW-02/SDED-6	SMI	12-Nov-98	Zinc, dissolved	30	30	J
SW-11	SMI	12-Nov-98	Zinc, dissolved	30	30	J
SW-11	SMI	16-May-99	Zinc, dissolved	30	30	J
SW-02/SDED-6	SMI	16-Oct-98	Zinc, dissolved	40	40	J
SW-02/SDED-6	SMI	16-May-99	Zinc, dissolved	40	40	J
SW-02/SDED-6	SMI	16-May-99	Zinc, dissolved	40	40	J
SW-11	SMI	20-Apr-99	Zinc, dissolved	50	50	J
SWED-02/SDED-04	URS	5-Apr-00	Zinc, dissolved	92.3	92.3	
SWED-02/SDED-04	URS	9-Mar-00	Zinc, dissolved	98.7	98.7	
SWED-02/SDED-04	URS	9-Mar-00	Zinc, dissolved	109	109	
SW-11	SMI	16-Oct-98	Zinc, dissolved	370	370	
SW-02/SDED-6	SMI	9-Dec-98	Zinc, dissolved	4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Zinc, dissolved	4	ND	U
SW-11	SMI	13-Jan-99	Zinc, dissolved	4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Zinc, dissolved	12	ND	U
SW-11	SMI	18-Feb-99	Zinc, dissolved	12	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Zinc, dissolved	0.4	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Zinc, dissolved	0.4	ND	U
SW-02/SDED-6	URS	6-Apr-00	Zinc, dissolved	0.4	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Zinc, dissolved	0.4	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Zinc, dissolved	1.1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Zinc, dissolved	1.2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Zinc, dissolved	1.2	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Zinc, dissolved	4	ND	U
SW-02/SDED-6	URS	26-Sep-99	Zinc, dissolved	4.2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Zinc, dissolved	4.9	ND	U
Western Drainage						
WDAC/SDWD-03	SMI	11-Dec-99	Antimony, dissolved	0.5	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Antimony, dissolved	2.7	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Antimony, dissolved	4.8	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Arsenic, dissolved	0.2	0.2	
WDAC/SDWD-03	URS	8-Apr-00	Arsenic, dissolved	0.34	0.34	
WDAC/SDWD-03	SMI	6-Aug-99	Arsenic, dissolved	3	3	J
WDAC/SDWD-03	SMI	12-Mar-99	Arsenic, dissolved	1	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	17-Feb-99	Arsenic, dissolved	2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Arsenic, dissolved	2	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Arsenic, dissolved	3	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Arsenic, dissolved	3	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Arsenic, dissolved	5	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Arsenic, dissolved	30	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Arsenic, dissolved	50	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Barium, dissolved	14.7	14.7	
WDAC/SDWD-03	SMI	12-Jan-99	Barium, dissolved	16	16	
WDAC/SDWD-03	URS	8-Apr-00	Barium, dissolved	16	16	J
WDAC/SDWD-03	SMI	12-Nov-98	Barium, dissolved	17	17	
WDAC/SDWD-03	SMI	9-Dec-98	Barium, dissolved	17	17	
WDAC/SDWD-03	SMI	5-Feb-00	Barium, dissolved	17	17	J
WDAC/SDWD-03	SMI	9-Dec-98	Barium, dissolved	17	17	
WDAC/SDWD-03	SMI	11-Dec-99	Barium, dissolved	18.6	18.6	
WDAC/SDWD-03	SMI	17-May-99	Barium, dissolved	19.7	19.7	J
WDAC/SDWD-03	SMI	20-Apr-99	Barium, dissolved	20	20	J
WDAC/SDWD-03	SMI	6-Jan-00	Barium, dissolved	20	20	J
WDAC/SDWD-03	URS	12-Sep-99	Barium, dissolved	22.2	22.2	J
WDAC/SDWD-03	SMI	12-Mar-99	Barium, dissolved	23.5	23.5	
WDAC/SDWD-03	SMI	15-Jun-99	Barium, dissolved	24.5	24.5	J
WDAC/SDWD-03	SMI	6-Aug-99	Barium, dissolved	26.5	26.5	J
WDAC/SDWD-03	SMI	16-Oct-98	Barium, dissolved	57	57	
WDAC/SDWD-03	URS	8-Apr-00	Beryllium, dissolved	1	1	J
WDAC/SDWD-03	SMI	15-Jun-99	Beryllium, dissolved	3	3	J
WDAC/SDWD-03	SMI	9-Dec-98	Beryllium, dissolved	4	4	J
WDAC/SDWD-03	SMI	6-Aug-99	Beryllium, dissolved	4	4	J
WDAC/SDWD-03	SMI	5-Feb-00	Beryllium, dissolved	4	4	J
WDAC/SDWD-03	SMI	9-Dec-98	Beryllium, dissolved	4	4	J
WDAC/SDWD-03	URS	12-Sep-99	Beryllium, dissolved	4.3	4.3	
WDAC/SDWD-03	SMI	12-Nov-98	Beryllium, dissolved	5	5	J
WDAC/SDWD-03	SMI	12-Mar-99	Beryllium, dissolved	2	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Beryllium, dissolved	2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Beryllium, dissolved	2	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Beryllium, dissolved	4	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Beryllium, dissolved	4	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Beryllium, dissolved	4	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Beryllium, dissolved	4	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Beryllium, dissolved	4	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Cadmium, dissolved	0.99	0.99	J
WDAC/SDWD-03	SMI	12-Mar-99	Cadmium, dissolved	1.2	1.2	
WDAC/SDWD-03	SMI	17-May-99	Cadmium, dissolved	1.4	1.4	J
WDAC/SDWD-03	SMI	20-Apr-99	Cadmium, dissolved	2	2	J
WDAC/SDWD-03	SMI	15-Jun-99	Cadmium, dissolved	2.4	2.4	J
WDAC/SDWD-03	SMI	6-Aug-99	Cadmium, dissolved	3.2	3.2	J

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	URS	12-Sep-99	Cadmium, dissolved	3.7	3.7	
WDAC/SDWD-03	SMI	12-Nov-98	Cadmium, dissolved	4	4	J
WDAC/SDWD-03	SMI	17-Feb-99	Cadmium, dissolved	4.2	4.2	
WDAC/SDWD-03	SMI	9-Dec-98	Cadmium, dissolved	5	5	
WDAC/SDWD-03	SMI	12-Jan-99	Cadmium, dissolved	5	5	
WDAC/SDWD-03	SMI	9-Dec-98	Cadmium, dissolved	5	5	
WDAC/SDWD-03	SMI	11-Dec-99	Cadmium, dissolved	5.2	5.2	J
WDAC/SDWD-03	SMI	16-Oct-98	Cadmium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Cadmium, dissolved	5	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Cadmium, dissolved	10	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Chromium, dissolved	0.3	0.3	J
WDAC/SDWD-03	SMI	17-May-99	Chromium, dissolved	0.6	0.6	J
WDAC/SDWD-03	URS	12-Sep-99	Chromium, dissolved	1.7	1.7	J
WDAC/SDWD-03	SMI	12-Nov-98	Chromium, dissolved	2	2	J
WDAC/SDWD-03	SMI	15-Jun-99	Chromium, dissolved	0.1	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Chromium, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Chromium, dissolved	0.4	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Chromium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Chromium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Chromium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Chromium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Chromium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Chromium, dissolved	3	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Chromium, dissolved	5	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Chromium, dissolved	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Chromium, dissolved	1.1	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Cobalt, dissolved	4	4	J
WDAC/SDWD-03	SMI	11-Dec-99	Cobalt, dissolved	20	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Cobalt, dissolved	1.2	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Copper, dissolved	2.4	2.4	J
WDAC/SDWD-03	SMI	12-Mar-99	Copper, dissolved	6	6	
WDAC/SDWD-03	SMI	17-May-99	Copper, dissolved	6	6	J
WDAC/SDWD-03	SMI	9-Dec-98	Copper, dissolved	8	8	J
WDAC/SDWD-03	SMI	9-Dec-98	Copper, dissolved	8	8	J
WDAC/SDWD-03	SMI	6-Aug-99	Copper, dissolved	11	11	J
WDAC/SDWD-03	SMI	17-Feb-99	Copper, dissolved	15	15	
WDAC/SDWD-03	SMI	12-Jan-99	Copper, dissolved	19	19	J
WDAC/SDWD-03	SMI	15-Jun-99	Copper, dissolved	19	19	J
WDAC/SDWD-03	SMI	11-Dec-99	Copper, dissolved	26	26	
WDAC/SDWD-03	SMI	16-Oct-98	Copper, dissolved	44	44	
WDAC/SDWD-03	SMI	6-Jan-00	Copper, dissolved	50	50	J
WDAC/SDWD-03	SMI	5-Feb-00	Copper, dissolved	80	80	J
WDAC/SDWD-03	SMI	20-Apr-99	Copper, dissolved	5	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Copper, dissolved	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Copper, dissolved	0.9	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Lead, dissolved	0.5	0.5	J
WDAC/SDWD-03	SMI	12-Mar-99	Lead, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Lead, dissolved	0.4	ND	U
WDAC/SDWD-03	SMI	17-May-99	Lead, dissolved	0.4	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Lead, dissolved	0.5	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	11-Dec-99	Lead, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Lead, dissolved	5	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Lead, dissolved	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Lead, dissolved	0.9	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Lead, dissolved	1	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Magnesium, dissolved	77000	77000	
WDAC/SDWD-03	SMI	16-Oct-98	Magnesium, dissolved	86900	86900	
WDAC/SDWD-03	URS	8-Apr-00	Magnesium, dissolved	90300	90300	
WDAC/SDWD-03	SMI	20-Apr-99	Magnesium, dissolved	102000	102000	
WDAC/SDWD-03	SMI	17-May-99	Magnesium, dissolved	122000	122000	
WDAC/SDWD-03	SMI	15-Jun-99	Magnesium, dissolved	155000	155000	
WDAC/SDWD-03	SMI	6-Aug-99	Magnesium, dissolved	169000	169000	J
WDAC/SDWD-03	SMI	17-Feb-99	Magnesium, dissolved	189000	189000	
WDAC/SDWD-03	SMI	5-Feb-00	Magnesium, dissolved	215000	215000	
WDAC/SDWD-03	SMI	11-Dec-99	Magnesium, dissolved	246000	246000	
WDAC/SDWD-03	SMI	12-Jan-99	Magnesium, dissolved	249000	249000	
WDAC/SDWD-03	SMI	6-Jan-00	Magnesium, dissolved	249000	249000	
WDAC/SDWD-03	SMI	12-Nov-98	Magnesium, dissolved	255000	255000	
WDAC/SDWD-03	SMI	9-Dec-98	Magnesium, dissolved	266000	266000	
WDAC/SDWD-03	URS	12-Sep-99	Magnesium, dissolved	266000	266000	
WDAC/SDWD-03	SMI	9-Dec-98	Magnesium, dissolved	270000	270000	
WDAC/SDWD-03	SMI	16-Oct-98	Manganese, dissolved	41.9	41.9	
WDAC/SDWD-03	SMI	20-Apr-99	Manganese, dissolved	2120	2120	J
WDAC/SDWD-03	URS	8-Apr-00	Manganese, dissolved	2320	2320	
WDAC/SDWD-03	SMI	12-Mar-99	Manganese, dissolved	2550	2550	
WDAC/SDWD-03	SMI	17-May-99	Manganese, dissolved	2880	2880	
WDAC/SDWD-03	SMI	15-Jun-99	Manganese, dissolved	3520	3520	
WDAC/SDWD-03	SMI	6-Aug-99	Manganese, dissolved	6000	6000	J
WDAC/SDWD-03	SMI	5-Feb-00	Manganese, dissolved	9990	9990	
WDAC/SDWD-03	SMI	17-Feb-99	Manganese, dissolved	10900	10900	
WDAC/SDWD-03	SMI	6-Jan-00	Manganese, dissolved	11300	11300	
WDAC/SDWD-03	SMI	11-Dec-99	Manganese, dissolved	11600	11600	
WDAC/SDWD-03	URS	12-Sep-99	Manganese, dissolved	11700	11700	
WDAC/SDWD-03	SMI	12-Jan-99	Manganese, dissolved	14600	14600	
WDAC/SDWD-03	SMI	12-Nov-98	Manganese, dissolved	16100	16100	
WDAC/SDWD-03	SMI	9-Dec-98	Manganese, dissolved	16400	16400	
WDAC/SDWD-03	SMI	9-Dec-98	Manganese, dissolved	17100	17100	J
WDAC/SDWD-03	SMI	6-Aug-99	Mercury, dissolved	0.2	0.2	J
WDAC/SDWD-03	SMI	16-Oct-98	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Mercury, dissolved	0.2	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	20-Apr-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Mercury, dissolved	0.2	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Mercury, dissolved	0.1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Mercury, dissolved	0.1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Nickel, dissolved	89.6	89.6	
WDAC/SDWD-03	SMI	12-Mar-99	Nickel, dissolved	90	90	
WDAC/SDWD-03	SMI	20-Apr-99	Nickel, dissolved	90	90	
WDAC/SDWD-03	SMI	17-May-99	Nickel, dissolved	120	120	
WDAC/SDWD-03	SMI	15-Jun-99	Nickel, dissolved	150	150	
WDAC/SDWD-03	SMI	6-Aug-99	Nickel, dissolved	200	200	J
WDAC/SDWD-03	SMI	17-Feb-99	Nickel, dissolved	280	280	
WDAC/SDWD-03	SMI	11-Dec-99	Nickel, dissolved	310	310	
WDAC/SDWD-03	SMI	6-Jan-00	Nickel, dissolved	310	310	
WDAC/SDWD-03	SMI	5-Feb-00	Nickel, dissolved	320	320	
WDAC/SDWD-03	URS	12-Sep-99	Nickel, dissolved	336	336	
WDAC/SDWD-03	SMI	12-Jan-99	Nickel, dissolved	350	350	
WDAC/SDWD-03	SMI	12-Nov-98	Nickel, dissolved	370	370	
WDAC/SDWD-03	SMI	9-Dec-98	Nickel, dissolved	370	370	
WDAC/SDWD-03	SMI	9-Dec-98	Nickel, dissolved	380	380	
WDAC/SDWD-03	SMI	16-Oct-98	Nickel, dissolved	20	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Silver, dissolved	1.5	1.5	
WDAC/SDWD-03	SMI	17-May-99	Silver, dissolved	7	7	J
WDAC/SDWD-03	SMI	6-Aug-99	Silver, dissolved	10	10	J
WDAC/SDWD-03	SMI	12-Mar-99	Silver, dissolved	5	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Silver, dissolved	5	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Silver, dissolved	5	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Silver, dissolved	6	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Silver, dissolved	10	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Silver, dissolved	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Silver, dissolved	0.8	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Thallium, dissolved	0.3	0.3	J
WDAC/SDWD-03	SMI	12-Mar-99	Thallium, dissolved	0.1	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Thallium, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Thallium, dissolved	0.2	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Thallium, dissolved	0.3	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Thallium, dissolved	0.3	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Thallium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Thallium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Thallium, dissolved	0.5	ND	U

Table A-1
SURFACE WATER DATA - DISSOLVED METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	12-Jan-99	Thallium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Thallium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Thallium, dissolved	0.5	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Thallium, dissolved	3	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Thallium, dissolved	5	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Thallium, dissolved	1.1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Thallium, dissolved	1.2	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Vanadium, dissolved	2.6	2.6	J
WDAC/SDWD-03	SMI	11-Dec-99	Vanadium, dissolved	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Vanadium, dissolved	1	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Zinc, dissolved	30	30	J
WDAC/SDWD-03	URS	8-Apr-00	Zinc, dissolved	109	109	
WDAC/SDWD-03	SMI	12-Mar-99	Zinc, dissolved	116	116	
WDAC/SDWD-03	SMI	20-Apr-99	Zinc, dissolved	120	120	J
WDAC/SDWD-03	SMI	17-May-99	Zinc, dissolved	136	136	
WDAC/SDWD-03	SMI	15-Jun-99	Zinc, dissolved	230	230	
WDAC/SDWD-03	SMI	6-Aug-99	Zinc, dissolved	230	230	J
WDAC/SDWD-03	URS	12-Sep-99	Zinc, dissolved	352	352	
WDAC/SDWD-03	SMI	5-Feb-00	Zinc, dissolved	380	380	
WDAC/SDWD-03	SMI	17-Feb-99	Zinc, dissolved	388	388	J
WDAC/SDWD-03	SMI	11-Dec-99	Zinc, dissolved	400	400	
WDAC/SDWD-03	SMI	9-Dec-98	Zinc, dissolved	410	410	
WDAC/SDWD-03	SMI	6-Jan-00	Zinc, dissolved	420	420	J
WDAC/SDWD-03	SMI	9-Dec-98	Zinc, dissolved	420	420	
WDAC/SDWD-03	SMI	12-Nov-98	Zinc, dissolved	430	430	J
WDAC/SDWD-03	SMI	12-Jan-99	Zinc, dissolved	460	460	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
Blood Pool						
BP	SMI	8-Dec-98	Aluminum, total	4320	4320	
BP	SMI	14-Jan-99	Aluminum, total	8570	8570	
BP	SMI	11-Mar-99	Aluminum, total	68200	68200	
BP	SMI	16-May-99	Aluminum, total	87400	87400	
BP	SMI	19-Apr-99	Aluminum, total	90000	90000	
BP01SW/BP01SD	ECOENV	1-Apr-98	Aluminum, total	109000	109000	
BP02SW/BP02SD	ECOENV	1-Apr-98	Aluminum, total	116000	116000	
BP01SW/BP01SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BP	SMI	19-Apr-99	Arsenic, total	5	5	J
BP02SW/BP02SD	ECOENV	1-Apr-98	Arsenic, total	6.7	6.7	J
BP01SW/BP01SD	ECOENV	1-Apr-98	Arsenic, total	7.1	7.1	J
BP	SMI	8-Dec-98	Arsenic, total	10	ND	U
BP	SMI	14-Jan-99	Arsenic, total	5	ND	U
BP	SMI	11-Mar-99	Arsenic, total	5	ND	U
BP	SMI	16-May-99	Arsenic, total	10	ND	U
BP	SMI	11-Mar-99	Barium, total	3	3	J
BP01SW/BP01SD	ECOENV	1-Apr-98	Barium, total	5.3	5.3	J
BP	SMI	14-Jan-99	Barium, total	7.2	7.2	
BP	SMI	16-May-99	Barium, total	8	8	J
BP	SMI	19-Apr-99	Barium, total	15	15	
BP	SMI	8-Dec-98	Barium, total	22	22	
BP02SW/BP02SD	ECOENV	1-Apr-98	Barium, total	3.8	ND	U
BP	SMI	14-Jan-99	Beryllium, total	3	3	J
BP	SMI	11-Mar-99	Beryllium, total	14	14	
BP	SMI	19-Apr-99	Beryllium, total	21	21	
BP	SMI	16-May-99	Beryllium, total	22	22	
BP01SW/BP01SD	ECOENV	1-Apr-98	Beryllium, total	26.3	26.3	
BP02SW/BP02SD	ECOENV	1-Apr-98	Beryllium, total	27.8	27.8	
BP	SMI	8-Dec-98	Beryllium, total	4	ND	U
BP	SMI	14-Jan-99	Cadmium, total	1.2	1.2	J
BP	SMI	8-Dec-98	Cadmium, total	2	2	J
BP	SMI	11-Mar-99	Cadmium, total	5	5	
BP	SMI	19-Apr-99	Cadmium, total	8	8	
BP01SW/BP01SD	ECOENV	1-Apr-98	Cadmium, total	8	8	
BP02SW/BP02SD	ECOENV	1-Apr-98	Cadmium, total	8.4	8.4	
BP	SMI	16-May-99	Cadmium, total	9	9	J
BP	SMI	8-Dec-98	Chromium, total	1	1	J
BP	SMI	14-Jan-99	Chromium, total	1.7	1.7	J
BP	SMI	16-May-99	Chromium, total	13	13	
BP	SMI	11-Mar-99	Chromium, total	24	24	
BP	SMI	19-Apr-99	Chromium, total	24	24	
BP01SW/BP01SD	ECOENV	1-Apr-98	Chromium, total	24.2	24.2	
BP02SW/BP02SD	ECOENV	1-Apr-98	Chromium, total	27.4	27.4	
BP01SW/BP01SD	ECOENV	1-Apr-98	Cobalt, total	714	714	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BP02SW/BP02SD	ECOENV	1-Apr-98	Cobalt, total	792	792	
BP	SMI	8-Dec-98	Copper, total	67	67	
BP	SMI	14-Jan-99	Copper, total	101	101	
BP	SMI	11-Mar-99	Copper, total	836	836	
BP	SMI	16-May-99	Copper, total	900	900	J
BP	SMI	19-Apr-99	Copper, total	935	935	
BP02SW/BP02SD	ECOENV	1-Apr-98	Copper, total	1170	1170	
BP01SW/BP01SD	ECOENV	1-Apr-98	Copper, total	1190	1190	
BP	SMI	14-Jan-99	Iron, total	610	610	
BP	SMI	8-Dec-98	Iron, total	1090	1090	
BP	SMI	16-May-99	Iron, total	2080	2080	
BP02SW/BP02SD	ECOENV	1-Apr-98	Iron, total	4380	4380	
BP01SW/BP01SD	ECOENV	1-Apr-98	Iron, total	4680	4680	
BP	SMI	19-Apr-99	Iron, total	10100	10100	
BP	SMI	11-Mar-99	Iron, total	16600	16600	
BP	SMI	14-Jan-99	Lead, total	0.8	0.8	J
BP	SMI	19-Apr-99	Lead, total	2	2	J
BP01SW/BP01SD	ECOENV	1-Apr-98	Lead, total	10.4	10.4	
BP02SW/BP02SD	ECOENV	1-Apr-98	Lead, total	12.5	12.5	
BP	SMI	8-Dec-98	Lead, total	1	ND	U
BP	SMI	11-Mar-99	Lead, total	1	ND	U
BP	SMI	16-May-99	Lead, total	2	ND	U
BP01SW/BP01SD	ECOENV	1-Apr-98	Magnesium, total	163000	163000	
BP02SW/BP02SD	ECOENV	1-Apr-98	Magnesium, total	183000	183000	
BP	SMI	8-Dec-98	Manganese, total	3560	3560	
BP	SMI	14-Jan-99	Manganese, total	5310	5310	J
BP	SMI	11-Mar-99	Manganese, total	20100	20100	
BP01SW/BP01SD	ECOENV	1-Apr-98	Manganese, total	33300	33300	
BP	SMI	16-May-99	Manganese, total	35000	35000	J
BP	SMI	19-Apr-99	Manganese, total	35400	35400	
BP02SW/BP02SD	ECOENV	1-Apr-98	Manganese, total	36800	36800	
BP	SMI	11-Mar-99	Mercury, total	0.2	0.2	J
BP	SMI	8-Dec-98	Mercury, total	0.2	ND	U
BP	SMI	14-Jan-99	Mercury, total	0.2	ND	U
BP	SMI	19-Apr-99	Mercury, total	0.2	ND	U
BP	SMI	16-May-99	Mercury, total	0.2	ND	U
BP01SW/BP01SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BP	SMI	8-Dec-98	Nickel, total	110	110	
BP	SMI	14-Jan-99	Nickel, total	140	140	
BP	SMI	11-Mar-99	Nickel, total	730	730	
BP	SMI	16-May-99	Nickel, total	990	990	
BP	SMI	19-Apr-99	Nickel, total	1050	1050	
BP01SW/BP01SD	ECOENV	1-Apr-98	Nickel, total	1160	1160	
BP02SW/BP02SD	ECOENV	1-Apr-98	Nickel, total	1260	1260	
BP	SMI	8-Dec-98	Selenium, total	1	1	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BP	SMI	11-Mar-99	Selenium, total	1	1	J
BP	SMI	19-Apr-99	Selenium, total	1	1	J
BP01SW/BP01SD	ECOENV	1-Apr-98	Selenium, total	21.4	21.4	
BP02SW/BP02SD	ECOENV	1-Apr-98	Selenium, total	27.2	27.2	
BP	SMI	14-Jan-99	Selenium, total	1	ND	U
BP	SMI	16-May-99	Selenium, total	1	ND	U
BP	SMI	8-Dec-98	Silver, total	10	ND	U
BP	SMI	14-Jan-99	Silver, total	5	ND	U
BP	SMI	11-Mar-99	Silver, total	10	ND	U
BP	SMI	19-Apr-99	Silver, total	10	ND	U
BP	SMI	16-May-99	Silver, total	10	ND	U
BP01SW/BP01SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BP	SMI	8-Dec-98	Thallium, total	0.5	ND	U
BP	SMI	14-Jan-99	Thallium, total	0.2	ND	U
BP	SMI	11-Mar-99	Thallium, total	0.5	ND	U
BP	SMI	19-Apr-99	Thallium, total	0.5	ND	U
BP	SMI	16-May-99	Thallium, total	1	ND	U
BP01SW/BP01SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BP01SW/BP01SD	ECOENV	1-Apr-98	Uranium, total	8050	8050	
BP02SW/BP02SD	ECOENV	1-Apr-98	Uranium, total	8170	8170	
BP01SW/BP01SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
BP	SMI	14-Jan-99	Zinc, total	130	130	
BP	SMI	8-Dec-98	Zinc, total	210	210	
BP	SMI	11-Mar-99	Zinc, total	590	590	J
BP	SMI	19-Apr-99	Zinc, total	820	820	
BP	SMI	16-May-99	Zinc, total	900	900	
BP01SW/BP01SD	ECOENV	1-Apr-98	Zinc, total	1160	1160	
BP02SW/BP02SD	ECOENV	1-Apr-98	Zinc, total	1330	1330	
Central Drainage						
SDCD-02/SW-12	SMI	19-May-99	Aluminum, total	830	830	J
SDCD-02/SW-12	SMI	13-Jun-99	Aluminum, total	940	940	J
SDCD-02/SW-12	SMI	11-Mar-99	Aluminum, total	1250	1250	
SDCD-02/SW-12	SMI	22-Apr-99	Aluminum, total	1260	1260	
SDCD-02/SW-12	URS	12-Sep-99	Aluminum, total	1320	1320	
SDCD-02/SW-12	SMI	3-Feb-00	Aluminum, total	1330	1330	
SDCD-02/SW-12	SMI	9-Dec-99	Aluminum, total	1360	1360	
SDCD-02/SW-12	SMI	12-Jan-99	Aluminum, total	1380	1380	J
SDCD-02/SW-12	SMI	16-Oct-98	Aluminum, total	1390	1390	
SDCD-02/SW-12	SMI	7-Jan-00	Aluminum, total	1460	1460	
SDCD-02/SW-12	SMI	10-Nov-98	Aluminum, total	1490	1490	
SDCD-02/SW-12	URS	8-Apr-00	Aluminum, total	1630	1630	
SDCD-02/SW-12	SMI	17-Feb-99	Aluminum, total	1650	1650	
SDCD-02/SW-12	SMI	8-Dec-98	Aluminum, total	1660	1660	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	17-Feb-99	Aluminum, total	1680	1680	
SDCD-02/SW-12	SMI	6-Aug-99	Aluminum, total	1720	1720	
SDCD-02/SW-12	URS	12-Sep-99	Antimony, total	2.2	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Antimony, total	0.5	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Antimony, total	2.7	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Arsenic, total	0.67	0.67	
SDCD-02/SW-12	URS	8-Apr-00	Arsenic, total	0.7	0.7	
SDCD-02/SW-12	SMI	16-Oct-98	Arsenic, total	5	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Arsenic, total	10	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Arsenic, total	10	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Arsenic, total	20	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Arsenic, total	5	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Arsenic, total	5	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Arsenic, total	2	ND	U
SDCD-02/SW-12	SMI	19-May-99	Arsenic, total	5	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Arsenic, total	3	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Arsenic, total	3	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Arsenic, total	1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Arsenic, total	1	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Arsenic, total	10	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Arsenic, total	5	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Barium, total	2.1	2.1	J
SDCD-02/SW-12	SMI	13-Jun-99	Barium, total	10.4	10.4	J
SDCD-02/SW-12	SMI	12-Jan-99	Barium, total	12	12	
SDCD-02/SW-12	SMI	17-Feb-99	Barium, total	12	12	
SDCD-02/SW-12	SMI	17-Feb-99	Barium, total	12	12	
SDCD-02/SW-12	SMI	22-Apr-99	Barium, total	12.1	12.1	
SDCD-02/SW-12	SMI	3-Feb-00	Barium, total	12.5	12.5	
SDCD-02/SW-12	SMI	9-Dec-99	Barium, total	12.7	12.7	
SDCD-02/SW-12	SMI	19-May-99	Barium, total	13	13	
SDCD-02/SW-12	URS	8-Apr-00	Barium, total	13.5	13.5	J
SDCD-02/SW-12	SMI	16-Oct-98	Barium, total	14	14	
SDCD-02/SW-12	SMI	10-Nov-98	Barium, total	14	14	
SDCD-02/SW-12	SMI	8-Dec-98	Barium, total	14	14	
SDCD-02/SW-12	URS	12-Sep-99	Barium, total	14.7	14.7	J
SDCD-02/SW-12	SMI	11-Mar-99	Barium, total	16	16	J
SDCD-02/SW-12	SMI	6-Aug-99	Barium, total	16.5	16.5	
SDCD-02/SW-12	URS	8-Apr-00	Beryllium, total	2.8	2.8	
SDCD-02/SW-12	SMI	6-Aug-99	Beryllium, total	3	3	J
SDCD-02/SW-12	SMI	9-Dec-99	Beryllium, total	3	3	J
SDCD-02/SW-12	URS	12-Sep-99	Beryllium, total	3.2	3.2	
SDCD-02/SW-12	SMI	16-Oct-98	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Beryllium, total	4	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	11-Mar-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	19-May-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Beryllium, total	4	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Cadmium, total	8.9	8.9	J
SDCD-02/SW-12	SMI	11-Mar-99	Cadmium, total	26	26	
SDCD-02/SW-12	SMI	22-Apr-99	Cadmium, total	27.1	27.1	
SDCD-02/SW-12	URS	8-Apr-00	Cadmium, total	29.6	29.6	
SDCD-02/SW-12	SMI	19-May-99	Cadmium, total	31	31	J
SDCD-02/SW-12	SMI	13-Jun-99	Cadmium, total	38.7	38.7	
SDCD-02/SW-12	SMI	3-Feb-00	Cadmium, total	39	39	J
SDCD-02/SW-12	SMI	6-Aug-99	Cadmium, total	42.6	42.6	
SDCD-02/SW-12	SMI	9-Dec-99	Cadmium, total	43.3	43.3	
SDCD-02/SW-12	URS	12-Sep-99	Cadmium, total	44.9	44.9	
SDCD-02/SW-12	SMI	16-Oct-98	Cadmium, total	45	45	J
SDCD-02/SW-12	SMI	17-Feb-99	Cadmium, total	48	48	
SDCD-02/SW-12	SMI	29-Apr-98	Cadmium, total	49	49	
SDCD-02/SW-12	SMI	8-Dec-98	Cadmium, total	49	49	
SDCD-02/SW-12	SMI	17-Feb-99	Cadmium, total	49	49	
SDCD-02/SW-12	SMI	12-Jan-99	Cadmium, total	51	51	
SDCD-02/SW-12	SMI	10-Nov-98	Cadmium, total	53	53	
SDCD-02/SW-12	SMI	9-Dec-99	Chromium, total	0.2	0.2	J
SDCD-02/SW-12	SMI	13-Jun-99	Chromium, total	0.6	0.6	J
SDCD-02/SW-12	URS	12-Sep-99	Chromium, total	8.1	8.1	
SDCD-02/SW-12	SMI	16-Oct-98	Chromium, total	1	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Chromium, total	2	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Chromium, total	200	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Chromium, total	1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Chromium, total	1	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Chromium, total	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Chromium, total	0.4	ND	U
SDCD-02/SW-12	SMI	19-May-99	Chromium, total	1	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Chromium, total	3	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Chromium, total	0.2	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Chromium, total	0.2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Chromium, total	1.1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Chromium, total	2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Cobalt, total	41.3	41.3	J
SDCD-02/SW-12	URS	12-Sep-99	Cobalt, total	53.4	53.4	
SDCD-02/SW-12	SMI	9-Dec-99	Cobalt, total	60	60	
SDCD-02/SW-12	URS	12-Sep-99	Copper, total	1.4	1.4	J
SDCD-02/SW-12	URS	8-Apr-00	Copper, total	3.2	3.2	J
SDCD-02/SW-12	SMI	13-Jun-99	Copper, total	5	5	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	12-Jan-99	Copper, total	7	7	J
SDCD-02/SW-12	SMI	19-May-99	Copper, total	8	8	J
SDCD-02/SW-12	SMI	9-Dec-99	Copper, total	8	8	
SDCD-02/SW-12	SMI	7-Jan-00	Copper, total	9	9	J
SDCD-02/SW-12	SMI	29-Apr-98	Copper, total	20	20	
SDCD-02/SW-12	SMI	11-Mar-99	Copper, total	24	24	J
SDCD-02/SW-12	SMI	17-Feb-99	Copper, total	32	32	
SDCD-02/SW-12	SMI	17-Feb-99	Copper, total	32	32	
SDCD-02/SW-12	SMI	3-Feb-00	Copper, total	40	40	J
SDCD-02/SW-12	SMI	16-Oct-98	Copper, total	42	42	J
SDCD-02/SW-12	SMI	10-Nov-98	Copper, total	50	50	
SDCD-02/SW-12	SMI	6-Aug-99	Copper, total	80	80	J
SDCD-02/SW-12	SMI	8-Dec-98	Copper, total	1000	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Copper, total	5	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Iron, total	10	10	J
SDCD-02/SW-12	SMI	3-Feb-00	Iron, total	10	10	J
SDCD-02/SW-12	SMI	16-Oct-98	Iron, total	20	20	J
SDCD-02/SW-12	SMI	22-Apr-99	Iron, total	20	20	J
SDCD-02/SW-12	SMI	7-Jan-00	Iron, total	20	20	J
SDCD-02/SW-12	SMI	10-Nov-98	Iron, total	40	40	J
SDCD-02/SW-12	SMI	8-Dec-98	Iron, total	60	60	J
SDCD-02/SW-12	SMI	13-Jun-99	Iron, total	70	70	J
SDCD-02/SW-12	URS	8-Apr-00	Iron, total	72	72	J
SDCD-02/SW-12	SMI	19-May-99	Iron, total	100	100	
SDCD-02/SW-12	SMI	6-Aug-99	Iron, total	450	450	
SDCD-02/SW-12	SMI	12-Jan-99	Iron, total	20	ND	UJ
SDCD-02/SW-12	SMI	17-Feb-99	Iron, total	20	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Iron, total	20	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Iron, total	8.4	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Iron, total	20	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Lead, total	2	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Lead, total	2	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Lead, total	0.4	ND	U
SDCD-02/SW-12	SMI	19-May-99	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Lead, total	0.5	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Lead, total	0.5	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Lead, total	1	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Lead, total	0.2	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Lead, total	0.2	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Lead, total	0.2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Lead, total	0.9	ND	UJ
SDCD-02/SW-12	SMI	17-Feb-99	Lead, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	URS	8-Apr-00	Magnesium, total	189000	189000	
SDCD-02/SW-12	URS	12-Sep-99	Magnesium, total	268000	268000	
SDCD-02/SW-12	SMI	11-Mar-99	Manganese, total	40100	40100	
SDCD-02/SW-12	URS	8-Apr-00	Manganese, total	42500	42500	
SDCD-02/SW-12	SMI	22-Apr-99	Manganese, total	49500	49500	
SDCD-02/SW-12	SMI	19-May-99	Manganese, total	60400	60400	J
SDCD-02/SW-12	SMI	6-Aug-99	Manganese, total	64100	64100	
SDCD-02/SW-12	SMI	13-Jun-99	Manganese, total	67900	67900	
SDCD-02/SW-12	URS	12-Sep-99	Manganese, total	69500	69500	
SDCD-02/SW-12	SMI	9-Dec-99	Manganese, total	73100	73100	
SDCD-02/SW-12	SMI	7-Jan-00	Manganese, total	75200	75200	
SDCD-02/SW-12	SMI	3-Feb-00	Manganese, total	75800	75800	
SDCD-02/SW-12	SMI	29-Apr-98	Manganese, total	78000	78000	
SDCD-02/SW-12	SMI	16-Oct-98	Manganese, total	82600	82600	
SDCD-02/SW-12	SMI	10-Nov-98	Manganese, total	84100	84100	
SDCD-02/SW-12	SMI	17-Feb-99	Manganese, total	86600	86600	
SDCD-02/SW-12	SMI	17-Feb-99	Manganese, total	87400	87400	
SDCD-02/SW-12	SMI	8-Dec-98	Manganese, total	87900	87900	
SDCD-02/SW-12	SMI	12-Jan-99	Manganese, total	91200	91200	J
SDCD-02/SW-12	SMI	9-Dec-99	Mercury, total	0.2	0.2	J
SDCD-02/SW-12	SMI	16-Oct-98	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	19-May-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Mercury, total	0.1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Mercury, total	0.2	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Mercury, total	0.1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Mercury, total	0.2	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Nickel, total	790	790	
SDCD-02/SW-12	SMI	13-Jun-99	Nickel, total	810	810	J
SDCD-02/SW-12	SMI	22-Apr-99	Nickel, total	840	840	
SDCD-02/SW-12	URS	8-Apr-00	Nickel, total	853	853	
SDCD-02/SW-12	SMI	19-May-99	Nickel, total	880	880	J
SDCD-02/SW-12	SMI	6-Aug-99	Nickel, total	1030	1030	
SDCD-02/SW-12	SMI	12-Jan-99	Nickel, total	1140	1140	J
SDCD-02/SW-12	SMI	9-Dec-99	Nickel, total	1160	1160	
SDCD-02/SW-12	SMI	3-Feb-00	Nickel, total	1160	1160	
SDCD-02/SW-12	URS	12-Sep-99	Nickel, total	1190	1190	
SDCD-02/SW-12	SMI	7-Jan-00	Nickel, total	1230	1230	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	16-Oct-98	Nickel, total	1240	1240	
SDCD-02/SW-12	SMI	10-Nov-98	Nickel, total	1270	1270	
SDCD-02/SW-12	SMI	8-Dec-98	Nickel, total	1330	1330	
SDCD-02/SW-12	SMI	17-Feb-99	Nickel, total	1350	1350	
SDCD-02/SW-12	SMI	17-Feb-99	Nickel, total	1380	1380	
SDCD-02/SW-12	SMI	16-Oct-98	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	19-May-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Selenium, total	1	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Selenium, total	2	ND	UJ
SDCD-02/SW-12	SMI	9-Dec-99	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Selenium, total	1	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Selenium, total	1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Selenium, total	1.3	ND	UJ
SDCD-02/SW-12	SMI	17-Feb-99	Selenium, total	1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Silver, total	2.1	2.1	
SDCD-02/SW-12	SMI	9-Dec-99	Silver, total	5	5	J
SDCD-02/SW-12	SMI	10-Nov-98	Silver, total	10	10	J
SDCD-02/SW-12	SMI	16-Oct-98	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	19-May-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	6-Aug-99	Silver, total	5	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Silver, total	0.7	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Silver, total	10	ND	U
SDCD-02/SW-12	SMI	16-Oct-98	Thallium, total	0.5	ND	U
SDCD-02/SW-12	SMI	10-Nov-98	Thallium, total	1	ND	U
SDCD-02/SW-12	SMI	8-Dec-98	Thallium, total	1	ND	U
SDCD-02/SW-12	SMI	12-Jan-99	Thallium, total	0.5	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Thallium, total	0.5	ND	U
SDCD-02/SW-12	SMI	11-Mar-99	Thallium, total	0.5	ND	U
SDCD-02/SW-12	SMI	22-Apr-99	Thallium, total	0.2	ND	U
SDCD-02/SW-12	SMI	19-May-99	Thallium, total	0.5	ND	U
SDCD-02/SW-12	SMI	13-Jun-99	Thallium, total	0.3	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDCD-02/SW-12	SMI	6-Aug-99	Thallium, total	0.3	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Thallium, total	1.1	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Thallium, total	0.1	ND	U
SDCD-02/SW-12	SMI	7-Jan-00	Thallium, total	0.1	ND	U
SDCD-02/SW-12	SMI	3-Feb-00	Thallium, total	0.1	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Thallium, total	1.2	ND	U
SDCD-02/SW-12	SMI	17-Feb-99	Thallium, total	0.5	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Vanadium, total	0.51	0.51	J
SDCD-02/SW-12	SMI	9-Dec-99	Vanadium, total	10	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Vanadium, total	1	ND	U
SDCD-02/SW-12	SMI	19-May-99	Zinc, total	710	710	
SDCD-02/SW-12	SMI	11-Mar-99	Zinc, total	720	720	
SDCD-02/SW-12	URS	8-Apr-00	Zinc, total	753	753	
SDCD-02/SW-12	SMI	22-Apr-99	Zinc, total	800	800	
SDCD-02/SW-12	SMI	16-Oct-98	Zinc, total	900	900	
SDCD-02/SW-12	SMI	6-Aug-99	Zinc, total	1000	1000	
SDCD-02/SW-12	SMI	13-Jun-99	Zinc, total	1010	1010	
SDCD-02/SW-12	URS	12-Sep-99	Zinc, total	1110	1110	
SDCD-02/SW-12	SMI	3-Feb-00	Zinc, total	1160	1160	
SDCD-02/SW-12	SMI	9-Dec-99	Zinc, total	1180	1180	
SDCD-02/SW-12	SMI	29-Apr-98	Zinc, total	1200	1200	
SDCD-02/SW-12	SMI	10-Nov-98	Zinc, total	1240	1240	
SDCD-02/SW-12	SMI	7-Jan-00	Zinc, total	1260	1260	
SDCD-02/SW-12	SMI	8-Dec-98	Zinc, total	1280	1280	
SDCD-02/SW-12	SMI	12-Jan-99	Zinc, total	1390	1390	
SDCD-02/SW-12	SMI	17-Feb-99	Zinc, total	3000	3000	J
SDCD-02/SW-12	SMI	17-Feb-99	Zinc, total	2000	ND	U
Far Western Drainage						
SDFW-01/SWFW-01	URS	11-Apr-00	Aluminum, total	1620	1620	
SDFW-01/SWFW-01	URS	11-Apr-00	Antimony, total	2.7	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Arsenic, total	1.5	1.5	
SDFW-01/SWFW-01	URS	11-Apr-00	Barium, total	53.4	53.4	J
SDFW-01/SWFW-01	URS	11-Apr-00	Beryllium, total	0.17	0.17	J
SDFW-01/SWFW-01	URS	11-Apr-00	Cadmium, total	0.5	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Chromium, total	1.1	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Cobalt, total	1.2	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Copper, total	0.9	0.9	J
SDFW-01/SWFW-01	URS	11-Apr-00	Iron, total	1310	1310	
SDFW-01/SWFW-01	URS	11-Apr-00	Lead, total	1.8	1.8	J
SDFW-01/SWFW-01	URS	11-Apr-00	Magnesium, total	4090	4090	
SDFW-01/SWFW-01	URS	11-Apr-00	Manganese, total	21.1	21.1	
SDFW-01/SWFW-01	URS	11-Apr-00	Mercury, total	0.1	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Nickel, total	2.2	2.2	J
SDFW-01/SWFW-01	URS	11-Apr-00	Selenium, total	1.3	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Silver, total	0.8	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Thallium, total	1.2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SDFW-01/SWFW-01	URS	11-Apr-00	Vanadium, total	4.5	4.5	J
SDFW-01/SWFW-01	URS	11-Apr-00	Zinc, total	5.8	5.8	J
Lower Blue Creek						
BC04SW/BC04SD	URS	28-Sep-99	Aluminum, total	150	150	
BC01SW/BC01SD	ECOENV	1-Apr-98	Aluminum, total	866	866	
BC03SW/BC03SD	ECOENV	1-Apr-98	Aluminum, total	979	979	
BC04SW/BC04SD	ECOENV	1-Apr-98	Aluminum, total	1070	1070	
BC02SW/BC02SD	ECOENV	1-Apr-98	Aluminum, total	1170	1170	
BC01SW/BC01SD	URS	4-Apr-00	Aluminum, total	3900	3900	J
BC01SW/BC01SD	URS	4-Apr-00	Aluminum, total	3900	3900	J
BC04SW/BC04SD	URS	4-Apr-00	Aluminum, total	3980	3980	J
BC01SW/BC01SD	URS	28-Sep-99	Aluminum, total	63.6	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Antimony, total	5.5	5.5	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Antimony, total	8.6	8.6	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Antimony, total	2.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Antimony, total	2.7	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Antimony, total	2.7	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Antimony, total	2.2	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Antimony, total	2.7	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Arsenic, total	0.77	0.77	J
BC04SW/BC04SD	URS	28-Sep-99	Arsenic, total	0.78	0.78	J
BC01SW/BC01SD	URS	4-Apr-00	Arsenic, total	1.8	1.8	
BC01SW/BC01SD	URS	4-Apr-00	Arsenic, total	1.9	1.9	
BC04SW/BC04SD	URS	4-Apr-00	Arsenic, total	1.9	1.9	
BC01SW/BC01SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Barium, total	32.4	32.4	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Barium, total	32.9	32.9	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Barium, total	34.1	34.1	J
BC03SW/BC03SD	ECOENV	1-Apr-98	Barium, total	34.6	34.6	J
BC01SW/BC01SD	URS	4-Apr-00	Barium, total	37.8	37.8	J
BC04SW/BC04SD	URS	4-Apr-00	Barium, total	39.2	39.2	J
BC01SW/BC01SD	URS	4-Apr-00	Barium, total	40.3	40.3	J
BC04SW/BC04SD	URS	28-Sep-99	Barium, total	56.2	56.2	J
BC01SW/BC01SD	URS	28-Sep-99	Barium, total	61.6	61.6	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Beryllium, total	0.1	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Beryllium, total	0.41	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Beryllium, total	0.37	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC04SW/BC04SD	URS	28-Sep-99	Beryllium, total	0.1	ND	UJ
BC04SW/BC04SD	URS	4-Apr-00	Beryllium, total	0.43	ND	U
BC01SW/BC01SD	ECOENV	1-Apr-98	Cadmium, total	1.5	1.5	J
BC03SW/BC03SD	ECOENV	1-Apr-98	Cadmium, total	1.7	1.7	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Cadmium, total	1.7	1.7	J
BC02SW/BC02SD	ECOENV	1-Apr-98	Cadmium, total	1.8	1.8	J
BC01SW/BC01SD	URS	28-Sep-99	Cadmium, total	0.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cadmium, total	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cadmium, total	0.5	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Cadmium, total	0.2	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Cadmium, total	0.5	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Chromium, total	2.2	2.2	J
BC01SW/BC01SD	URS	4-Apr-00	Chromium, total	2.4	2.4	J
BC04SW/BC04SD	URS	4-Apr-00	Chromium, total	2.7	2.7	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Chromium, total	3.2	3.2	J
BC02SW/BC02SD	ECOENV	1-Apr-98	Chromium, total	6.8	6.8	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Chromium, total	11.7	11.7	
BC03SW/BC03SD	ECOENV	1-Apr-98	Chromium, total	13	13	
BC01SW/BC01SD	URS	28-Sep-99	Chromium, total	0.4	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Chromium, total	0.4	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Cobalt, total	0.51	0.51	J
BC01SW/BC01SD	URS	4-Apr-00	Cobalt, total	2	2	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Cobalt, total	1.2	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Cobalt, total	0.5	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Cobalt, total	1.2	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Copper, total	2.3	2.3	J
BC01SW/BC01SD	URS	4-Apr-00	Copper, total	2.6	2.6	J
BC04SW/BC04SD	URS	4-Apr-00	Copper, total	2.9	2.9	J
BC03SW/BC03SD	ECOENV	1-Apr-98	Copper, total	5.4	5.4	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Copper, total	8	8	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Copper, total	10.5	10.5	J
BC02SW/BC02SD	ECOENV	1-Apr-98	Copper, total	14.1	14.1	J
BC01SW/BC01SD	URS	28-Sep-99	Copper, total	0.5	ND	UJ
BC04SW/BC04SD	URS	28-Sep-99	Copper, total	0.5	ND	UJ
BC04SW/BC04SD	URS	28-Sep-99	Iron, total	37.5	37.5	J
BC01SW/BC01SD	URS	28-Sep-99	Iron, total	54.4	54.4	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Iron, total	383	383	
BC02SW/BC02SD	ECOENV	1-Apr-98	Iron, total	493	493	
BC04SW/BC04SD	ECOENV	1-Apr-98	Iron, total	691	691	
BC03SW/BC03SD	ECOENV	1-Apr-98	Iron, total	700	700	
BC01SW/BC01SD	URS	4-Apr-00	Iron, total	2750	2750	J
BC01SW/BC01SD	URS	4-Apr-00	Iron, total	2810	2810	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC04SW/BC04SD	URS	4-Apr-00	Iron, total	2870	2870	J
BC04SW/BC04SD	URS	4-Apr-00	Lead, total	1.9	1.9	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Lead, total	2.5	2.5	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Lead, total	1	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Lead, total	0.9	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Lead, total	2	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Lead, total	1	ND	UJ
BC04SW/BC04SD	URS	4-Apr-00	Magnesium, total	4790	4790	
BC01SW/BC01SD	URS	4-Apr-00	Magnesium, total	4820	4820	
BC01SW/BC01SD	URS	4-Apr-00	Magnesium, total	4860	4860	
BC02SW/BC02SD	ECOENV	1-Apr-98	Magnesium, total	22500	22500	
BC04SW/BC04SD	ECOENV	1-Apr-98	Magnesium, total	22600	22600	
BC03SW/BC03SD	ECOENV	1-Apr-98	Magnesium, total	22700	22700	
BC01SW/BC01SD	ECOENV	1-Apr-98	Magnesium, total	23100	23100	
BC01SW/BC01SD	URS	28-Sep-99	Magnesium, total	78400	78400	
BC04SW/BC04SD	URS	28-Sep-99	Magnesium, total	79100	79100	
BC04SW/BC04SD	URS	28-Sep-99	Manganese, total	26.2	26.2	
BC01SW/BC01SD	URS	28-Sep-99	Manganese, total	29.2	29.2	
BC01SW/BC01SD	ECOENV	1-Apr-98	Manganese, total	57.5	57.5	
BC02SW/BC02SD	ECOENV	1-Apr-98	Manganese, total	60	60	
BC01SW/BC01SD	URS	4-Apr-00	Manganese, total	70.3	70.3	
BC01SW/BC01SD	URS	4-Apr-00	Manganese, total	72.1	72.1	
BC04SW/BC04SD	ECOENV	1-Apr-98	Manganese, total	78	78	
BC04SW/BC04SD	URS	4-Apr-00	Manganese, total	80	80	
BC03SW/BC03SD	ECOENV	1-Apr-98	Manganese, total	90.3	90.3	
BC04SW/BC04SD	ECOENV	1-Apr-98	Mercury, total	0.21	0.21	
BC01SW/BC01SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Mercury, total	0.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Mercury, total	0.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Mercury, total	0.1	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Mercury, total	0.1	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Mercury, total	0.1	ND	U
BC01SW/BC01SD	ECOENV	1-Apr-98	Nickel, total	2.2	2.2	J
BC02SW/BC02SD	ECOENV	1-Apr-98	Nickel, total	4	4	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Nickel, total	7.8	7.8	J
BC03SW/BC03SD	ECOENV	1-Apr-98	Nickel, total	8.3	8.3	J
BC01SW/BC01SD	URS	28-Sep-99	Nickel, total	7.3	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Nickel, total	3.9	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Nickel, total	4.1	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Nickel, total	4.4	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Nickel, total	2.8	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC01SW/BC01SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Selenium, total	1	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Selenium, total	1.3	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Selenium, total	1.3	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Selenium, total	1	ND	UJ
BC04SW/BC04SD	URS	4-Apr-00	Selenium, total	1.3	ND	U
BC01SW/BC01SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Silver, total	0.7	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Silver, total	0.8	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Silver, total	0.8	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Silver, total	0.7	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Silver, total	0.8	ND	U
BC01SW/BC01SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Thallium, total	1.1	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Thallium, total	1.2	ND	UJ
BC01SW/BC01SD	URS	4-Apr-00	Thallium, total	1.2	ND	UJ
BC02SW/BC02SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Thallium, total	1.1	ND	UJ
BC04SW/BC04SD	URS	4-Apr-00	Thallium, total	1.2	ND	UJ
BC03SW/BC03SD	ECOENV	1-Apr-98	Uranium, total	14.1	14.1	
BC02SW/BC02SD	ECOENV	1-Apr-98	Uranium, total	15.6	15.6	
BC04SW/BC04SD	ECOENV	1-Apr-98	Uranium, total	16.5	16.5	
BC01SW/BC01SD	ECOENV	1-Apr-98	Uranium, total	17.4	17.4	
BC01SW/BC01SD	URS	4-Apr-00	Vanadium, total	4.5	4.5	J
BC01SW/BC01SD	URS	4-Apr-00	Vanadium, total	4.6	4.6	J
BC04SW/BC04SD	URS	4-Apr-00	Vanadium, total	4.8	4.8	J
BC01SW/BC01SD	ECOENV	1-Apr-98	Vanadium, total	2.1	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Vanadium, total	0.5	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Vanadium, total	2.2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Vanadium, total	1.9	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Vanadium, total	2.1	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Vanadium, total	0.5	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Zinc, total	1.7	1.7	J
BC04SW/BC04SD	URS	28-Sep-99	Zinc, total	2.6	2.6	J
BC01SW/BC01SD	URS	4-Apr-00	Zinc, total	7.2	7.2	J
BC04SW/BC04SD	URS	4-Apr-00	Zinc, total	7.7	7.7	J
BC01SW/BC01SD	URS	4-Apr-00	Zinc, total	8.9	8.9	J
BC04SW/BC04SD	ECOENV	1-Apr-98	Zinc, total	36.5	36.5	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC02SW/BC02SD	ECOENV	1-Apr-98	Zinc, total	44.2	44.2	
BC03SW/BC03SD	ECOENV	1-Apr-98	Zinc, total	45.5	45.5	
BC01SW/BC01SD	ECOENV	1-Apr-98	Zinc, total	52.2	52.2	
Lower Eastern Drainage						
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Aluminum, total	70	70	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Aluminum, total	90	90	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Aluminum, total	120	120	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Aluminum, total	134	134	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Aluminum, total	140	140	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Aluminum, total	140	140	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Aluminum, total	149	149	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Aluminum, total	206	206	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Aluminum, total	220	220	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Aluminum, total	520	520	
ED02SW/ED02SD	ECOENV	1-Apr-98	Aluminum, total	527	527	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Aluminum, total	1180	1180	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Aluminum, total	141	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Aluminum, total	60	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Aluminum, total	60	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Antimony, total	2.2	2.2	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Antimony, total	5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Antimony, total	2.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Antimony, total	2.2	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Antimony, total	2.7	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Arsenic, total	1.1	1.1	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Arsenic, total	1.3	1.3	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Arsenic, total	1.9	1.9	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Arsenic, total	1.9	1.9	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Arsenic, total	2	2	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Arsenic, total	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Arsenic, total	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Arsenic, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Arsenic, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Arsenic, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Arsenic, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Arsenic, total	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Arsenic, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Barium, total	16.6	16.6	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Barium, total	18.2	18.2	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Barium, total	20.9	20.9	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Barium, total	21.8	21.8	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Barium, total	24	24	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Barium, total	26.4	26.4	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Barium, total	48.8	48.8	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Barium, total	50	50	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Barium, total	54	54	
ED02SW/ED02SD	ECOENV	1-Apr-98	Barium, total	56.8	56.8	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Barium, total	61.9	61.9	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Barium, total	62.1	62.1	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Barium, total	64.7	64.7	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Barium, total	67	67	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Barium, total	77	77	
ED02SW/ED02SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Beryllium, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Beryllium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Beryllium, total	2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Beryllium, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Beryllium, total	0.63	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Beryllium, total	0.44	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Beryllium, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cadmium, total	0.21	0.21	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Cadmium, total	0.3	0.3	J
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Cadmium, total	1.9	1.9	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Cadmium, total	2	2	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Cadmium, total	2.1	2.1	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Cadmium, total	2.4	2.4	J
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Cadmium, total	2.4	2.4	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Cadmium, total	2.4	2.4	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Cadmium, total	2.6	2.6	
ED02SW/ED02SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Cadmium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Cadmium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Cadmium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Cadmium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Cadmium, total	2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cadmium, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Chromium, total	0.4	0.4	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Chromium, total	0.5	0.5	J
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Chromium, total	1	1	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Chromium, total	1.6	1.6	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Chromium, total	2	2	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Chromium, total	2	2	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Chromium, total	2	2	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Chromium, total	2.1	2.1	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Chromium, total	3	3	J
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Chromium, total	7.3	7.3	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Chromium, total	0.6	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Chromium, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Chromium, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Chromium, total	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Chromium, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cobalt, total	1.4	1.4	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Cobalt, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Cobalt, total	1.3	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Cobalt, total	1.2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Copper, total	2.7	2.7	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Copper, total	3	3	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Copper, total	3	3	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Copper, total	5.4	5.4	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Copper, total	9	9	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Copper, total	10	10	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Copper, total	10	10	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Copper, total	11	11	
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Copper, total	20	20	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Copper, total	40	40	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Copper, total	47	47	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Copper, total	8	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Copper, total	0.5	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Copper, total	1.3	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Copper, total	1.7	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Copper, total	0.5	ND	UJ
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Iron, total	20	20	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Iron, total	40	40	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Iron, total	50	50	J
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Iron, total	50	50	J
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Iron, total	50	50	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Iron, total	50	50	J
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Iron, total	80	80	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Iron, total	83.4	83.4	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Iron, total	140	140	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Iron, total	270	270	
ED02SW/ED02SD	ECOENV	1-Apr-98	Iron, total	289	289	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Iron, total	618	618	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Iron, total	34.7	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Iron, total	17.6	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Iron, total	18.3	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Lead, total	2	2	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Lead, total	2.1	2.1	J
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Lead, total	2.7	2.7	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Lead, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Lead, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Lead, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Lead, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Lead, total	0.4	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Lead, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Lead, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Lead, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Lead, total	1	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Lead, total	1	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Lead, total	0.9	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Lead, total	1	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Magnesium, total	63200	63200	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Magnesium, total	77100	77100	
ED02SW/ED02SD	ECOENV	1-Apr-98	Magnesium, total	91900	91900	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Magnesium, total	95800	95800	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Magnesium, total	99000	99000	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Magnesium, total	99700	99700	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Manganese, total	364	364	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Manganese, total	390	390	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Manganese, total	400	400	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Manganese, total	415	415	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Manganese, total	452	452	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Manganese, total	509	509	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Manganese, total	706	706	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Manganese, total	823	823	
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Manganese, total	880	880	
ED02SW/ED02SD	ECOENV	1-Apr-98	Manganese, total	1080	1080	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Manganese, total	2990	2990	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Manganese, total	3290	3290	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Manganese, total	4020	4020	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Manganese, total	4080	4080	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Manganese, total	4390	4390	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Manganese, total	4740	4740	
ED02SW/ED02SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Mercury, total	0.2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Mercury, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Mercury, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Mercury, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Mercury, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Mercury, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Nickel, total	9.1	9.1	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Nickel, total	9.8	9.8	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Nickel, total	20	20	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Nickel, total	20.8	20.8	J
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Nickel, total	21.2	21.2	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Nickel, total	84	84	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Nickel, total	86.1	86.1	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Nickel, total	100	100	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Nickel, total	100	100	J
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Nickel, total	110	110	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Nickel, total	110	110	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Nickel, total	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Nickel, total	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Nickel, total	20	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Nickel, total	10	ND	U
ED02SW/ED02SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Selenium, total	4	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Selenium, total	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Selenium, total	2	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Selenium, total	1	ND	UJ
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Selenium, total	1.3	ND	UJ
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Selenium, total	2	ND	UJ
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Silver, total	10	10	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Silver, total	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Silver, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Silver, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Silver, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Silver, total	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Silver, total	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Silver, total	5	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Silver, total	10	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Silver, total	5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Silver, total	0.7	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Silver, total	0.7	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Silver, total	0.8	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Silver, total	0.7	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thallium, total	1.3	1.3	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Thallium, total	6	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Thallium, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Thallium, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Thallium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Thallium, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Thallium, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Thallium, total	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Thallium, total	0.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thallium, total	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Thallium, total	1.1	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Thallium, total	1.2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Uranium, total	32.9	32.9	
ED02SW/ED02SD	ECOENV	1-Apr-98	Uranium, total	40.4	40.4	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Vanadium, total	0.58	0.58	J
ED02SW/ED02SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Vanadium, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Vanadium, total	1	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Vanadium, total	0.5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Zinc, total	7.7	7.7	J
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Zinc, total	8.6	8.6	J
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Zinc, total	13	13	
ED02SW/ED02SD	ECOENV	1-Apr-98	Zinc, total	16.3	16.3	J
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Zinc, total	20	20	J
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Zinc, total	20	20	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Zinc, total	40	40	J
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Zinc, total	40	40	J
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Zinc, total	45	45	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Zinc, total	48.3	48.3	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Zinc, total	50.6	50.6	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Zinc, total	79	79	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Zinc, total	81	81	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Zinc, total	96	96	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Zinc, total	100	100	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Zinc, total	100	100	J
Middle Blue Creek						
SW-7	SMI	13-Jan-99	Aluminum, total	50	50	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	9-Dec-98	Aluminum, total	70	70	J
SW-5	SMI	15-Oct-98	Aluminum, total	90	90	J
BC09SW/BC09SD	URS	29-Sep-99	Aluminum, total	98.9	98.9	
BC05SW/BC05SD	URS	29-Sep-99	Aluminum, total	242	242	
SW-5	SMI	9-Dec-98	Aluminum, total	370	370	
BC09SW/BC09SD	ECOENV	1-Apr-98	Aluminum, total	435	435	
SW-5	SMI	13-Jan-99	Aluminum, total	590	590	
SW-7	SMI	14-Jun-99	Aluminum, total	600	600	
SW-7	SMI	18-Feb-99	Aluminum, total	920	920	
SW-7	SMI	16-May-99	Aluminum, total	1040	1040	
SW-5	SMI	14-Jun-99	Aluminum, total	1160	1160	
BC07SW/BC07SD	ECOENV	1-Apr-98	Aluminum, total	1560	1560	
SW-5	SMI	18-Feb-99	Aluminum, total	1750	1750	
BC05SW/BC05SD	ECOENV	1-Apr-98	Aluminum, total	1880	1880	
BC06SW/BC06SD	ECOENV	1-Apr-98	Aluminum, total	1970	1970	
SW-5	SMI	16-May-99	Aluminum, total	2100	2100	
BC08SW/BC08SD	ECOENV	1-Apr-98	Aluminum, total	2690	2690	
SW-5	SMI	21-Apr-99	Aluminum, total	3420	3420	
SW-7	SMI	21-Apr-99	Aluminum, total	4350	4350	
BC05SW/BC05SD	URS	4-Apr-00	Aluminum, total	4770	4770	J
BC09SW/BC09SD	URS	5-Apr-00	Aluminum, total	5070	5070	J
SW-7	SMI	12-Mar-99	Aluminum, total	5820	5820	
SW-5	SMI	12-Mar-99	Aluminum, total	6740	6740	
SW-5	SMI	12-Nov-98	Aluminum, total	60	ND	U
SW-7	SMI	15-Oct-98	Aluminum, total	60	ND	U
SW-7	SMI	11-Nov-98	Aluminum, total	60	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Antimony, total	5.5	5.5	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Antimony, total	6.4	6.4	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Antimony, total	7.3	7.3	J
BC05SW/BC05SD	URS	29-Sep-99	Antimony, total	2.2	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Antimony, total	2.7	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Antimony, total	2.2	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Antimony, total	2.7	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Arsenic, total	0.73	0.73	J
SW-5	SMI	14-Jun-99	Arsenic, total	1	1	J
SW-7	SMI	14-Jun-99	Arsenic, total	1	1	J
BC09SW/BC09SD	URS	29-Sep-99	Arsenic, total	1.1	1.1	J
BC09SW/BC09SD	URS	5-Apr-00	Arsenic, total	1.7	1.7	
BC05SW/BC05SD	URS	4-Apr-00	Arsenic, total	1.8	1.8	
BC05SW/BC05SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-5	SMI	15-Oct-98	Arsenic, total	5	ND	U
SW-5	SMI	12-Nov-98	Arsenic, total	5	ND	U
SW-5	SMI	9-Dec-98	Arsenic, total	10	ND	U
SW-5	SMI	13-Jan-99	Arsenic, total	2	ND	U
SW-5	SMI	18-Feb-99	Arsenic, total	5	ND	U
SW-5	SMI	12-Mar-99	Arsenic, total	2	ND	U
SW-5	SMI	21-Apr-99	Arsenic, total	5	ND	U
SW-5	SMI	16-May-99	Arsenic, total	5	ND	U
SW-7	SMI	15-Oct-98	Arsenic, total	5	ND	U
SW-7	SMI	11-Nov-98	Arsenic, total	5	ND	U
SW-7	SMI	9-Dec-98	Arsenic, total	10	ND	U
SW-7	SMI	13-Jan-99	Arsenic, total	2	ND	U
SW-7	SMI	18-Feb-99	Arsenic, total	5	ND	U
SW-7	SMI	12-Mar-99	Arsenic, total	2	ND	U
SW-7	SMI	21-Apr-99	Arsenic, total	5	ND	U
SW-7	SMI	16-May-99	Arsenic, total	2	ND	U
SW-7	SMI	13-Jan-99	Barium, total	17.2	17.2	
SW-7	SMI	18-Feb-99	Barium, total	19	19	
SW-7	SMI	9-Dec-98	Barium, total	24	24	
SW-5	SMI	13-Jan-99	Barium, total	26.9	26.9	
SW-5	SMI	9-Dec-98	Barium, total	30	30	
SW-5	SMI	18-Feb-99	Barium, total	34	34	
SW-7	SMI	12-Mar-99	Barium, total	36.8	36.8	
BC05SW/BC05SD	ECOENV	1-Apr-98	Barium, total	40	40	J
BC05SW/BC05SD	URS	4-Apr-00	Barium, total	40	40	J
BC06SW/BC06SD	ECOENV	1-Apr-98	Barium, total	40.1	40.1	J
SW-5	SMI	12-Nov-98	Barium, total	43	43	J
SW-5	SMI	14-Jun-99	Barium, total	44.9	44.9	J
SW-5	SMI	16-May-99	Barium, total	45	45	
BC09SW/BC09SD	URS	5-Apr-00	Barium, total	45.1	45.1	J
BC08SW/BC08SD	ECOENV	1-Apr-98	Barium, total	46.1	46.1	J
SW-7	SMI	16-May-99	Barium, total	46.9	46.9	
SW-5	SMI	15-Oct-98	Barium, total	47	47	
SW-7	SMI	11-Nov-98	Barium, total	47	47	
BC07SW/BC07SD	ECOENV	1-Apr-98	Barium, total	47.8	47.8	J
SW-5	SMI	21-Apr-99	Barium, total	48	48	
BC09SW/BC09SD	URS	29-Sep-99	Barium, total	48.4	48.4	J
SW-5	SMI	12-Mar-99	Barium, total	49.2	49.2	
SW-7	SMI	21-Apr-99	Barium, total	50	50	
BC09SW/BC09SD	ECOENV	1-Apr-98	Barium, total	50.1	50.1	J
BC05SW/BC05SD	URS	29-Sep-99	Barium, total	51.9	51.9	J
SW-7	SMI	14-Jun-99	Barium, total	52.6	52.6	J
SW-7	SMI	15-Oct-98	Barium, total	54	54	
BC05SW/BC05SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Beryllium, total	0.1	ND	UJ
BC05SW/BC05SD	URS	4-Apr-00	Beryllium, total	0.42	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC06SW/BC06SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Beryllium, total	0.1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Beryllium, total	0.52	ND	U
SW-5	SMI	15-Oct-98	Beryllium, total	4	ND	U
SW-5	SMI	12-Nov-98	Beryllium, total	4	ND	U
SW-5	SMI	9-Dec-98	Beryllium, total	2	ND	U
SW-5	SMI	13-Jan-99	Beryllium, total	2	ND	U
SW-5	SMI	18-Feb-99	Beryllium, total	2	ND	U
SW-5	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-5	SMI	21-Apr-99	Beryllium, total	2	ND	U
SW-5	SMI	16-May-99	Beryllium, total	2	ND	U
SW-5	SMI	14-Jun-99	Beryllium, total	2	ND	U
SW-7	SMI	15-Oct-98	Beryllium, total	4	ND	U
SW-7	SMI	11-Nov-98	Beryllium, total	4	ND	U
SW-7	SMI	9-Dec-98	Beryllium, total	2	ND	U
SW-7	SMI	13-Jan-99	Beryllium, total	2	ND	U
SW-7	SMI	18-Feb-99	Beryllium, total	2	ND	U
SW-7	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-7	SMI	21-Apr-99	Beryllium, total	2	ND	U
SW-7	SMI	16-May-99	Beryllium, total	2	ND	U
SW-7	SMI	14-Jun-99	Beryllium, total	2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Cadmium, total	0.22	0.22	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Cadmium, total	1.6	1.6	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Cadmium, total	1.7	1.7	J
BC06SW/BC06SD	ECOENV	1-Apr-98	Cadmium, total	1.8	1.8	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Cadmium, total	1.8	1.8	J
BC08SW/BC08SD	ECOENV	1-Apr-98	Cadmium, total	2.4	2.4	J
BC05SW/BC05SD	URS	29-Sep-99	Cadmium, total	0.2	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Cadmium, total	0.5	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Cadmium, total	0.5	ND	U
SW-5	SMI	27-Apr-98	Cadmium, total	4	ND	U
SW-5	SMI	15-Oct-98	Cadmium, total	1	ND	U
SW-5	SMI	12-Nov-98	Cadmium, total	1	ND	U
SW-5	SMI	9-Dec-98	Cadmium, total	2	ND	U
SW-5	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-5	SMI	18-Feb-99	Cadmium, total	1	ND	U
SW-5	SMI	12-Mar-99	Cadmium, total	0.4	ND	U
SW-5	SMI	21-Apr-99	Cadmium, total	1	ND	U
SW-5	SMI	16-May-99	Cadmium, total	1	ND	U
SW-5	SMI	14-Jun-99	Cadmium, total	0.2	ND	U
SW-7	SMI	27-Apr-98	Cadmium, total	4	ND	U
SW-7	SMI	15-Oct-98	Cadmium, total	1	ND	U
SW-7	SMI	11-Nov-98	Cadmium, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	9-Dec-98	Cadmium, total	2	ND	U
SW-7	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-7	SMI	18-Feb-99	Cadmium, total	1	ND	U
SW-7	SMI	12-Mar-99	Cadmium, total	0.4	ND	U
SW-7	SMI	21-Apr-99	Cadmium, total	1	ND	U
SW-7	SMI	16-May-99	Cadmium, total	0.4	ND	U
SW-7	SMI	14-Jun-99	Cadmium, total	0.2	ND	U
SW-5	SMI	13-Jan-99	Chromium, total	0.5	0.5	J
SW-5	SMI	21-Apr-99	Chromium, total	1	1	J
SW-7	SMI	21-Apr-99	Chromium, total	1	1	J
SW-7	SMI	14-Jun-99	Chromium, total	1.2	1.2	
SW-7	SMI	16-May-99	Chromium, total	1.3	1.3	J
SW-5	SMI	14-Jun-99	Chromium, total	1.5	1.5	
BC08SW/BC08SD	ECOENV	1-Apr-98	Chromium, total	1.6	1.6	J
SW-5	SMI	15-Oct-98	Chromium, total	2	2	J
SW-5	SMI	12-Nov-98	Chromium, total	2	2	J
SW-5	SMI	16-May-99	Chromium, total	2	2	J
SW-7	SMI	15-Oct-98	Chromium, total	2	2	J
SW-7	SMI	11-Nov-98	Chromium, total	2	2	J
BC09SW/BC09SD	URS	5-Apr-00	Chromium, total	2.2	2.2	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Chromium, total	2.5	2.5	J
SW-7	SMI	12-Mar-99	Chromium, total	2.6	2.6	
BC05SW/BC05SD	URS	4-Apr-00	Chromium, total	2.8	2.8	J
SW-5	SMI	12-Mar-99	Chromium, total	2.9	2.9	
SW-5	SMI	9-Dec-98	Chromium, total	3	3	J
SW-7	SMI	9-Dec-98	Chromium, total	3	3	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Chromium, total	4.2	4.2	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Chromium, total	10.3	10.3	
BC06SW/BC06SD	ECOENV	1-Apr-98	Chromium, total	10.6	10.6	
BC05SW/BC05SD	URS	29-Sep-99	Chromium, total	0.4	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Chromium, total	0.4	ND	U
SW-5	SMI	18-Feb-99	Chromium, total	2	ND	U
SW-7	SMI	13-Jan-99	Chromium, total	0.4	ND	U
SW-7	SMI	18-Feb-99	Chromium, total	2	ND	U
BC05SW/BC05SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Cobalt, total	0.5	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Cobalt, total	1.2	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Cobalt, total	0.5	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Cobalt, total	1.2	ND	U
SW-5	SMI	13-Jan-99	Copper, total	2	2	J
SW-5	SMI	14-Jun-99	Copper, total	2	2	J
SW-7	SMI	13-Jan-99	Copper, total	2	2	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	14-Jun-99	Copper, total	2	2	J
BC05SW/BC05SD	URS	4-Apr-00	Copper, total	3	3	J
SW-7	SMI	12-Mar-99	Copper, total	3	3	J
SW-7	SMI	16-May-99	Copper, total	3	3	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Copper, total	4	4	J
SW-5	SMI	12-Mar-99	Copper, total	4	4	J
SW-5	SMI	16-May-99	Copper, total	5	5	J
SW-7	SMI	18-Feb-99	Copper, total	6	6	J
SW-5	SMI	18-Feb-99	Copper, total	7	7	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Copper, total	9.5	9.5	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Copper, total	9.8	9.8	J
BC08SW/BC08SD	ECOENV	1-Apr-98	Copper, total	10.4	10.4	J
BC06SW/BC06SD	ECOENV	1-Apr-98	Copper, total	14.7	14.7	J
SW-5	SMI	9-Dec-98	Copper, total	20	20	J
SW-7	SMI	9-Dec-98	Copper, total	20	20	J
SW-5	SMI	12-Nov-98	Copper, total	30	30	J
SW-7	SMI	11-Nov-98	Copper, total	30	30	
SW-5	SMI	15-Oct-98	Copper, total	40	40	
SW-7	SMI	15-Oct-98	Copper, total	40	40	
BC05SW/BC05SD	URS	29-Sep-99	Copper, total	0.5	ND	UJ
BC09SW/BC09SD	URS	29-Sep-99	Copper, total	0.5	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Copper, total	3.5	ND	UJ
SW-5	SMI	27-Apr-98	Copper, total	10	ND	U
SW-5	SMI	21-Apr-99	Copper, total	5	ND	U
SW-7	SMI	27-Apr-98	Copper, total	10	ND	U
SW-7	SMI	21-Apr-99	Copper, total	11	ND	U
SW-7	SMI	15-Oct-98	Iron, total	40	40	J
SW-7	SMI	13-Jan-99	Iron, total	40	40	J
SW-5	SMI	12-Nov-98	Iron, total	60	60	J
BC05SW/BC05SD	URS	29-Sep-99	Iron, total	74.4	74.4	J
SW-5	SMI	15-Oct-98	Iron, total	90	90	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Iron, total	181	181	
SW-7	SMI	14-Jun-99	Iron, total	310	310	
SW-5	SMI	9-Dec-98	Iron, total	340	340	
SW-5	SMI	13-Jan-99	Iron, total	370	370	
SW-7	SMI	18-Feb-99	Iron, total	500	500	
SW-7	SMI	9-Dec-98	Iron, total	600	600	
SW-5	SMI	14-Jun-99	Iron, total	620	620	
SW-7	SMI	16-May-99	Iron, total	620	620	
BC05SW/BC05SD	ECOENV	1-Apr-98	Iron, total	972	972	
SW-5	SMI	18-Feb-99	Iron, total	1000	1000	
BC07SW/BC07SD	ECOENV	1-Apr-98	Iron, total	1080	1080	
BC06SW/BC06SD	ECOENV	1-Apr-98	Iron, total	1260	1260	
SW-5	SMI	16-May-99	Iron, total	1280	1280	
BC08SW/BC08SD	ECOENV	1-Apr-98	Iron, total	1670	1670	
SW-5	SMI	21-Apr-99	Iron, total	2150	2150	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC05SW/BC05SD	URS	4-Apr-00	Iron, total	2570	2570	J
SW-7	SMI	21-Apr-99	Iron, total	2930	2930	
BC09SW/BC09SD	URS	5-Apr-00	Iron, total	3060	3060	J
SW-7	SMI	12-Mar-99	Iron, total	3930	3930	
SW-5	SMI	12-Mar-99	Iron, total	4080	4080	
BC09SW/BC09SD	URS	29-Sep-99	Iron, total	8.4	ND	UJ
SW-7	SMI	11-Nov-98	Iron, total	20	ND	U
SW-7	SMI	14-Jun-99	Lead, total	0.3	0.3	J
SW-5	SMI	13-Jan-99	Lead, total	0.4	0.4	J
SW-5	SMI	14-Jun-99	Lead, total	0.4	0.4	J
SW-7	SMI	16-May-99	Lead, total	0.4	0.4	J
SW-5	SMI	21-Apr-99	Lead, total	1	1	J
SW-7	SMI	21-Apr-99	Lead, total	1	1	J
BC09SW/BC09SD	URS	5-Apr-00	Lead, total	1.4	1.4	J
BC05SW/BC05SD	URS	4-Apr-00	Lead, total	1.6	1.6	J
SW-7	SMI	12-Mar-99	Lead, total	1.9	1.9	J
SW-5	SMI	12-Mar-99	Lead, total	2.1	2.1	
BC06SW/BC06SD	ECOENV	1-Apr-98	Lead, total	3.2	3.2	
SW-5	SMI	16-May-99	Lead, total	4	4	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Lead, total	1	ND	UJ
BC07SW/BC07SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Lead, total	1	ND	UJ
SW-5	SMI	15-Oct-98	Lead, total	1	ND	U
SW-5	SMI	12-Nov-98	Lead, total	1	ND	U
SW-5	SMI	9-Dec-98	Lead, total	2	ND	U
SW-5	SMI	18-Feb-99	Lead, total	1	ND	U
SW-7	SMI	15-Oct-98	Lead, total	1	ND	U
SW-7	SMI	11-Nov-98	Lead, total	1	ND	U
SW-7	SMI	9-Dec-98	Lead, total	2	ND	U
SW-7	SMI	13-Jan-99	Lead, total	0.4	ND	U
SW-7	SMI	18-Feb-99	Lead, total	1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Magnesium, total	5130	5130	
BC09SW/BC09SD	URS	5-Apr-00	Magnesium, total	7480	7480	
BC05SW/BC05SD	ECOENV	1-Apr-98	Magnesium, total	31500	31500	
BC06SW/BC06SD	ECOENV	1-Apr-98	Magnesium, total	31900	31900	
BC07SW/BC07SD	ECOENV	1-Apr-98	Magnesium, total	32600	32600	
BC08SW/BC08SD	ECOENV	1-Apr-98	Magnesium, total	34200	34200	
BC05SW/BC05SD	URS	29-Sep-99	Magnesium, total	79800	79800	
BC09SW/BC09SD	URS	29-Sep-99	Magnesium, total	87800	87800	
BC09SW/BC09SD	ECOENV	1-Apr-98	Magnesium, total	92400	92400	
SW-7	SMI	9-Dec-98	Manganese, total	9	9	J
SW-7	SMI	13-Jan-99	Manganese, total	11.5	11.5	J
SW-7	SMI	15-Oct-98	Manganese, total	14	14	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	11-Nov-98	Manganese, total	14	14	
SW-7	SMI	18-Feb-99	Manganese, total	45	45	
BC05SW/BC05SD	URS	29-Sep-99	Manganese, total	52.8	52.8	
SW-5	SMI	21-Apr-99	Manganese, total	70	70	
SW-7	SMI	14-Jun-99	Manganese, total	81.4	81.4	
SW-7	SMI	16-May-99	Manganese, total	82.4	82.4	J
SW-7	SMI	21-Apr-99	Manganese, total	85	85	
BC05SW/BC05SD	URS	4-Apr-00	Manganese, total	113	113	
SW-7	SMI	12-Mar-99	Manganese, total	118	118	
BC05SW/BC05SD	ECOENV	1-Apr-98	Manganese, total	141	141	
SW-7	SMI	27-Apr-98	Manganese, total	150	150	
SW-5	SMI	14-Jun-99	Manganese, total	169	169	
BC06SW/BC06SD	ECOENV	1-Apr-98	Manganese, total	170	170	
SW-5	SMI	16-May-99	Manganese, total	173	173	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Manganese, total	183	183	
BC08SW/BC08SD	ECOENV	1-Apr-98	Manganese, total	200	200	
BC09SW/BC09SD	URS	5-Apr-00	Manganese, total	228	228	
SW-5	SMI	27-Apr-98	Manganese, total	270	270	
SW-5	SMI	12-Mar-99	Manganese, total	276	276	
BC09SW/BC09SD	URS	29-Sep-99	Manganese, total	295	295	
SW-5	SMI	15-Oct-98	Manganese, total	375	375	
SW-5	SMI	18-Feb-99	Manganese, total	507	507	
SW-5	SMI	12-Nov-98	Manganese, total	537	537	
SW-5	SMI	13-Jan-99	Manganese, total	608	608	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Manganese, total	735	735	
SW-5	SMI	9-Dec-98	Manganese, total	1070	1070	
BC05SW/BC05SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Mercury, total	0.1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Mercury, total	0.1	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Mercury, total	0.1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Mercury, total	0.1	ND	U
SW-5	SMI	15-Oct-98	Mercury, total	0.2	ND	U
SW-5	SMI	12-Nov-98	Mercury, total	0.2	ND	U
SW-5	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-5	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-5	SMI	18-Feb-99	Mercury, total	0.2	ND	U
SW-5	SMI	12-Mar-99	Mercury, total	0.2	ND	U
SW-5	SMI	21-Apr-99	Mercury, total	0.2	ND	U
SW-5	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-5	SMI	14-Jun-99	Mercury, total	0.2	ND	U
SW-7	SMI	15-Oct-98	Mercury, total	0.2	ND	U
SW-7	SMI	11-Nov-98	Mercury, total	0.2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-7	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-7	SMI	18-Feb-99	Mercury, total	0.2	ND	U
SW-7	SMI	12-Mar-99	Mercury, total	0.2	ND	U
SW-7	SMI	21-Apr-99	Mercury, total	0.2	ND	U
SW-7	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-7	SMI	14-Jun-99	Mercury, total	0.2	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Nickel, total	4.9	4.9	J
BC09SW/BC09SD	URS	29-Sep-99	Nickel, total	5.2	5.2	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Nickel, total	5.5	5.5	J
BC09SW/BC09SD	URS	5-Apr-00	Nickel, total	8.1	8.1	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Nickel, total	9.2	9.2	J
SW-5	SMI	18-Feb-99	Nickel, total	10	10	J
BC06SW/BC06SD	ECOENV	1-Apr-98	Nickel, total	13.8	13.8	J
BC09SW/BC09SD	ECOENV	1-Apr-98	Nickel, total	18.8	18.8	J
SW-5	SMI	12-Nov-98	Nickel, total	20	20	J
SW-5	SMI	9-Dec-98	Nickel, total	20	20	J
SW-5	SMI	13-Jan-99	Nickel, total	20	20	J
SW-7	SMI	11-Nov-98	Nickel, total	20	20	J
BC05SW/BC05SD	URS	29-Sep-99	Nickel, total	4.6	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Nickel, total	4.5	ND	U
SW-5	SMI	15-Oct-98	Nickel, total	20	ND	U
SW-5	SMI	12-Mar-99	Nickel, total	10	ND	U
SW-5	SMI	21-Apr-99	Nickel, total	10	ND	U
SW-5	SMI	16-May-99	Nickel, total	10	ND	U
SW-5	SMI	14-Jun-99	Nickel, total	10	ND	U
SW-7	SMI	15-Oct-98	Nickel, total	20	ND	U
SW-7	SMI	9-Dec-98	Nickel, total	10	ND	U
SW-7	SMI	13-Jan-99	Nickel, total	10	ND	U
SW-7	SMI	18-Feb-99	Nickel, total	10	ND	U
SW-7	SMI	12-Mar-99	Nickel, total	10	ND	U
SW-7	SMI	21-Apr-99	Nickel, total	10	ND	U
SW-7	SMI	16-May-99	Nickel, total	10	ND	U
SW-7	SMI	14-Jun-99	Nickel, total	10	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Selenium, total	4.6	4.6	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Selenium, total	1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Selenium, total	1.3	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Selenium, total	1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Selenium, total	1.3	ND	UJ
SW-5	SMI	15-Oct-98	Selenium, total	1	ND	U
SW-5	SMI	12-Nov-98	Selenium, total	1	ND	U
SW-5	SMI	9-Dec-98	Selenium, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-5	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-5	SMI	18-Feb-99	Selenium, total	1	ND	U
SW-5	SMI	12-Mar-99	Selenium, total	1	ND	U
SW-5	SMI	21-Apr-99	Selenium, total	1	ND	U
SW-5	SMI	16-May-99	Selenium, total	1	ND	U
SW-5	SMI	14-Jun-99	Selenium, total	1	ND	U
SW-7	SMI	15-Oct-98	Selenium, total	1	ND	U
SW-7	SMI	11-Nov-98	Selenium, total	1	ND	U
SW-7	SMI	9-Dec-98	Selenium, total	1	ND	U
SW-7	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-7	SMI	18-Feb-99	Selenium, total	1	ND	U
SW-7	SMI	12-Mar-99	Selenium, total	1	ND	U
SW-7	SMI	21-Apr-99	Selenium, total	1	ND	U
SW-7	SMI	16-May-99	Selenium, total	1	ND	U
SW-7	SMI	14-Jun-99	Selenium, total	1	ND	U
SW-5	SMI	14-Jun-99	Silver, total	7	7	J
SW-5	SMI	12-Nov-98	Silver, total	10	10	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Silver, total	0.7	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Silver, total	0.8	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Silver, total	0.7	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Silver, total	0.8	ND	U
SW-5	SMI	15-Oct-98	Silver, total	10	ND	U
SW-5	SMI	9-Dec-98	Silver, total	5	ND	U
SW-5	SMI	13-Jan-99	Silver, total	5	ND	U
SW-5	SMI	18-Feb-99	Silver, total	5	ND	U
SW-5	SMI	12-Mar-99	Silver, total	5	ND	U
SW-5	SMI	21-Apr-99	Silver, total	5	ND	U
SW-5	SMI	16-May-99	Silver, total	5	ND	U
SW-7	SMI	15-Oct-98	Silver, total	10	ND	U
SW-7	SMI	11-Nov-98	Silver, total	10	ND	U
SW-7	SMI	9-Dec-98	Silver, total	5	ND	U
SW-7	SMI	13-Jan-99	Silver, total	5	ND	U
SW-7	SMI	18-Feb-99	Silver, total	5	ND	U
SW-7	SMI	12-Mar-99	Silver, total	5	ND	U
SW-7	SMI	21-Apr-99	Silver, total	5	ND	U
SW-7	SMI	16-May-99	Silver, total	5	ND	U
SW-7	SMI	14-Jun-99	Silver, total	5	ND	U
BC05SW/BC05SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Thallium, total	1.1	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Thallium, total	1.2	ND	UJ
BC06SW/BC06SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC07SW/BC07SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Thallium, total	1.1	ND	U
BC09SW/BC09SD	URS	5-Apr-00	Thallium, total	1.2	ND	U
SW-5	SMI	15-Oct-98	Thallium, total	0.5	ND	U
SW-5	SMI	12-Nov-98	Thallium, total	0.5	ND	U
SW-5	SMI	9-Dec-98	Thallium, total	1	ND	U
SW-5	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-5	SMI	18-Feb-99	Thallium, total	0.5	ND	U
SW-5	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-5	SMI	21-Apr-99	Thallium, total	0.5	ND	U
SW-5	SMI	16-May-99	Thallium, total	0.5	ND	U
SW-5	SMI	14-Jun-99	Thallium, total	0.1	ND	U
SW-7	SMI	15-Oct-98	Thallium, total	0.5	ND	U
SW-7	SMI	11-Nov-98	Thallium, total	0.5	ND	U
SW-7	SMI	9-Dec-98	Thallium, total	1	ND	U
SW-7	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-7	SMI	18-Feb-99	Thallium, total	0.5	ND	U
SW-7	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-7	SMI	21-Apr-99	Thallium, total	0.5	ND	U
SW-7	SMI	16-May-99	Thallium, total	0.2	ND	U
SW-7	SMI	14-Jun-99	Thallium, total	0.1	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Uranium, total	14.1	14.1	
BC06SW/BC06SD	ECOENV	1-Apr-98	Uranium, total	16.2	16.2	
BC07SW/BC07SD	ECOENV	1-Apr-98	Uranium, total	16.7	16.7	
BC05SW/BC05SD	ECOENV	1-Apr-98	Uranium, total	17.3	17.3	
BC09SW/BC09SD	ECOENV	1-Apr-98	Uranium, total	47.1	47.1	
BC05SW/BC05SD	URS	4-Apr-00	Vanadium, total	4.8	4.8	J
BC09SW/BC09SD	URS	5-Apr-00	Vanadium, total	4.9	4.9	J
BC05SW/BC05SD	ECOENV	1-Apr-98	Vanadium, total	2.6	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Vanadium, total	0.5	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Vanadium, total	2.8	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Vanadium, total	1.7	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Vanadium, total	3.3	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Vanadium, total	0.5	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Zinc, total	3	3	J
BC09SW/BC09SD	URS	29-Sep-99	Zinc, total	4.1	4.1	J
BC05SW/BC05SD	URS	4-Apr-00	Zinc, total	7.6	7.6	J
BC09SW/BC09SD	URS	5-Apr-00	Zinc, total	10.2	10.2	J
SW-7	SMI	16-May-99	Zinc, total	15	15	J
SW-5	SMI	21-Apr-99	Zinc, total	20	20	J
SW-7	SMI	11-Nov-98	Zinc, total	20	20	J
SW-7	SMI	21-Apr-99	Zinc, total	20	20	J
SW-5	SMI	13-Jan-99	Zinc, total	24	24	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-5	SMI	12-Nov-98	Zinc, total	30	30	J
SW-5	SMI	9-Dec-98	Zinc, total	30	30	J
SW-7	SMI	15-Oct-98	Zinc, total	30	30	J
SW-5	SMI	15-Oct-98	Zinc, total	40	40	J
BC07SW/BC07SD	ECOENV	1-Apr-98	Zinc, total	41.3	41.3	
BC05SW/BC05SD	ECOENV	1-Apr-98	Zinc, total	45.5	45.5	
BC09SW/BC09SD	ECOENV	1-Apr-98	Zinc, total	52.7	52.7	
BC06SW/BC06SD	ECOENV	1-Apr-98	Zinc, total	58.5	58.5	
BC08SW/BC08SD	ECOENV	1-Apr-98	Zinc, total	69.5	69.5	
SW-5	SMI	16-May-99	Zinc, total	70	70	
SW-5	SMI	27-Apr-98	Zinc, total	5	ND	U
SW-5	SMI	18-Feb-99	Zinc, total	30	ND	U
SW-5	SMI	12-Mar-99	Zinc, total	34	ND	U
SW-5	SMI	14-Jun-99	Zinc, total	22	ND	U
SW-7	SMI	27-Apr-98	Zinc, total	4	ND	U
SW-7	SMI	9-Dec-98	Zinc, total	20	ND	U
SW-7	SMI	13-Jan-99	Zinc, total	13	ND	U
SW-7	SMI	18-Feb-99	Zinc, total	20	ND	U
SW-7	SMI	12-Mar-99	Zinc, total	17	ND	U
SW-7	SMI	14-Jun-99	Zinc, total	17	ND	U
Northeastern Drainage						
SDNE-01/SWNE-01	URS	7-Apr-00	Aluminum, total	41100	41100	J
SDNE-01/SWNE-01	URS	7-Apr-00	Antimony, total	4.7	4.7	
SDNE-01/SWNE-01	URS	7-Apr-00	Arsenic, total	4.2	4.2	
SDNE-01/SWNE-01	URS	7-Apr-00	Barium, total	145	145	J
SDNE-01/SWNE-01	URS	7-Apr-00	Beryllium, total	6.6	6.6	
SDNE-01/SWNE-01	URS	7-Apr-00	Cadmium, total	0.5	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Chromium, total	33.4	33.4	
SDNE-01/SWNE-01	URS	7-Apr-00	Cobalt, total	23.3	23.3	J
SDNE-01/SWNE-01	URS	7-Apr-00	Copper, total	54.9	54.9	
SDNE-01/SWNE-01	URS	7-Apr-00	Iron, total	66000	66000	J
SDNE-01/SWNE-01	URS	7-Apr-00	Lead, total	23	23	
SDNE-01/SWNE-01	URS	7-Apr-00	Magnesium, total	6360	6360	
SDNE-01/SWNE-01	URS	7-Apr-00	Manganese, total	654	654	
SDNE-01/SWNE-01	URS	7-Apr-00	Mercury, total	0.1	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Nickel, total	73.1	73.1	
SDNE-01/SWNE-01	URS	7-Apr-00	Selenium, total	1.3	ND	UJ
SDNE-01/SWNE-01	URS	7-Apr-00	Silver, total	0.8	ND	U
SDNE-01/SWNE-01	URS	7-Apr-00	Thallium, total	1.2	ND	UJ
SDNE-01/SWNE-01	URS	7-Apr-00	Vanadium, total	60.7	60.7	
SDNE-01/SWNE-01	URS	7-Apr-00	Zinc, total	62.9	62.9	
Outfall						
OF01SW/OF01SD	URS	27-Sep-99	Aluminum, total	122	122	J
OF01SW/OF01SD	URS	7-Apr-00	Aluminum, total	131	131	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Aluminum, total	451	451	
OF01SW/OF01SD	URS	27-Sep-99	Antimony, total	2.4	2.4	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
OF01SW/OF01SD	URS	7-Apr-00	Antimony, total	4	4	
OF01SW/OF01SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Arsenic, total	0.25	0.25	
OF01SW/OF01SD	URS	7-Apr-00	Arsenic, total	0.36	0.36	
OF01SW/OF01SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Barium, total	56.6	56.6	J
OF01SW/OF01SD	URS	7-Apr-00	Barium, total	66	66	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Barium, total	78.1	78.1	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Beryllium, total	1.4	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Beryllium, total	0.17	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Beryllium, total	0.17	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Cadmium, total	0.37	0.37	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Cadmium, total	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Chromium, total	1.3	1.3	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Chromium, total	2.4	2.4	J
OF01SW/OF01SD	URS	27-Sep-99	Chromium, total	0.4	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Cobalt, total	1.8	1.8	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Cobalt, total	2.4	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Copper, total	8.4	8.4	J
OF01SW/OF01SD	URS	27-Sep-99	Copper, total	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Copper, total	1.3	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Iron, total	122	122	
OF01SW/OF01SD	URS	27-Sep-99	Iron, total	8.4	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Iron, total	35.2	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Lead, total	1	ND	UJ
OF01SW/OF01SD	URS	7-Apr-00	Lead, total	0.9	ND	UJ
OF01SW/OF01SD	ECOENV	1-Apr-98	Magnesium, total	83200	83200	
OF01SW/OF01SD	URS	7-Apr-00	Magnesium, total	91800	91800	
OF01SW/OF01SD	URS	27-Sep-99	Magnesium, total	101000	101000	
OF01SW/OF01SD	URS	7-Apr-00	Manganese, total	243	243	
OF01SW/OF01SD	URS	27-Sep-99	Manganese, total	275	275	
OF01SW/OF01SD	ECOENV	1-Apr-98	Manganese, total	369	369	
OF01SW/OF01SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Mercury, total	0.1	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Mercury, total	0.1	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Nickel, total	1.7	1.7	J
OF01SW/OF01SD	URS	7-Apr-00	Nickel, total	3.5	3.5	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Nickel, total	3.4	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Selenium, total	2	ND	UJ
OF01SW/OF01SD	URS	7-Apr-00	Selenium, total	1.3	ND	UJ
OF01SW/OF01SD	URS	27-Sep-99	Silver, total	0.9	0.9	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Silver, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
OF01SW/OF01SD	URS	7-Apr-00	Silver, total	0.8	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Thallium, total	1.3	ND	UJ
OF01SW/OF01SD	URS	7-Apr-00	Thallium, total	1.2	ND	UJ
OF01SW/OF01SD	ECOENV	1-Apr-98	Uranium, total	82	82	
OF01SW/OF01SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Vanadium, total	0.5	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Vanadium, total	1	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Zinc, total	5.2	5.2	J
OF01SW/OF01SD	URS	27-Sep-99	Zinc, total	8.7	8.7	J
OF01SW/OF01SD	URS	7-Apr-00	Zinc, total	0.4	ND	U
Pollution Control Pond						
SW-20	SMI	3-Feb-00	Aluminum, total	26900	26900	
SW-20	SMI	3-Feb-00	Aluminum, total	27300	27300	
SW-20	SMI	8-Jan-00	Aluminum, total	30500	30500	
SW-20	SMI	8-Jan-00	Aluminum, total	31200	31200	
SW-20	SMI	8-Dec-99	Aluminum, total	66700	66700	J
SW-20	SMI	12-Jan-99	Aluminum, total	78500	78500	
SW-20	SMI	18-May-99	Aluminum, total	78700	78700	
SW-20	SMI	17-Feb-99	Aluminum, total	79000	79000	
SW-20	SMI	10-Nov-98	Aluminum, total	79300	79300	
SW-20	SMI	10-Nov-98	Aluminum, total	79500	79500	
SW-20	SMI	8-Dec-98	Aluminum, total	80500	80500	
SW-20	SMI	19-Apr-99	Aluminum, total	82000	82000	
SW-20	SMI	11-Mar-99	Aluminum, total	85000	85000	
SW-20	SMI	16-Jun-99	Aluminum, total	89500	89500	
PP01SW/PP01SD	ECOENV	1-Apr-98	Aluminum, total	92600	92600	
SW-20	SMI	7-Aug-99	Aluminum, total	95000	95000	
PP02SW/PP02SD	ECOENV	1-Apr-98	Aluminum, total	105000	105000	
SW-20	SMI	14-Oct-98	Aluminum, total	120000	120000	
PP01SW/PP01SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
PP02SW/PP02SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
SW-20	SMI	8-Dec-99	Antimony, total	5	ND	U
SW-20	SMI	17-Feb-99	Arsenic, total	6	6	J
SW-20	SMI	11-Mar-99	Arsenic, total	6	6	J
SW-20	SMI	16-Jun-99	Arsenic, total	6	6	J
SW-20	SMI	7-Aug-99	Arsenic, total	6	6	J
SW-20	SMI	18-May-99	Arsenic, total	7	7	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Arsenic, total	16.3	16.3	
PP02SW/PP02SD	ECOENV	1-Apr-98	Arsenic, total	17.5	17.5	
SW-20	SMI	14-Oct-98	Arsenic, total	20	ND	U
SW-20	SMI	10-Nov-98	Arsenic, total	10	ND	U
SW-20	SMI	8-Dec-98	Arsenic, total	10	ND	U
SW-20	SMI	12-Jan-99	Arsenic, total	50	ND	U
SW-20	SMI	19-Apr-99	Arsenic, total	5	ND	U
SW-20	SMI	8-Dec-99	Arsenic, total	30	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	8-Jan-00	Arsenic, total	3	ND	U
SW-20	SMI	8-Jan-00	Arsenic, total	50	ND	U
SW-20	SMI	3-Feb-00	Arsenic, total	10	ND	U
SW-20	SMI	3-Feb-00	Arsenic, total	10	ND	U
SW-20	SMI	10-Nov-98	Arsenic, total	10	ND	U
PP01SW/PP01SD	ECOENV	1-Apr-98	Barium, total	2.1	2.1	J
PP02SW/PP02SD	ECOENV	1-Apr-98	Barium, total	6.1	6.1	J
SW-20	SMI	8-Dec-98	Barium, total	7	7	J
SW-20	SMI	3-Feb-00	Barium, total	7.9	7.9	J
SW-20	SMI	12-Jan-99	Barium, total	8	8	J
SW-20	SMI	3-Feb-00	Barium, total	8	8	J
SW-20	SMI	8-Jan-00	Barium, total	8.7	8.7	
SW-20	SMI	17-Feb-99	Barium, total	9	9	
SW-20	SMI	19-Apr-99	Barium, total	9	9	J
SW-20	SMI	18-May-99	Barium, total	9	9	
SW-20	SMI	10-Nov-98	Barium, total	9	9	J
SW-20	SMI	14-Oct-98	Barium, total	10	10	J
SW-20	SMI	10-Nov-98	Barium, total	10	10	
SW-20	SMI	8-Jan-00	Barium, total	10	10	J
SW-20	SMI	11-Mar-99	Barium, total	11	11	
SW-20	SMI	16-Jun-99	Barium, total	11	11	
SW-20	SMI	8-Dec-99	Barium, total	11	11	J
SW-20	SMI	7-Aug-99	Barium, total	12.1	12.1	
SW-20	SMI	3-Feb-00	Beryllium, total	16	16	J
SW-20	SMI	3-Feb-00	Beryllium, total	17	17	J
SW-20	SMI	8-Jan-00	Beryllium, total	18	18	J
SW-20	SMI	8-Jan-00	Beryllium, total	18	18	J
SW-20	SMI	8-Dec-99	Beryllium, total	36	36	
SW-20	SMI	10-Nov-98	Beryllium, total	40	40	J
SW-20	SMI	8-Dec-98	Beryllium, total	40	40	J
SW-20	SMI	12-Jan-99	Beryllium, total	40	40	J
SW-20	SMI	17-Feb-99	Beryllium, total	40	40	J
SW-20	SMI	18-May-99	Beryllium, total	40	40	J
SW-20	SMI	10-Nov-98	Beryllium, total	40	40	J
SW-20	SMI	19-Apr-99	Beryllium, total	45	45	
SW-20	SMI	16-Jun-99	Beryllium, total	45	45	
PP01SW/PP01SD	ECOENV	1-Apr-98	Beryllium, total	49.8	49.8	
SW-20	SMI	11-Mar-99	Beryllium, total	50	50	
SW-20	SMI	7-Aug-99	Beryllium, total	50	50	
PP02SW/PP02SD	ECOENV	1-Apr-98	Beryllium, total	53.4	53.4	
SW-20	SMI	14-Oct-98	Beryllium, total	60	60	
SW-20	SMI	3-Feb-00	Cadmium, total	21.2	21.2	J
SW-20	SMI	3-Feb-00	Cadmium, total	21.5	21.5	J
SW-20	SMI	8-Jan-00	Cadmium, total	25.9	25.9	J
SW-20	SMI	8-Jan-00	Cadmium, total	30	30	J
SW-20	SMI	18-May-99	Cadmium, total	35	35	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	17-Feb-99	Cadmium, total	41	41	
SW-20	SMI	8-Dec-98	Cadmium, total	42	42	J
SW-20	SMI	19-Apr-99	Cadmium, total	42	42	
SW-20	SMI	11-Mar-99	Cadmium, total	44	44	
SW-20	SMI	10-Nov-98	Cadmium, total	46	46	
SW-20	SMI	12-Jan-99	Cadmium, total	47	47	
SW-20	SMI	10-Nov-98	Cadmium, total	48	48	
SW-20	SMI	16-Jun-99	Cadmium, total	50.4	50.4	
SW-20	SMI	7-Aug-99	Cadmium, total	51.1	51.1	
PP01SW/PP01SD	ECOENV	1-Apr-98	Cadmium, total	52.3	52.3	
PP02SW/PP02SD	ECOENV	1-Apr-98	Cadmium, total	53.4	53.4	
SW-20	SMI	28-Apr-98	Cadmium, total	57	57	
SW-20	SMI	8-Dec-99	Cadmium, total	68	68	
SW-20	SMI	14-Oct-98	Cadmium, total	70	70	
SW-20	SMI	8-Jan-00	Chromium, total	0.5	0.5	J
SW-20	SMI	8-Dec-98	Chromium, total	2	2	J
SW-20	SMI	19-Apr-99	Chromium, total	2	2	J
SW-20	SMI	18-May-99	Chromium, total	2	2	J
SW-20	SMI	11-Mar-99	Chromium, total	3	3	J
SW-20	SMI	10-Nov-98	Chromium, total	3	3	J
SW-20	SMI	12-Jan-99	Chromium, total	4	4	J
SW-20	SMI	16-Jun-99	Chromium, total	20	20	J
PP02SW/PP02SD	ECOENV	1-Apr-98	Chromium, total	30.6	30.6	
PP01SW/PP01SD	ECOENV	1-Apr-98	Chromium, total	32.6	32.6	
SW-20	SMI	14-Oct-98	Chromium, total	4	ND	U
SW-20	SMI	10-Nov-98	Chromium, total	2	ND	U
SW-20	SMI	17-Feb-99	Chromium, total	3	ND	U
SW-20	SMI	7-Aug-99	Chromium, total	2.4	ND	U
SW-20	SMI	8-Dec-99	Chromium, total	5	ND	U
SW-20	SMI	8-Jan-00	Chromium, total	10	ND	U
SW-20	SMI	3-Feb-00	Chromium, total	2	ND	U
SW-20	SMI	3-Feb-00	Chromium, total	2	ND	U
SW-20	SMI	8-Dec-99	Cobalt, total	1000	1000	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Cobalt, total	1260	1260	
PP02SW/PP02SD	ECOENV	1-Apr-98	Cobalt, total	1330	1330	
SW-20	SMI	8-Jan-00	Copper, total	96	96	J
SW-20	SMI	3-Feb-00	Copper, total	100	100	
SW-20	SMI	3-Feb-00	Copper, total	100	100	
SW-20	SMI	8-Jan-00	Copper, total	160	160	J
SW-20	SMI	8-Dec-98	Copper, total	220	220	
SW-20	SMI	12-Jan-99	Copper, total	253	253	
SW-20	SMI	17-Feb-99	Copper, total	257	257	
SW-20	SMI	8-Dec-99	Copper, total	260	260	
SW-20	SMI	10-Nov-98	Copper, total	280	280	
SW-20	SMI	10-Nov-98	Copper, total	280	280	
PP01SW/PP01SD	ECOENV	1-Apr-98	Copper, total	297	297	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	19-Apr-99	Copper, total	316	316	J
SW-20	SMI	7-Aug-99	Copper, total	326	326	J
SW-20	SMI	28-Apr-98	Copper, total	340	340	
PP02SW/PP02SD	ECOENV	1-Apr-98	Copper, total	343	343	
SW-20	SMI	16-Jun-99	Copper, total	346	346	
SW-20	SMI	18-May-99	Copper, total	370	370	
SW-20	SMI	11-Mar-99	Copper, total	384	384	
SW-20	SMI	14-Oct-98	Copper, total	1000	ND	U
SW-20	SMI	8-Jan-00	Iron, total	90	90	J
SW-20	SMI	3-Feb-00	Iron, total	90	90	J
SW-20	SMI	8-Jan-00	Iron, total	100	100	J
SW-20	SMI	3-Feb-00	Iron, total	110	110	
SW-20	SMI	10-Nov-98	Iron, total	230	230	J
SW-20	SMI	10-Nov-98	Iron, total	250	250	J
SW-20	SMI	8-Dec-99	Iron, total	250	250	J
SW-20	SMI	17-Feb-99	Iron, total	280	280	J
SW-20	SMI	12-Jan-99	Iron, total	300	300	J
SW-20	SMI	18-May-99	Iron, total	320	320	
SW-20	SMI	8-Dec-98	Iron, total	340	340	
SW-20	SMI	16-Jun-99	Iron, total	390	390	
SW-20	SMI	14-Oct-98	Iron, total	420	420	J
SW-20	SMI	7-Aug-99	Iron, total	420	420	
SW-20	SMI	11-Mar-99	Iron, total	450	450	
SW-20	SMI	19-Apr-99	Iron, total	480	480	
PP01SW/PP01SD	ECOENV	1-Apr-98	Iron, total	804	804	
PP02SW/PP02SD	ECOENV	1-Apr-98	Iron, total	1590	1590	
SW-20	SMI	3-Feb-00	Lead, total	0.7	0.7	J
SW-20	SMI	3-Feb-00	Lead, total	0.7	0.7	J
SW-20	SMI	8-Jan-00	Lead, total	0.8	0.8	J
SW-20	SMI	8-Jan-00	Lead, total	0.9	0.9	J
SW-20	SMI	8-Dec-98	Lead, total	1	1	J
SW-20	SMI	12-Jan-99	Lead, total	1	1	J
SW-20	SMI	16-Jun-99	Lead, total	1.7	1.7	J
SW-20	SMI	11-Mar-99	Lead, total	2	2	J
SW-20	SMI	19-Apr-99	Lead, total	2	2	J
SW-20	SMI	18-May-99	Lead, total	2	2	J
SW-20	SMI	7-Aug-99	Lead, total	2.1	2.1	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Lead, total	28.9	28.9	
PP02SW/PP02SD	ECOENV	1-Apr-98	Lead, total	31	31	
SW-20	SMI	14-Oct-98	Lead, total	4	ND	U
SW-20	SMI	10-Nov-98	Lead, total	2	ND	U
SW-20	SMI	17-Feb-99	Lead, total	1	ND	U
SW-20	SMI	8-Dec-99	Lead, total	5	ND	U
SW-20	SMI	10-Nov-98	Lead, total	2	ND	U
PP02SW/PP02SD	ECOENV	1-Apr-98	Magnesium, total	400000	400000	
PP01SW/PP01SD	ECOENV	1-Apr-98	Magnesium, total	402000	402000	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	8-Jan-00	Manganese, total	48000	48000	J
SW-20	SMI	8-Jan-00	Manganese, total	49000	49000	J
SW-20	SMI	3-Feb-00	Manganese, total	49100	49100	
SW-20	SMI	3-Feb-00	Manganese, total	49600	49600	
SW-20	SMI	18-May-99	Manganese, total	80700	80700	J
SW-20	SMI	8-Dec-99	Manganese, total	84000	84000	J
SW-20	SMI	11-Mar-99	Manganese, total	85000	85000	
SW-20	SMI	19-Apr-99	Manganese, total	88200	88200	
SW-20	SMI	10-Nov-98	Manganese, total	89500	89500	J
SW-20	SMI	17-Feb-99	Manganese, total	90200	90200	
SW-20	SMI	8-Dec-98	Manganese, total	95300	95300	
SW-20	SMI	12-Jan-99	Manganese, total	98700	98700	J
SW-20	SMI	28-Apr-98	Manganese, total	100000	100000	
SW-20	SMI	10-Nov-98	Manganese, total	101000	101000	
SW-20	SMI	16-Jun-99	Manganese, total	106000	106000	
SW-20	SMI	7-Aug-99	Manganese, total	109000	109000	
PP01SW/PP01SD	ECOENV	1-Apr-98	Manganese, total	110000	110000	
PP02SW/PP02SD	ECOENV	1-Apr-98	Manganese, total	115000	115000	
SW-20	SMI	14-Oct-98	Manganese, total	142000	142000	
SW-20	SMI	8-Dec-99	Mercury, total	0.2	0.2	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
PP02SW/PP02SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
SW-20	SMI	14-Oct-98	Mercury, total	0.2	ND	U
SW-20	SMI	10-Nov-98	Mercury, total	0.2	ND	U
SW-20	SMI	8-Dec-98	Mercury, total	0.2	ND	U
SW-20	SMI	12-Jan-99	Mercury, total	0.2	ND	U
SW-20	SMI	17-Feb-99	Mercury, total	0.2	ND	U
SW-20	SMI	11-Mar-99	Mercury, total	0.2	ND	U
SW-20	SMI	19-Apr-99	Mercury, total	0.2	ND	U
SW-20	SMI	18-May-99	Mercury, total	0.2	ND	U
SW-20	SMI	16-Jun-99	Mercury, total	0.2	ND	U
SW-20	SMI	7-Aug-99	Mercury, total	0.2	ND	U
SW-20	SMI	8-Jan-00	Mercury, total	0.2	ND	U
SW-20	SMI	8-Jan-00	Mercury, total	0.2	ND	U
SW-20	SMI	3-Feb-00	Mercury, total	0.2	ND	U
SW-20	SMI	3-Feb-00	Mercury, total	0.2	ND	U
SW-20	SMI	10-Nov-98	Mercury, total	0.2	ND	U
SW-20	SMI	3-Feb-00	Nickel, total	870	870	
SW-20	SMI	3-Feb-00	Nickel, total	870	870	
SW-20	SMI	8-Jan-00	Nickel, total	920	920	J
SW-20	SMI	8-Jan-00	Nickel, total	940	940	J
SW-20	SMI	8-Dec-99	Nickel, total	1670	1670	J
SW-20	SMI	19-Apr-99	Nickel, total	1720	1720	
SW-20	SMI	17-Feb-99	Nickel, total	1750	1750	
SW-20	SMI	11-Mar-99	Nickel, total	1780	1780	
SW-20	SMI	18-May-99	Nickel, total	1780	1780	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	SMI	8-Dec-98	Nickel, total	1900	1900	
SW-20	SMI	12-Jan-99	Nickel, total	1920	1920	
SW-20	SMI	10-Nov-98	Nickel, total	1960	1960	
PP01SW/PP01SD	ECOENV	1-Apr-98	Nickel, total	2070	2070	
SW-20	SMI	10-Nov-98	Nickel, total	2090	2090	
PP02SW/PP02SD	ECOENV	1-Apr-98	Nickel, total	2130	2130	
SW-20	SMI	16-Jun-99	Nickel, total	2170	2170	
SW-20	SMI	7-Aug-99	Nickel, total	2170	2170	
SW-20	SMI	14-Oct-98	Nickel, total	2760	2760	
PP02SW/PP02SD	ECOENV	1-Apr-98	Selenium, total	66.9	66.9	
PP01SW/PP01SD	ECOENV	1-Apr-98	Selenium, total	71.7	71.7	
SW-20	SMI	14-Oct-98	Selenium, total	1	ND	U
SW-20	SMI	10-Nov-98	Selenium, total	1	ND	U
SW-20	SMI	8-Dec-98	Selenium, total	1	ND	U
SW-20	SMI	12-Jan-99	Selenium, total	1	ND	U
SW-20	SMI	17-Feb-99	Selenium, total	1	ND	U
SW-20	SMI	11-Mar-99	Selenium, total	1	ND	U
SW-20	SMI	19-Apr-99	Selenium, total	1	ND	U
SW-20	SMI	18-May-99	Selenium, total	1	ND	U
SW-20	SMI	16-Jun-99	Selenium, total	1	ND	U
SW-20	SMI	7-Aug-99	Selenium, total	1	ND	U
SW-20	SMI	8-Dec-99	Selenium, total	1	ND	U
SW-20	SMI	8-Jan-00	Selenium, total	1	ND	U
SW-20	SMI	8-Jan-00	Selenium, total	1	ND	U
SW-20	SMI	3-Feb-00	Selenium, total	1	ND	U
SW-20	SMI	3-Feb-00	Selenium, total	1	ND	U
SW-20	SMI	10-Nov-98	Selenium, total	1	ND	U
SW-20	SMI	16-Jun-99	Silver, total	5	5	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
PP02SW/PP02SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
SW-20	SMI	14-Oct-98	Silver, total	30	ND	U
SW-20	SMI	10-Nov-98	Silver, total	30	ND	U
SW-20	SMI	8-Dec-98	Silver, total	30	ND	U
SW-20	SMI	12-Jan-99	Silver, total	30	ND	U
SW-20	SMI	17-Feb-99	Silver, total	30	ND	U
SW-20	SMI	11-Mar-99	Silver, total	30	ND	U
SW-20	SMI	19-Apr-99	Silver, total	10	ND	U
SW-20	SMI	18-May-99	Silver, total	30	ND	U
SW-20	SMI	7-Aug-99	Silver, total	30	ND	U
SW-20	SMI	8-Dec-99	Silver, total	5	ND	U
SW-20	SMI	8-Jan-00	Silver, total	10	ND	U
SW-20	SMI	8-Jan-00	Silver, total	10	ND	U
SW-20	SMI	3-Feb-00	Silver, total	10	ND	U
SW-20	SMI	3-Feb-00	Silver, total	10	ND	U
SW-20	SMI	10-Nov-98	Silver, total	30	ND	U
PP01SW/PP01SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
PP02SW/PP02SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
SW-20	SMI	14-Oct-98	Thallium, total	2	ND	U
SW-20	SMI	10-Nov-98	Thallium, total	1	ND	U
SW-20	SMI	8-Dec-98	Thallium, total	0.5	ND	U
SW-20	SMI	12-Jan-99	Thallium, total	0.5	ND	U
SW-20	SMI	17-Feb-99	Thallium, total	0.5	ND	U
SW-20	SMI	11-Mar-99	Thallium, total	0.5	ND	U
SW-20	SMI	19-Apr-99	Thallium, total	0.5	ND	U
SW-20	SMI	18-May-99	Thallium, total	0.5	ND	U
SW-20	SMI	16-Jun-99	Thallium, total	0.3	ND	U
SW-20	SMI	7-Aug-99	Thallium, total	0.3	ND	U
SW-20	SMI	8-Dec-99	Thallium, total	3	ND	U
SW-20	SMI	8-Jan-00	Thallium, total	0.3	ND	U
SW-20	SMI	8-Jan-00	Thallium, total	0.1	ND	U
SW-20	SMI	3-Feb-00	Thallium, total	0.1	ND	U
SW-20	SMI	3-Feb-00	Thallium, total	0.1	ND	U
SW-20	SMI	10-Nov-98	Thallium, total	1	ND	U
PP01SW/PP01SD	ECOENV	1-Apr-98	Uranium, total	22600	22600	
PP02SW/PP02SD	ECOENV	1-Apr-98	Uranium, total	26700	26700	
PP01SW/PP01SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
PP02SW/PP02SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
SW-20	SMI	8-Dec-99	Vanadium, total	10	ND	U
SW-20	SMI	3-Feb-00	Zinc, total	1670	1670	
SW-20	SMI	3-Feb-00	Zinc, total	1700	1700	
SW-20	SMI	8-Jan-00	Zinc, total	1800	1800	
SW-20	SMI	8-Jan-00	Zinc, total	1850	1850	J
SW-20	SMI	8-Dec-99	Zinc, total	3680	3680	J
SW-20	SMI	18-May-99	Zinc, total	3800	3800	
SW-20	SMI	19-Apr-99	Zinc, total	3900	3900	
SW-20	SMI	10-Nov-98	Zinc, total	4000	4000	J
SW-20	SMI	8-Dec-98	Zinc, total	4000	4000	J
SW-20	SMI	17-Feb-99	Zinc, total	4000	4000	J
SW-20	SMI	10-Nov-98	Zinc, total	4000	4000	J
SW-20	SMI	12-Jan-99	Zinc, total	4300	4300	
SW-20	SMI	11-Mar-99	Zinc, total	4300	4300	
SW-20	SMI	28-Apr-98	Zinc, total	4400	4400	
SW-20	SMI	16-Jun-99	Zinc, total	4500	4500	J
PP02SW/PP02SD	ECOENV	1-Apr-98	Zinc, total	4530	4530	
PP01SW/PP01SD	ECOENV	1-Apr-98	Zinc, total	4640	4640	
SW-20	SMI	7-Aug-99	Zinc, total	4640	4640	
SW-20	SMI	14-Oct-98	Zinc, total	6000	6000	J
Pit 3						
SW-39	SMI	12-Dec-99	Aluminum, total	46800	46800	
SW-39	SMI	21-Apr-99	Aluminum, total	49900	49900	
SW-39	SMI	17-May-99	Aluminum, total	50300	50300	
SW-39	SMI	15-Jun-99	Aluminum, total	56200	56200	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
P302SW/P302SD	ECOENV	1-Apr-98	Aluminum, total	58200	58200	
SW-39	SMI	10-Dec-98	Aluminum, total	58600	58600	
P301SW	ECOENV	1-Apr-98	Aluminum, total	59600	59600	
SW-39	SMI	14-Oct-98	Aluminum, total	60100	60100	
SW-39	SMI	15-Nov-98	Aluminum, total	60500	60500	
SW-39	SMI	14-Oct-98	Aluminum, total	61900	61900	
P303SW/P303SD	ECOENV	1-Apr-98	Aluminum, total	82800	82800	
SW-39	SMI	4-Feb-00	Aluminum, total	92300	92300	
SW-39	SMI	12-Dec-99	Antimony, total	2	2	J
P301SW	ECOENV	1-Apr-98	Antimony, total	5	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
P303SW/P303SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
SW-39	SMI	15-Nov-98	Arsenic, total	5	5	J
SW-39	SMI	10-Dec-98	Arsenic, total	5	5	J
SW-39	SMI	17-May-99	Arsenic, total	5	5	J
SW-39	SMI	15-Jun-99	Arsenic, total	7	7	
SW-39	SMI	12-Dec-99	Arsenic, total	8	8	J
P301SW	ECOENV	1-Apr-98	Arsenic, total	9.3	9.3	J
P303SW/P303SD	ECOENV	1-Apr-98	Arsenic, total	16.3	16.3	
P302SW/P302SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-39	SMI	14-Oct-98	Arsenic, total	20	ND	U
SW-39	SMI	21-Apr-99	Arsenic, total	10	ND	U
SW-39	SMI	4-Feb-00	Arsenic, total	100	ND	U
SW-39	SMI	14-Oct-98	Arsenic, total	20	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Barium, total	6.5	6.5	J
SW-39	SMI	17-May-99	Barium, total	7	7	J
SW-39	SMI	15-Jun-99	Barium, total	7.6	7.6	J
P301SW	ECOENV	1-Apr-98	Barium, total	9.5	9.5	J
SW-39	SMI	21-Apr-99	Barium, total	10	10	
SW-39	SMI	12-Dec-99	Barium, total	11.5	11.5	J
SW-39	SMI	14-Oct-98	Barium, total	14	14	J
SW-39	SMI	15-Nov-98	Barium, total	15	15	
SW-39	SMI	14-Oct-98	Barium, total	15	15	J
P303SW/P303SD	ECOENV	1-Apr-98	Barium, total	48.2	48.2	J
SW-39	SMI	10-Dec-98	Barium, total	200	ND	U
SW-39	SMI	4-Feb-00	Barium, total	20	ND	U
SW-39	SMI	21-Apr-99	Beryllium, total	4	4	J
SW-39	SMI	17-May-99	Beryllium, total	28	28	
SW-39	SMI	12-Dec-99	Beryllium, total	30	30	J
SW-39	SMI	15-Jun-99	Beryllium, total	31	31	
P302SW/P302SD	ECOENV	1-Apr-98	Beryllium, total	32.8	32.8	
P301SW	ECOENV	1-Apr-98	Beryllium, total	37	37	
SW-39	SMI	14-Oct-98	Beryllium, total	40	40	J
SW-39	SMI	15-Nov-98	Beryllium, total	40	40	J
SW-39	SMI	10-Dec-98	Beryllium, total	40	40	J
SW-39	SMI	14-Oct-98	Beryllium, total	40	40	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
P303SW/P303SD	ECOENV	1-Apr-98	Beryllium, total	43.7	43.7	
SW-39	SMI	4-Feb-00	Beryllium, total	50	50	
SW-39	SMI	21-Apr-99	Cadmium, total	26	26	
SW-39	SMI	15-Jun-99	Cadmium, total	33.3	33.3	J
SW-39	SMI	17-May-99	Cadmium, total	34	34	
SW-39	SMI	10-Dec-98	Cadmium, total	37	37	J
P302SW/P302SD	ECOENV	1-Apr-98	Cadmium, total	37.9	37.9	
SW-39	SMI	15-Nov-98	Cadmium, total	43	43	J
P303SW/P303SD	ECOENV	1-Apr-98	Cadmium, total	44.4	44.4	
SW-39	SMI	29-Apr-98	Cadmium, total	46	46	
SW-39	SMI	14-Oct-98	Cadmium, total	46	46	
P301SW	ECOENV	1-Apr-98	Cadmium, total	47.1	47.1	
SW-39	SMI	14-Oct-98	Cadmium, total	48	48	
SW-39	SMI	12-Dec-99	Cadmium, total	51.8	51.8	
SW-39	SMI	4-Feb-00	Cadmium, total	70	70	J
SW-39	SMI	12-Dec-99	Chromium, total	0.2	0.2	J
SW-39	SMI	17-May-99	Chromium, total	1	1	J
SW-39	SMI	15-Jun-99	Chromium, total	2.1	2.1	J
P302SW/P302SD	ECOENV	1-Apr-98	Chromium, total	19.1	19.1	
P303SW/P303SD	ECOENV	1-Apr-98	Chromium, total	25	25	
P301SW	ECOENV	1-Apr-98	Chromium, total	34.3	34.3	
SW-39	SMI	14-Oct-98	Chromium, total	4	ND	U
SW-39	SMI	15-Nov-98	Chromium, total	2	ND	U
SW-39	SMI	10-Dec-98	Chromium, total	1	ND	U
SW-39	SMI	21-Apr-99	Chromium, total	2	ND	U
SW-39	SMI	4-Feb-00	Chromium, total	20	ND	U
SW-39	SMI	14-Oct-98	Chromium, total	4	ND	U
SW-39	SMI	12-Dec-99	Cobalt, total	900	900	
P302SW/P302SD	ECOENV	1-Apr-98	Cobalt, total	937	937	
P301SW	ECOENV	1-Apr-98	Cobalt, total	1080	1080	
P303SW/P303SD	ECOENV	1-Apr-98	Cobalt, total	1100	1100	
SW-39	SMI	15-Jun-99	Copper, total	160	160	J
SW-39	SMI	4-Feb-00	Copper, total	200	200	J
P302SW/P302SD	ECOENV	1-Apr-98	Copper, total	207	207	
SW-39	SMI	21-Apr-99	Copper, total	210	210	J
SW-39	SMI	12-Dec-99	Copper, total	228	228	
SW-39	SMI	29-Apr-98	Copper, total	250	250	
P301SW	ECOENV	1-Apr-98	Copper, total	257	257	
SW-39	SMI	17-May-99	Copper, total	269	269	
P303SW/P303SD	ECOENV	1-Apr-98	Copper, total	286	286	
SW-39	SMI	14-Oct-98	Copper, total	1000	ND	U
SW-39	SMI	15-Nov-98	Copper, total	1000	ND	U
SW-39	SMI	10-Dec-98	Copper, total	1000	ND	U
SW-39	SMI	14-Oct-98	Copper, total	1000	ND	U
SW-39	SMI	14-Oct-98	Iron, total	120	120	J
SW-39	SMI	14-Oct-98	Iron, total	130	130	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	10-Dec-98	Iron, total	130	130	J
SW-39	SMI	12-Dec-99	Iron, total	130	130	J
SW-39	SMI	15-Nov-98	Iron, total	190	190	J
SW-39	SMI	17-May-99	Iron, total	240	240	
SW-39	SMI	15-Jun-99	Iron, total	270	270	
P302SW/P302SD	ECOENV	1-Apr-98	Iron, total	350	350	
P301SW	ECOENV	1-Apr-98	Iron, total	544	544	
P303SW/P303SD	ECOENV	1-Apr-98	Iron, total	1850	1850	
SW-39	SMI	4-Feb-00	Iron, total	2950	2950	
SW-39	SMI	21-Apr-99	Iron, total	5060	5060	
SW-39	SMI	17-May-99	Lead, total	2	2	J
SW-39	SMI	15-Jun-99	Lead, total	3.7	3.7	
SW-39	SMI	15-Nov-98	Lead, total	4	4	J
SW-39	SMI	10-Dec-98	Lead, total	5	5	J
SW-39	SMI	12-Dec-99	Lead, total	5.9	5.9	
SW-39	SMI	14-Oct-98	Lead, total	6	6	J
SW-39	SMI	14-Oct-98	Lead, total	7	7	J
P302SW/P302SD	ECOENV	1-Apr-98	Lead, total	28.7	28.7	
P303SW/P303SD	ECOENV	1-Apr-98	Lead, total	28.9	28.9	
P301SW	ECOENV	1-Apr-98	Lead, total	39.4	39.4	
SW-39	SMI	21-Apr-99	Lead, total	2	ND	U
SW-39	SMI	4-Feb-00	Lead, total	20	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Magnesium, total	300000	300000	
P301SW	ECOENV	1-Apr-98	Magnesium, total	320000	320000	
P303SW/P303SD	ECOENV	1-Apr-98	Magnesium, total	342000	342000	
SW-39	SMI	21-Apr-99	Manganese, total	62200	62200	
SW-39	SMI	17-May-99	Manganese, total	69200	69200	J
SW-39	SMI	12-Dec-99	Manganese, total	79300	79300	
SW-39	SMI	10-Dec-98	Manganese, total	81000	81000	J
SW-39	SMI	15-Jun-99	Manganese, total	82900	82900	
SW-39	SMI	29-Apr-98	Manganese, total	85000	85000	
P302SW/P302SD	ECOENV	1-Apr-98	Manganese, total	88800	88800	
SW-39	SMI	14-Oct-98	Manganese, total	89700	89700	
P303SW/P303SD	ECOENV	1-Apr-98	Manganese, total	95800	95800	
SW-39	SMI	14-Oct-98	Manganese, total	96000	96000	
SW-39	SMI	15-Nov-98	Manganese, total	96400	96400	
P301SW	ECOENV	1-Apr-98	Manganese, total	101000	101000	
SW-39	SMI	4-Feb-00	Manganese, total	120000	120000	
P301SW	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
P303SW/P303SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
SW-39	SMI	14-Oct-98	Mercury, total	0.2	ND	U
SW-39	SMI	15-Nov-98	Mercury, total	0.2	ND	U
SW-39	SMI	10-Dec-98	Mercury, total	0.2	ND	U
SW-39	SMI	21-Apr-99	Mercury, total	0.2	ND	U
SW-39	SMI	17-May-99	Mercury, total	0.2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	15-Jun-99	Mercury, total	0.2	ND	U
SW-39	SMI	12-Dec-99	Mercury, total	0.2	ND	U
SW-39	SMI	4-Feb-00	Mercury, total	0.2	ND	U
SW-39	SMI	14-Oct-98	Mercury, total	0.2	ND	U
SW-39	SMI	21-Apr-99	Nickel, total	20	20	J
SW-39	SMI	17-May-99	Nickel, total	1310	1310	
SW-39	SMI	12-Dec-99	Nickel, total	1430	1430	
P302SW/P302SD	ECOENV	1-Apr-98	Nickel, total	1480	1480	
SW-39	SMI	15-Jun-99	Nickel, total	1480	1480	
SW-39	SMI	10-Dec-98	Nickel, total	1650	1650	
P301SW	ECOENV	1-Apr-98	Nickel, total	1720	1720	
SW-39	SMI	14-Oct-98	Nickel, total	1750	1750	
P303SW/P303SD	ECOENV	1-Apr-98	Nickel, total	1770	1770	
SW-39	SMI	15-Nov-98	Nickel, total	1790	1790	
SW-39	SMI	14-Oct-98	Nickel, total	1810	1810	
SW-39	SMI	4-Feb-00	Nickel, total	2430	2430	
P302SW/P302SD	ECOENV	1-Apr-98	Selenium, total	49.8	49.8	
P303SW/P303SD	ECOENV	1-Apr-98	Selenium, total	57.2	57.2	
P301SW	ECOENV	1-Apr-98	Selenium, total	65.3	65.3	
SW-39	SMI	14-Oct-98	Selenium, total	1	ND	U
SW-39	SMI	15-Nov-98	Selenium, total	1	ND	U
SW-39	SMI	10-Dec-98	Selenium, total	1	ND	U
SW-39	SMI	21-Apr-99	Selenium, total	1	ND	U
SW-39	SMI	17-May-99	Selenium, total	1	ND	U
SW-39	SMI	15-Jun-99	Selenium, total	1	ND	U
SW-39	SMI	12-Dec-99	Selenium, total	1	ND	U
SW-39	SMI	4-Feb-00	Selenium, total	1	ND	U
SW-39	SMI	14-Oct-98	Selenium, total	1	ND	U
SW-39	SMI	15-Nov-98	Silver, total	50	50	J
SW-39	SMI	4-Feb-00	Silver, total	60	60	J
P301SW	ECOENV	1-Apr-98	Silver, total	2	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
P303SW/P303SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
SW-39	SMI	14-Oct-98	Silver, total	30	ND	U
SW-39	SMI	10-Dec-98	Silver, total	30	ND	U
SW-39	SMI	21-Apr-99	Silver, total	10	ND	U
SW-39	SMI	17-May-99	Silver, total	10	ND	U
SW-39	SMI	15-Jun-99	Silver, total	5	ND	U
SW-39	SMI	12-Dec-99	Silver, total	10	ND	U
SW-39	SMI	14-Oct-98	Silver, total	30	ND	U
SW-39	SMI	15-Jun-99	Thallium, total	0.2	0.2	J
SW-39	SMI	12-Dec-99	Thallium, total	0.2	0.2	J
P301SW	ECOENV	1-Apr-98	Thallium, total	6	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
P303SW/P303SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
SW-39	SMI	14-Oct-98	Thallium, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-39	SMI	15-Nov-98	Thallium, total	1	ND	U
SW-39	SMI	10-Dec-98	Thallium, total	0.5	ND	U
SW-39	SMI	21-Apr-99	Thallium, total	1	ND	U
SW-39	SMI	17-May-99	Thallium, total	0.5	ND	U
SW-39	SMI	4-Feb-00	Thallium, total	10	ND	U
SW-39	SMI	14-Oct-98	Thallium, total	2	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Uranium, total	19300	19300	
P303SW/P303SD	ECOENV	1-Apr-98	Uranium, total	21000	21000	
P301SW	ECOENV	1-Apr-98	Uranium, total	21800	21800	
P301SW	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
P302SW/P302SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
P303SW/P303SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
SW-39	SMI	12-Dec-99	Vanadium, total	30	ND	U
SW-39	SMI	21-Apr-99	Zinc, total	2500	2500	
SW-39	SMI	10-Dec-98	Zinc, total	3000	3000	J
SW-39	SMI	17-May-99	Zinc, total	3000	3000	
SW-39	SMI	12-Dec-99	Zinc, total	3210	3210	
SW-39	SMI	15-Jun-99	Zinc, total	3270	3270	
P302SW/P302SD	ECOENV	1-Apr-98	Zinc, total	3370	3370	
SW-39	SMI	29-Apr-98	Zinc, total	3400	3400	
SW-39	SMI	15-Nov-98	Zinc, total	3600	3600	J
SW-39	SMI	14-Oct-98	Zinc, total	3640	3640	
SW-39	SMI	14-Oct-98	Zinc, total	3660	3660	
P303SW/P303SD	ECOENV	1-Apr-98	Zinc, total	3710	3710	
P301SW	ECOENV	1-Apr-98	Zinc, total	4170	4170	
SW-39	SMI	4-Feb-00	Zinc, total	5480	5480	
Pit 4						
SW-40	SMI	14-Oct-98	Aluminum, total	80	80	J
SW-40	SMI	15-Nov-98	Aluminum, total	90	90	J
SW-40	SMI	17-May-99	Aluminum, total	90	90	J
SW-40	SMI	10-Dec-98	Aluminum, total	120	120	J
SW-40	SMI	14-Jan-99	Aluminum, total	120	120	J
SW-40	SMI	15-Jun-99	Aluminum, total	120	120	J
SW-40	SMI	20-Feb-99	Aluminum, total	210	210	
P403SW/P403SD	ECOENV	1-Apr-98	Aluminum, total	410	410	
SW-40	SMI	21-Apr-99	Aluminum, total	500	500	
P401SW/P401SD	ECOENV	1-Apr-98	Aluminum, total	111	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Aluminum, total	123	ND	U
P401SW/P401SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
SW-40	SMI	15-Jun-99	Arsenic, total	1	1	J
P401SW/P401SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-40	SMI	14-Oct-98	Arsenic, total	10	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	SMI	15-Nov-98	Arsenic, total	2	ND	U
SW-40	SMI	10-Dec-98	Arsenic, total	2	ND	U
SW-40	SMI	14-Jan-99	Arsenic, total	2	ND	U
SW-40	SMI	20-Feb-99	Arsenic, total	5	ND	U
SW-40	SMI	21-Apr-99	Arsenic, total	2	ND	U
SW-40	SMI	17-May-99	Arsenic, total	2	ND	U
SW-40	SMI	15-Jun-99	Barium, total	4.3	4.3	J
SW-40	SMI	21-Apr-99	Barium, total	4.8	4.8	
SW-40	SMI	17-May-99	Barium, total	4.8	4.8	
SW-40	SMI	14-Oct-98	Barium, total	5	5	J
SW-40	SMI	10-Dec-98	Barium, total	5	5	J
SW-40	SMI	15-Nov-98	Barium, total	6	6	
SW-40	SMI	14-Jan-99	Barium, total	6	6	
P402SW/P402SD	ECOENV	1-Apr-98	Barium, total	6.6	6.6	J
P401SW/P401SD	ECOENV	1-Apr-98	Barium, total	7.5	7.5	J
P403SW/P403SD	ECOENV	1-Apr-98	Barium, total	7.8	7.8	J
SW-40	SMI	20-Feb-99	Barium, total	8	8	
P401SW/P401SD	ECOENV	1-Apr-98	Beryllium, total	1	1	J
SW-40	SMI	21-Apr-99	Beryllium, total	14	14	
P402SW/P402SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Beryllium, total	1.3	ND	U
SW-40	SMI	14-Oct-98	Beryllium, total	2	ND	U
SW-40	SMI	15-Nov-98	Beryllium, total	2	ND	U
SW-40	SMI	10-Dec-98	Beryllium, total	2	ND	U
SW-40	SMI	14-Jan-99	Beryllium, total	2	ND	U
SW-40	SMI	20-Feb-99	Beryllium, total	2	ND	U
SW-40	SMI	17-May-99	Beryllium, total	2	ND	U
SW-40	SMI	15-Jun-99	Beryllium, total	2	ND	U
SW-40	SMI	15-Jun-99	Cadmium, total	0.2	0.2	J
P401SW/P401SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
SW-40	SMI	29-Apr-98	Cadmium, total	4	ND	U
SW-40	SMI	14-Oct-98	Cadmium, total	2	ND	U
SW-40	SMI	15-Nov-98	Cadmium, total	1	ND	U
SW-40	SMI	10-Dec-98	Cadmium, total	0.4	ND	U
SW-40	SMI	14-Jan-99	Cadmium, total	0.4	ND	U
SW-40	SMI	20-Feb-99	Cadmium, total	1	ND	U
SW-40	SMI	21-Apr-99	Cadmium, total	0.4	ND	U
SW-40	SMI	17-May-99	Cadmium, total	0.4	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Chromium, total	2.3	2.3	J
P401SW/P401SD	ECOENV	1-Apr-98	Chromium, total	4.4	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Chromium, total	2.1	ND	U
SW-40	SMI	14-Oct-98	Chromium, total	2	ND	U
SW-40	SMI	15-Nov-98	Chromium, total	1	ND	U
SW-40	SMI	10-Dec-98	Chromium, total	0.4	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	SMI	14-Jan-99	Chromium, total	0.4	ND	U
SW-40	SMI	20-Feb-99	Chromium, total	2	ND	U
SW-40	SMI	21-Apr-99	Chromium, total	0.4	ND	U
SW-40	SMI	17-May-99	Chromium, total	0.4	ND	U
SW-40	SMI	15-Jun-99	Chromium, total	0.3	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Cobalt, total	1.1	1.1	J
P403SW/P403SD	ECOENV	1-Apr-98	Cobalt, total	2.5	2.5	J
P401SW/P401SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
SW-40	SMI	15-Jun-99	Copper, total	2	2	J
SW-40	SMI	17-May-99	Copper, total	3	3	J
P403SW/P403SD	ECOENV	1-Apr-98	Copper, total	3.6	3.6	J
SW-40	SMI	15-Nov-98	Copper, total	5	5	J
SW-40	SMI	20-Feb-99	Copper, total	7	7	J
SW-40	SMI	29-Apr-98	Copper, total	10	10	
SW-40	SMI	10-Dec-98	Copper, total	10	10	J
P402SW/P402SD	ECOENV	1-Apr-98	Copper, total	17.2	17.2	J
P401SW/P401SD	ECOENV	1-Apr-98	Copper, total	23.1	23.1	J
SW-40	SMI	14-Oct-98	Copper, total	10	ND	U
SW-40	SMI	14-Jan-99	Copper, total	2	ND	U
SW-40	SMI	21-Apr-99	Copper, total	3	ND	U
SW-40	SMI	14-Oct-98	Iron, total	60	60	
SW-40	SMI	14-Jan-99	Iron, total	70	70	
SW-40	SMI	17-May-99	Iron, total	70	70	
SW-40	SMI	21-Apr-99	Iron, total	100	100	
SW-40	SMI	15-Jun-99	Iron, total	110	110	
SW-40	SMI	15-Nov-98	Iron, total	130	130	
SW-40	SMI	10-Dec-98	Iron, total	130	130	
SW-40	SMI	20-Feb-99	Iron, total	220	220	
P403SW/P403SD	ECOENV	1-Apr-98	Iron, total	539	539	
P401SW/P401SD	ECOENV	1-Apr-98	Iron, total	89.2	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Iron, total	95.8	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Lead, total	2.4	2.4	J
P401SW/P401SD	ECOENV	1-Apr-98	Lead, total	4.5	4.5	
P402SW/P402SD	ECOENV	1-Apr-98	Lead, total	7.3	7.3	
SW-40	SMI	14-Oct-98	Lead, total	2	ND	U
SW-40	SMI	15-Nov-98	Lead, total	1	ND	U
SW-40	SMI	10-Dec-98	Lead, total	0.4	ND	U
SW-40	SMI	14-Jan-99	Lead, total	0.4	ND	U
SW-40	SMI	20-Feb-99	Lead, total	1	ND	U
SW-40	SMI	21-Apr-99	Lead, total	0.4	ND	U
SW-40	SMI	17-May-99	Lead, total	0.4	ND	U
SW-40	SMI	15-Jun-99	Lead, total	0.2	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Magnesium, total	21600	21600	
P402SW/P402SD	ECOENV	1-Apr-98	Magnesium, total	24700	24700	
P401SW/P401SD	ECOENV	1-Apr-98	Magnesium, total	27700	27700	
SW-40	SMI	14-Oct-98	Manganese, total	262	262	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	SMI	10-Dec-98	Manganese, total	505	505	
SW-40	SMI	15-Nov-98	Manganese, total	518	518	
SW-40	SMI	14-Jan-99	Manganese, total	574	574	J
SW-40	SMI	21-Apr-99	Manganese, total	649	649	
SW-40	SMI	20-Feb-99	Manganese, total	663	663	
P403SW/P403SD	ECOENV	1-Apr-98	Manganese, total	717	717	
SW-40	SMI	15-Jun-99	Manganese, total	747	747	
SW-40	SMI	17-May-99	Manganese, total	764	764	J
P402SW/P402SD	ECOENV	1-Apr-98	Manganese, total	799	799	
P401SW/P401SD	ECOENV	1-Apr-98	Manganese, total	840	840	
SW-40	SMI	29-Apr-98	Manganese, total	880	880	
P401SW/P401SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
SW-40	SMI	14-Oct-98	Mercury, total	0.2	ND	U
SW-40	SMI	15-Nov-98	Mercury, total	0.2	ND	U
SW-40	SMI	10-Dec-98	Mercury, total	0.2	ND	U
SW-40	SMI	14-Jan-99	Mercury, total	0.2	ND	U
SW-40	SMI	20-Feb-99	Mercury, total	0.2	ND	U
SW-40	SMI	21-Apr-99	Mercury, total	0.2	ND	U
SW-40	SMI	17-May-99	Mercury, total	0.2	ND	U
SW-40	SMI	15-Jun-99	Mercury, total	0.2	ND	U
SW-40	SMI	14-Jan-99	Nickel, total	10	10	J
P401SW/P401SD	ECOENV	1-Apr-98	Nickel, total	12.2	12.2	J
P403SW/P403SD	ECOENV	1-Apr-98	Nickel, total	14.6	14.6	J
P402SW/P402SD	ECOENV	1-Apr-98	Nickel, total	15.7	15.7	J
SW-40	SMI	20-Feb-99	Nickel, total	20	20	J
SW-40	SMI	17-May-99	Nickel, total	30	30	J
SW-40	SMI	15-Jun-99	Nickel, total	30	30	J
SW-40	SMI	21-Apr-99	Nickel, total	660	660	
SW-40	SMI	14-Oct-98	Nickel, total	10	ND	U
SW-40	SMI	15-Nov-98	Nickel, total	10	ND	U
SW-40	SMI	10-Dec-98	Nickel, total	10	ND	U
SW-40	SMI	15-Nov-98	Selenium, total	3	3	J
P401SW/P401SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
SW-40	SMI	14-Oct-98	Selenium, total	1	ND	U
SW-40	SMI	10-Dec-98	Selenium, total	1	ND	U
SW-40	SMI	14-Jan-99	Selenium, total	1	ND	U
SW-40	SMI	20-Feb-99	Selenium, total	1	ND	U
SW-40	SMI	21-Apr-99	Selenium, total	1	ND	U
SW-40	SMI	17-May-99	Selenium, total	1	ND	U
SW-40	SMI	15-Jun-99	Selenium, total	1	ND	U
SW-40	SMI	17-May-99	Silver, total	10	10	J
P401SW/P401SD	ECOENV	1-Apr-98	Silver, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
P402SW/P402SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
SW-40	SMI	14-Oct-98	Silver, total	5	ND	U
SW-40	SMI	15-Nov-98	Silver, total	5	ND	U
SW-40	SMI	10-Dec-98	Silver, total	5	ND	U
SW-40	SMI	14-Jan-99	Silver, total	5	ND	U
SW-40	SMI	20-Feb-99	Silver, total	5	ND	U
SW-40	SMI	21-Apr-99	Silver, total	5	ND	U
SW-40	SMI	15-Jun-99	Silver, total	5	ND	U
P401SW/P401SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
SW-40	SMI	14-Oct-98	Thallium, total	1	ND	U
SW-40	SMI	15-Nov-98	Thallium, total	0.5	ND	U
SW-40	SMI	10-Dec-98	Thallium, total	0.2	ND	U
SW-40	SMI	14-Jan-99	Thallium, total	0.2	ND	U
SW-40	SMI	20-Feb-99	Thallium, total	0.5	ND	U
SW-40	SMI	21-Apr-99	Thallium, total	0.2	ND	U
SW-40	SMI	17-May-99	Thallium, total	0.2	ND	U
SW-40	SMI	15-Jun-99	Thallium, total	0.1	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Uranium, total	2330	2330	
P402SW/P402SD	ECOENV	1-Apr-98	Uranium, total	2350	2350	
P401SW/P401SD	ECOENV	1-Apr-98	Uranium, total	2640	2640	
P401SW/P401SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
SW-40	SMI	29-Apr-98	Zinc, total	7	7	
SW-40	SMI	15-Nov-98	Zinc, total	10	10	J
P403SW/P403SD	ECOENV	1-Apr-98	Zinc, total	14.3	14.3	J
P402SW/P402SD	ECOENV	1-Apr-98	Zinc, total	17	17	J
SW-40	SMI	17-May-99	Zinc, total	20	20	J
SW-40	SMI	14-Jan-99	Zinc, total	26	26	J
P401SW/P401SD	ECOENV	1-Apr-98	Zinc, total	28.1	28.1	
SW-40	SMI	21-Apr-99	Zinc, total	60	60	J
SW-40	SMI	14-Oct-98	Zinc, total	20	ND	U
SW-40	SMI	10-Dec-98	Zinc, total	20	ND	U
SW-40	SMI	20-Feb-99	Zinc, total	30	ND	U
SW-40	SMI	15-Jun-99	Zinc, total	26	ND	U
Upper Blue Creek						
SW-4	SMI	12-Nov-98	Aluminum, total	240	240	
SW-4	SMI	15-Oct-98	Aluminum, total	280	280	
SW-4	SMI	9-Dec-98	Aluminum, total	480	480	
BC10SW/BC10SD	URS	30-Sep-99	Aluminum, total	491	491	
SW-4	SMI	13-Jan-99	Aluminum, total	600	600	J
SW-4	SMI	13-Jan-99	Aluminum, total	600	600	J
SW-4	SMI	14-Jun-99	Aluminum, total	2130	2130	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	18-Feb-99	Aluminum, total	2450	2450	
BC10SW/BC10SD	ECOENV	1-Apr-98	Aluminum, total	3040	3040	
SW-4	SMI	16-May-99	Aluminum, total	3060	3060	
SW-4	SMI	21-Apr-99	Aluminum, total	4700	4700	
BC10SW/BC10SD	URS	5-Apr-00	Aluminum, total	5390	5390	J
SW-4	SMI	12-Mar-99	Aluminum, total	5680	5680	
BC10SW/BC10SD	ECOENV	1-Apr-98	Antimony, total	5.2	5.2	J
BC10SW/BC10SD	URS	30-Sep-99	Antimony, total	2.2	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Antimony, total	2.7	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Arsenic, total	0.57	0.57	
BC10SW/BC10SD	URS	5-Apr-00	Arsenic, total	1.5	1.5	
BC10SW/BC10SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-4	SMI	15-Oct-98	Arsenic, total	2	ND	U
SW-4	SMI	12-Nov-98	Arsenic, total	2	ND	U
SW-4	SMI	9-Dec-98	Arsenic, total	10	ND	U
SW-4	SMI	13-Jan-99	Arsenic, total	4	ND	U
SW-4	SMI	18-Feb-99	Arsenic, total	5	ND	U
SW-4	SMI	12-Mar-99	Arsenic, total	2	ND	U
SW-4	SMI	21-Apr-99	Arsenic, total	5	ND	U
SW-4	SMI	16-May-99	Arsenic, total	2	ND	U
SW-4	SMI	14-Jun-99	Arsenic, total	1	ND	U
SW-4	SMI	13-Jan-99	Arsenic, total	4	ND	U
SW-4	SMI	15-Oct-98	Barium, total	27.4	27.4	
SW-4	SMI	12-Nov-98	Barium, total	27.7	27.7	
BC10SW/BC10SD	URS	30-Sep-99	Barium, total	29.7	29.7	J
SW-4	SMI	14-Jun-99	Barium, total	31.4	31.4	
SW-4	SMI	13-Jan-99	Barium, total	32	32	
SW-4	SMI	13-Jan-99	Barium, total	32	32	
SW-4	SMI	9-Dec-98	Barium, total	33	33	
SW-4	SMI	16-May-99	Barium, total	35.5	35.5	
SW-4	SMI	18-Feb-99	Barium, total	39	39	
SW-4	SMI	21-Apr-99	Barium, total	43	43	
BC10SW/BC10SD	URS	5-Apr-00	Barium, total	45.9	45.9	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Barium, total	48.8	48.8	J
SW-4	SMI	12-Mar-99	Barium, total	49.7	49.7	
BC10SW/BC10SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Beryllium, total	0.1	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Beryllium, total	0.49	ND	U
SW-4	SMI	15-Oct-98	Beryllium, total	2	ND	U
SW-4	SMI	12-Nov-98	Beryllium, total	2	ND	U
SW-4	SMI	9-Dec-98	Beryllium, total	2	ND	U
SW-4	SMI	13-Jan-99	Beryllium, total	2	ND	U
SW-4	SMI	18-Feb-99	Beryllium, total	2	ND	U
SW-4	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-4	SMI	21-Apr-99	Beryllium, total	2	ND	U
SW-4	SMI	16-May-99	Beryllium, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	14-Jun-99	Beryllium, total	2	ND	U
SW-4	SMI	13-Jan-99	Beryllium, total	2	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Cadmium, total	1.5	1.5	J
BC10SW/BC10SD	URS	30-Sep-99	Cadmium, total	0.2	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Cadmium, total	0.5	ND	U
SW-4	SMI	27-Apr-98	Cadmium, total	4	ND	U
SW-4	SMI	15-Oct-98	Cadmium, total	0.4	ND	U
SW-4	SMI	12-Nov-98	Cadmium, total	0.4	ND	U
SW-4	SMI	9-Dec-98	Cadmium, total	2	ND	U
SW-4	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-4	SMI	18-Feb-99	Cadmium, total	1	ND	U
SW-4	SMI	12-Mar-99	Cadmium, total	0.4	ND	U
SW-4	SMI	21-Apr-99	Cadmium, total	1	ND	U
SW-4	SMI	16-May-99	Cadmium, total	0.4	ND	U
SW-4	SMI	14-Jun-99	Cadmium, total	0.2	ND	U
SW-4	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-4	SMI	13-Jan-99	Chromium, total	0.5	0.5	J
SW-4	SMI	13-Jan-99	Chromium, total	0.6	0.6	J
SW-4	SMI	15-Oct-98	Chromium, total	0.7	0.7	J
SW-4	SMI	14-Jun-99	Chromium, total	1.2	1.2	
SW-4	SMI	21-Apr-99	Chromium, total	2	2	J
SW-4	SMI	16-May-99	Chromium, total	2	2	
BC10SW/BC10SD	URS	5-Apr-00	Chromium, total	2.1	2.1	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Chromium, total	2.9	2.9	J
SW-4	SMI	9-Dec-98	Chromium, total	3	3	J
SW-4	SMI	12-Mar-99	Chromium, total	3.2	3.2	
BC10SW/BC10SD	URS	30-Sep-99	Chromium, total	0.59	ND	UJ
SW-4	SMI	12-Nov-98	Chromium, total	0.4	ND	U
SW-4	SMI	18-Feb-99	Chromium, total	3	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Cobalt, total	0.5	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Cobalt, total	1.2	ND	U
SW-4	SMI	14-Jun-99	Copper, total	1	1	J
SW-4	SMI	15-Oct-98	Copper, total	2	2	J
SW-4	SMI	16-May-99	Copper, total	3	3	J
SW-4	SMI	12-Mar-99	Copper, total	4	4	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Copper, total	24.7	24.7	J
BC10SW/BC10SD	URS	30-Sep-99	Copper, total	0.5	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Copper, total	3	ND	UJ
SW-4	SMI	27-Apr-98	Copper, total	10	ND	U
SW-4	SMI	12-Nov-98	Copper, total	2	ND	U
SW-4	SMI	9-Dec-98	Copper, total	10	ND	U
SW-4	SMI	13-Jan-99	Copper, total	2	ND	U
SW-4	SMI	18-Feb-99	Copper, total	5	ND	U
SW-4	SMI	21-Apr-99	Copper, total	5	ND	U
SW-4	SMI	13-Jan-99	Copper, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	12-Nov-98	Iron, total	220	220	
SW-4	SMI	15-Oct-98	Iron, total	250	250	
BC10SW/BC10SD	URS	30-Sep-99	Iron, total	390	390	
SW-4	SMI	13-Jan-99	Iron, total	420	420	
SW-4	SMI	9-Dec-98	Iron, total	460	460	
SW-4	SMI	13-Jan-99	Iron, total	490	490	
SW-4	SMI	14-Jun-99	Iron, total	1330	1330	
SW-4	SMI	18-Feb-99	Iron, total	1340	1340	
SW-4	SMI	16-May-99	Iron, total	2010	2010	
BC10SW/BC10SD	ECOENV	1-Apr-98	Iron, total	2700	2700	
BC10SW/BC10SD	URS	5-Apr-00	Iron, total	2910	2910	J
SW-4	SMI	21-Apr-99	Iron, total	3450	3450	
SW-4	SMI	12-Mar-99	Iron, total	4660	4660	
SW-4	SMI	14-Jun-99	Lead, total	0.8	0.8	J
SW-4	SMI	16-May-99	Lead, total	1.2	1.2	J
BC10SW/BC10SD	URS	5-Apr-00	Lead, total	1.9	1.9	J
SW-4	SMI	21-Apr-99	Lead, total	2	2	J
SW-4	SMI	12-Mar-99	Lead, total	2.2	2.2	
BC10SW/BC10SD	ECOENV	1-Apr-98	Lead, total	9.2	9.2	
BC10SW/BC10SD	URS	30-Sep-99	Lead, total	1	ND	U
SW-4	SMI	15-Oct-98	Lead, total	0.4	ND	U
SW-4	SMI	12-Nov-98	Lead, total	0.4	ND	U
SW-4	SMI	9-Dec-98	Lead, total	2	ND	U
SW-4	SMI	13-Jan-99	Lead, total	0.4	ND	U
SW-4	SMI	18-Feb-99	Lead, total	1	ND	U
SW-4	SMI	13-Jan-99	Lead, total	0.4	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Magnesium, total	1980	1980	
BC10SW/BC10SD	URS	30-Sep-99	Magnesium, total	2460	2460	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Magnesium, total	3020	3020	J
BC10SW/BC10SD	URS	30-Sep-99	Manganese, total	3.7	3.7	J
SW-4	SMI	13-Jan-99	Manganese, total	4.5	4.5	J
SW-4	SMI	12-Nov-98	Manganese, total	4.8	4.8	
SW-4	SMI	13-Jan-99	Manganese, total	6.9	6.9	J
SW-4	SMI	9-Dec-98	Manganese, total	7	7	J
SW-4	SMI	14-Jun-99	Manganese, total	11	11	
SW-4	SMI	21-Apr-99	Manganese, total	20	20	
BC10SW/BC10SD	URS	5-Apr-00	Manganese, total	23.4	23.4	
BC10SW/BC10SD	ECOENV	1-Apr-98	Manganese, total	23.6	23.6	
SW-4	SMI	12-Mar-99	Manganese, total	39.8	39.8	
SW-4	SMI	27-Apr-98	Manganese, total	20	ND	U
SW-4	SMI	15-Oct-98	Manganese, total	8	ND	U
SW-4	SMI	18-Feb-99	Manganese, total	8	ND	U
SW-4	SMI	16-May-99	Manganese, total	16	ND	UJ
SW-4	SMI	12-Mar-99	Mercury, total	0.3	0.3	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Mercury, total	0.1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC10SW/BC10SD	URS	5-Apr-00	Mercury, total	0.1	ND	U
SW-4	SMI	15-Oct-98	Mercury, total	0.2	ND	U
SW-4	SMI	12-Nov-98	Mercury, total	0.2	ND	U
SW-4	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-4	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-4	SMI	18-Feb-99	Mercury, total	0.2	ND	U
SW-4	SMI	21-Apr-99	Mercury, total	0.2	ND	U
SW-4	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-4	SMI	14-Jun-99	Mercury, total	0.2	ND	U
SW-4	SMI	13-Jan-99	Mercury, total	0.2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Nickel, total	0.72	0.72	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Nickel, total	2.1	2.1	J
BC10SW/BC10SD	URS	5-Apr-00	Nickel, total	2.1	ND	U
SW-4	SMI	15-Oct-98	Nickel, total	10	ND	U
SW-4	SMI	12-Nov-98	Nickel, total	10	ND	U
SW-4	SMI	9-Dec-98	Nickel, total	10	ND	U
SW-4	SMI	13-Jan-99	Nickel, total	10	ND	U
SW-4	SMI	18-Feb-99	Nickel, total	10	ND	U
SW-4	SMI	12-Mar-99	Nickel, total	10	ND	U
SW-4	SMI	21-Apr-99	Nickel, total	10	ND	U
SW-4	SMI	16-May-99	Nickel, total	10	ND	U
SW-4	SMI	14-Jun-99	Nickel, total	10	ND	U
SW-4	SMI	13-Jan-99	Nickel, total	10	ND	U
SW-4	SMI	12-Mar-99	Selenium, total	2	2	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Selenium, total	1	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Selenium, total	1.3	ND	U
SW-4	SMI	15-Oct-98	Selenium, total	1	ND	U
SW-4	SMI	12-Nov-98	Selenium, total	1	ND	U
SW-4	SMI	9-Dec-98	Selenium, total	1	ND	U
SW-4	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-4	SMI	18-Feb-99	Selenium, total	1	ND	U
SW-4	SMI	21-Apr-99	Selenium, total	1	ND	U
SW-4	SMI	16-May-99	Selenium, total	1	ND	U
SW-4	SMI	14-Jun-99	Selenium, total	1	ND	U
SW-4	SMI	13-Jan-99	Selenium, total	1	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Silver, total	0.7	ND	U
BC10SW/BC10SD	URS	5-Apr-00	Silver, total	0.8	ND	U
SW-4	SMI	15-Oct-98	Silver, total	5	ND	U
SW-4	SMI	12-Nov-98	Silver, total	5	ND	U
SW-4	SMI	9-Dec-98	Silver, total	5	ND	U
SW-4	SMI	13-Jan-99	Silver, total	30	ND	U
SW-4	SMI	18-Feb-99	Silver, total	5	ND	U
SW-4	SMI	12-Mar-99	Silver, total	5	ND	U
SW-4	SMI	21-Apr-99	Silver, total	5	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	SMI	16-May-99	Silver, total	5	ND	U
SW-4	SMI	14-Jun-99	Silver, total	5	ND	U
SW-4	SMI	13-Jan-99	Silver, total	30	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Thallium, total	1.1	ND	UJ
BC10SW/BC10SD	URS	5-Apr-00	Thallium, total	1.2	ND	UJ
SW-4	SMI	15-Oct-98	Thallium, total	0.2	ND	U
SW-4	SMI	12-Nov-98	Thallium, total	0.2	ND	U
SW-4	SMI	9-Dec-98	Thallium, total	1	ND	U
SW-4	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-4	SMI	18-Feb-99	Thallium, total	0.5	ND	U
SW-4	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-4	SMI	21-Apr-99	Thallium, total	0.5	ND	U
SW-4	SMI	16-May-99	Thallium, total	0.2	ND	U
SW-4	SMI	14-Jun-99	Thallium, total	0.1	ND	U
SW-4	SMI	13-Jan-99	Thallium, total	0.2	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Uranium, total	1.5	1.5	
BC10SW/BC10SD	URS	5-Apr-00	Vanadium, total	4.3	4.3	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Vanadium, total	5.6	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Vanadium, total	1.9	ND	UJ
SW-4	SMI	12-Nov-98	Zinc, total	5	5	J
BC10SW/BC10SD	URS	5-Apr-00	Zinc, total	6	6	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Zinc, total	60.3	60.3	
BC10SW/BC10SD	URS	30-Sep-99	Zinc, total	1.4	ND	U
SW-4	SMI	27-Apr-98	Zinc, total	5	ND	U
SW-4	SMI	15-Oct-98	Zinc, total	4	ND	U
SW-4	SMI	9-Dec-98	Zinc, total	20	ND	U
SW-4	SMI	13-Jan-99	Zinc, total	8	ND	U
SW-4	SMI	18-Feb-99	Zinc, total	10	ND	U
SW-4	SMI	12-Mar-99	Zinc, total	14	ND	U
SW-4	SMI	21-Apr-99	Zinc, total	30	ND	U
SW-4	SMI	16-May-99	Zinc, total	7	ND	U
SW-4	SMI	14-Jun-99	Zinc, total	6	ND	U
SW-4	SMI	13-Jan-99	Zinc, total	8	ND	U
Upper Eastern Drainage						
ED04-SD/ED-2A	URS	6-Apr-00	Aluminum, total	36.1	36.1	J
SW-02/SDED-6	SMI	9-Dec-98	Aluminum, total	40	40	J
SW-02/SDED-6	SMI	12-Mar-99	Aluminum, total	40	40	J
SW-11	SMI	13-Jan-99	Aluminum, total	50	50	J
SW-11	SMI	12-Nov-98	Aluminum, total	70	70	J
SW-02/SDED-6	URS	26-Sep-99	Aluminum, total	105	105	J
SW-02/SDED-6	SMI	12-Nov-98	Aluminum, total	110	110	J
SWED-02/SDED-04	URS	10-Sep-99	Aluminum, total	112	112	J
SW-02/SDED-6	SMI	16-Oct-98	Aluminum, total	120	120	J
SW-02/SDED-6	SMI	14-Jun-99	Aluminum, total	140	140	J
SWED-01/SDED-03	URS	10-Sep-99	Aluminum, total	146	146	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	19-Feb-99	Aluminum, total	150	150	J
ED-4A/SDED-02	URS	10-Sep-99	Aluminum, total	161	161	J
ED04-SD/ED-2A	URS	25-Sep-99	Aluminum, total	168	168	J
SW-02/SDED-6	SMI	16-May-99	Aluminum, total	200	200	J
SW-02/SDED-6	SMI	16-May-99	Aluminum, total	220	220	J
SW-02/SDED-6	SMI	20-Apr-99	Aluminum, total	230	230	J
SW-02/SDED-6	URS	6-Apr-00	Aluminum, total	253	253	J
SWED-02/SDED-04	URS	5-Apr-00	Aluminum, total	277	277	J
SWED-01/SDED-03	URS	6-Apr-00	Aluminum, total	282	282	J
SW-11	SMI	16-May-99	Aluminum, total	310	310	
ED03SW/ED03SD	ECOENV	1-Apr-98	Aluminum, total	388	388	
SW-11	SMI	20-Apr-99	Aluminum, total	390	390	
ED-4A/SDED-02	URS	6-Apr-00	Aluminum, total	396	396	J
SW-11	SMI	18-Feb-99	Aluminum, total	400	400	
SW-11	SMI	14-Jun-99	Aluminum, total	430	430	
ED04-SD/ED-2A	URS	9-Mar-00	Aluminum, total	740	740	
SW-11	SMI	16-Oct-98	Aluminum, total	790	790	
SW-11	SMI	12-Mar-99	Aluminum, total	1140	1140	
SWED-02/SDED-04	URS	9-Mar-00	Aluminum, total	1470	1470	
SWED-02/SDED-04	URS	9-Mar-00	Aluminum, total	1780	1780	
ED04SW/ED04SD	ECOENV	1-Apr-98	Aluminum, total	2150	2150	
ED05SW/ED05SD	ECOENV	1-Apr-98	Aluminum, total	85.5	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Aluminum, total	30	ND	U
SW-11	SMI	9-Dec-98	Aluminum, total	30	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Antimony, total	3	3	J
SWED-01/SDED-03	URS	6-Apr-00	Antimony, total	3.3	3.3	
SW-02/SDED-6	URS	6-Apr-00	Antimony, total	4.8	4.8	
ED03SW/ED03SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Antimony, total	2.2	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Antimony, total	2.2	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Antimony, total	5	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Antimony, total	2.2	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Antimony, total	2.7	ND	U
SW-02/SDED-6	URS	26-Sep-99	Antimony, total	2.2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Antimony, total	2.2	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Antimony, total	2.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Antimony, total	2.2	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Antimony, total	2.7	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Antimony, total	2.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Arsenic, total	0.88	0.88	
ED04-SD/ED-2A	URS	25-Sep-99	Arsenic, total	0.98	0.98	
ED-4A/SDED-02	URS	10-Sep-99	Arsenic, total	1.2	1.2	
SWED-02/SDED-04	URS	10-Sep-99	Arsenic, total	1.3	1.3	
SWED-01/SDED-03	URS	10-Sep-99	Arsenic, total	1.5	1.5	
SW-02/SDED-6	SMI	13-Jan-99	Arsenic, total	2	2	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	12-Mar-99	Arsenic, total	2	2	J
SW-11	SMI	9-Dec-98	Arsenic, total	2	2	J
SWED-02/SDED-04	URS	5-Apr-00	Arsenic, total	2.8	2.8	
SW-02/SDED-6	SMI	14-Jun-99	Arsenic, total	3	3	J
SW-11	SMI	13-Jan-99	Arsenic, total	3	3	J
SW-11	SMI	12-Mar-99	Arsenic, total	3	3	J
SW-11	SMI	14-Jun-99	Arsenic, total	3	3	J
SWED-02/SDED-04	URS	9-Mar-00	Arsenic, total	3	3	
SWED-02/SDED-04	URS	9-Mar-00	Arsenic, total	3	3	
ED04-SD/ED-2A	URS	9-Mar-00	Arsenic, total	3.1	3.1	
ED04-SD/ED-2A	URS	6-Apr-00	Arsenic, total	3.3	3.3	
ED-4A/SDED-02	URS	6-Apr-00	Arsenic, total	3.8	3.8	
SW-02/SDED-6	URS	6-Apr-00	Arsenic, total	3.9	3.9	
SWED-01/SDED-03	URS	6-Apr-00	Arsenic, total	3.9	3.9	
ED04SW/ED04SD	ECOENV	1-Apr-98	Arsenic, total	9.3	9.3	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Arsenic, total	6	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Arsenic, total	5	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Arsenic, total	10	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Arsenic, total	2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Arsenic, total	5	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Arsenic, total	5	ND	U
SW-02/SDED-6	SMI	16-May-99	Arsenic, total	5	ND	U
SW-02/SDED-6	SMI	16-May-99	Arsenic, total	5	ND	U
SW-11	SMI	16-Oct-98	Arsenic, total	5	ND	U
SW-11	SMI	12-Nov-98	Arsenic, total	5	ND	U
SW-11	SMI	18-Feb-99	Arsenic, total	5	ND	U
SW-11	SMI	20-Apr-99	Arsenic, total	5	ND	U
SW-11	SMI	16-May-99	Arsenic, total	10	ND	U
SW-11	SMI	16-Oct-98	Barium, total	19	19	
SW-02/SDED-6	SMI	13-Jan-99	Barium, total	25.8	25.8	
SW-02/SDED-6	SMI	19-Feb-99	Barium, total	27	27	
SWED-02/SDED-04	URS	5-Apr-00	Barium, total	27.1	27.1	J
SW-02/SDED-6	SMI	9-Dec-98	Barium, total	29	29	
SW-11	SMI	9-Dec-98	Barium, total	30.1	30.1	
SW-02/SDED-6	SMI	12-Mar-99	Barium, total	32.6	32.6	
SW-11	SMI	13-Jan-99	Barium, total	32.7	32.7	
SWED-02/SDED-04	URS	9-Mar-00	Barium, total	32.8	32.8	J
SWED-02/SDED-04	URS	9-Mar-00	Barium, total	34.9	34.9	J
SW-11	SMI	18-Feb-99	Barium, total	35	35	
ED04-SD/ED-2A	URS	6-Apr-00	Barium, total	35.2	35.2	J
SW-02/SDED-6	URS	6-Apr-00	Barium, total	37.2	37.2	J
SW-11	SMI	12-Mar-99	Barium, total	37.6	37.6	
SWED-01/SDED-03	URS	6-Apr-00	Barium, total	38.3	38.3	J
ED-4A/SDED-02	URS	6-Apr-00	Barium, total	41.4	41.4	J
ED04-SD/ED-2A	URS	9-Mar-00	Barium, total	47.9	47.9	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
ED05SW/ED05SD	ECOENV	1-Apr-98	Barium, total	54.9	54.9	J
SW-02/SDED-6	SMI	16-Oct-98	Barium, total	55	55	
ED04-SD/ED-2A	URS	25-Sep-99	Barium, total	55.4	55.4	J
SW-02/SDED-6	URS	26-Sep-99	Barium, total	57	57	J
SW-11	SMI	12-Nov-98	Barium, total	59	59	
ED03SW/ED03SD	ECOENV	1-Apr-98	Barium, total	59.1	59.1	J
SW-02/SDED-6	SMI	12-Nov-98	Barium, total	60	60	
SWED-02/SDED-04	URS	10-Sep-99	Barium, total	61.3	61.3	J
ED-4A/SDED-02	URS	10-Sep-99	Barium, total	62.8	62.8	J
SWED-01/SDED-03	URS	10-Sep-99	Barium, total	63.6	63.6	J
SW-02/SDED-6	SMI	16-May-99	Barium, total	64	64	J
SW-02/SDED-6	SMI	16-May-99	Barium, total	67	67	J
SW-02/SDED-6	SMI	14-Jun-99	Barium, total	68.8	68.8	J
ED04SW/ED04SD	ECOENV	1-Apr-98	Barium, total	72.5	72.5	J
SW-11	SMI	14-Jun-99	Barium, total	74	74	
SW-11	SMI	16-May-99	Barium, total	81	81	
SW-11	SMI	20-Apr-99	Barium, total	101	101	
SW-02/SDED-6	SMI	20-Apr-99	Barium, total	105	105	
ED03SW/ED03SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Beryllium, total	0.24	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Beryllium, total	0.22	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Beryllium, total	0.11	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Beryllium, total	1.3	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Beryllium, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Beryllium, total	0.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Beryllium, total	0.25	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Beryllium, total	4	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Beryllium, total	4	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Beryllium, total	2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Beryllium, total	2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Beryllium, total	2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Beryllium, total	4	ND	U
SW-02/SDED-6	SMI	16-May-99	Beryllium, total	4	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Beryllium, total	2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Beryllium, total	0.14	ND	U
SW-02/SDED-6	URS	6-Apr-00	Beryllium, total	0.15	ND	U
SW-02/SDED-6	SMI	16-May-99	Beryllium, total	4	ND	U
SW-11	SMI	16-Oct-98	Beryllium, total	4	ND	U
SW-11	SMI	12-Nov-98	Beryllium, total	4	ND	U
SW-11	SMI	9-Dec-98	Beryllium, total	2	ND	U
SW-11	SMI	13-Jan-99	Beryllium, total	2	ND	U
SW-11	SMI	18-Feb-99	Beryllium, total	2	ND	U
SW-11	SMI	12-Mar-99	Beryllium, total	2	ND	U
SW-11	SMI	20-Apr-99	Beryllium, total	4	ND	U
SW-11	SMI	16-May-99	Beryllium, total	4	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	14-Jun-99	Beryllium, total	2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Beryllium, total	0.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Beryllium, total	0.21	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Beryllium, total	0.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Beryllium, total	0.63	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Beryllium, total	0.51	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Beryllium, total	0.73	ND	U
SW-11	SMI	14-Jun-99	Cadmium, total	0.2	0.2	J
SWED-02/SDED-04	URS	10-Sep-99	Cadmium, total	0.57	0.57	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Cadmium, total	1.1	1.1	J
ED05SW/ED05SD	ECOENV	1-Apr-98	Cadmium, total	1.2	1.2	J
SW-11	SMI	16-Oct-98	Cadmium, total	3	3	J
SWED-02/SDED-04	URS	5-Apr-00	Cadmium, total	3.9	3.9	
SWED-02/SDED-04	URS	9-Mar-00	Cadmium, total	4.4	4.4	
SWED-02/SDED-04	URS	9-Mar-00	Cadmium, total	4.4	4.4	
ED04-SD/ED-2A	URS	25-Sep-99	Cadmium, total	0.2	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Cadmium, total	0.2	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Cadmium, total	0.5	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Cadmium, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Cadmium, total	0.2	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Cadmium, total	0.5	ND	U
SW-02/SDED-6	SMI	30-Apr-98	Cadmium, total	4	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Cadmium, total	1	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Cadmium, total	2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Cadmium, total	0.4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Cadmium, total	1	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Cadmium, total	0.4	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Cadmium, total	1	ND	U
SW-02/SDED-6	SMI	16-May-99	Cadmium, total	1	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Cadmium, total	0.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Cadmium, total	0.2	ND	U
SW-02/SDED-6	URS	6-Apr-00	Cadmium, total	0.5	ND	U
SW-02/SDED-6	SMI	16-May-99	Cadmium, total	1	ND	U
SW-11	SMI	27-Apr-98	Cadmium, total	4	ND	U
SW-11	SMI	12-Nov-98	Cadmium, total	2	ND	U
SW-11	SMI	9-Dec-98	Cadmium, total	0.4	ND	U
SW-11	SMI	13-Jan-99	Cadmium, total	0.4	ND	U
SW-11	SMI	18-Feb-99	Cadmium, total	1	ND	U
SW-11	SMI	12-Mar-99	Cadmium, total	0.4	ND	U
SW-11	SMI	20-Apr-99	Cadmium, total	1	ND	U
SW-11	SMI	16-May-99	Cadmium, total	2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Cadmium, total	0.2	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Cadmium, total	0.5	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Chromium, total	0.5	0.5	J
SW-11	SMI	13-Jan-99	Chromium, total	0.5	0.5	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	12-Mar-99	Chromium, total	0.7	0.7	J
SW-02/SDED-6	SMI	20-Apr-99	Chromium, total	2	2	J
SW-02/SDED-6	SMI	16-May-99	Chromium, total	2	2	J
SW-02/SDED-6	SMI	16-May-99	Chromium, total	2	2	J
SW-11	SMI	12-Nov-98	Chromium, total	2	2	J
SW-11	SMI	20-Apr-99	Chromium, total	2	2	J
SW-02/SDED-6	URS	26-Sep-99	Chromium, total	2.4	2.4	J
SW-02/SDED-6	SMI	14-Jun-99	Chromium, total	2.7	2.7	
SW-11	SMI	14-Jun-99	Chromium, total	2.9	2.9	
SW-02/SDED-6	SMI	12-Nov-98	Chromium, total	3	3	J
SW-11	SMI	16-May-99	Chromium, total	3	3	J
SW-02/SDED-6	SMI	16-Oct-98	Chromium, total	4	4	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Chromium, total	15.9	15.9	
ED04SW/ED04SD	ECOENV	1-Apr-98	Chromium, total	16.9	16.9	
ED04-SD/ED-2A	URS	25-Sep-99	Chromium, total	0.4	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Chromium, total	0.4	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Chromium, total	1.1	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Chromium, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Chromium, total	0.4	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Chromium, total	1.1	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Chromium, total	0.4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Chromium, total	2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Chromium, total	0.4	ND	U
SW-02/SDED-6	URS	6-Apr-00	Chromium, total	1.1	ND	U
SW-11	SMI	16-Oct-98	Chromium, total	1	ND	U
SW-11	SMI	9-Dec-98	Chromium, total	0.4	ND	U
SW-11	SMI	18-Feb-99	Chromium, total	2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Chromium, total	0.4	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Chromium, total	1.1	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Chromium, total	1.3	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Chromium, total	1.5	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Chromium, total	1.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Chromium, total	0.64	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Cobalt, total	1.4	1.4	J
SWED-02/SDED-04	URS	5-Apr-00	Cobalt, total	1.5	1.5	J
ED04SW/ED04SD	ECOENV	1-Apr-98	Cobalt, total	2.4	2.4	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Cobalt, total	0.5	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Cobalt, total	0.6	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Cobalt, total	1.2	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Cobalt, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Cobalt, total	0.5	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Cobalt, total	1.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Cobalt, total	0.5	ND	U
SW-02/SDED-6	URS	6-Apr-00	Cobalt, total	1.2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Cobalt, total	0.5	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SWED-01/SDED-03	URS	6-Apr-00	Cobalt, total	1.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Cobalt, total	2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Cobalt, total	2.5	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Copper, total	0.99	0.99	J
SW-02/SDED-6	URS	26-Sep-99	Copper, total	1.5	1.5	J
SW-02/SDED-6	SMI	13-Jan-99	Copper, total	2	2	J
SW-02/SDED-6	SMI	14-Jun-99	Copper, total	3	3	J
SW-11	SMI	13-Jan-99	Copper, total	3	3	J
SW-11	SMI	14-Jun-99	Copper, total	3	3	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Copper, total	4.4	4.4	J
SW-02/SDED-6	SMI	19-Feb-99	Copper, total	8	8	J
SW-02/SDED-6	SMI	16-May-99	Copper, total	8	8	J
SW-02/SDED-6	SMI	16-May-99	Copper, total	8	8	J
SW-11	SMI	12-Nov-98	Copper, total	8	8	J
SW-02/SDED-6	SMI	12-Mar-99	Copper, total	9	9	J
SW-02/SDED-6	SMI	12-Nov-98	Copper, total	10	10	J
SW-11	SMI	12-Mar-99	Copper, total	10	10	
SW-11	SMI	16-May-99	Copper, total	10	10	J
SW-11	SMI	18-Feb-99	Copper, total	12	12	J
SW-02/SDED-6	SMI	9-Dec-98	Copper, total	15	15	
SW-11	SMI	9-Dec-98	Copper, total	16	16	
SW-02/SDED-6	SMI	30-Apr-98	Copper, total	20	20	
SW-11	SMI	27-Apr-98	Copper, total	20	20	
ED04SW/ED04SD	ECOENV	1-Apr-98	Copper, total	24.3	24.3	J
SW-11	SMI	16-Oct-98	Copper, total	38	38	
SW-02/SDED-6	SMI	16-Oct-98	Copper, total	51	51	
ED04-SD/ED-2A	URS	25-Sep-99	Copper, total	0.5	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Copper, total	1.3	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Copper, total	0.9	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Copper, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Copper, total	0.5	ND	UJ
ED-4A/SDED-02	URS	6-Apr-00	Copper, total	0.99	ND	UJ
SW-02/SDED-6	SMI	20-Apr-99	Copper, total	10	ND	U
SW-02/SDED-6	URS	6-Apr-00	Copper, total	0.94	ND	U
SW-11	SMI	20-Apr-99	Copper, total	9	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Copper, total	0.5	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Copper, total	0.99	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Copper, total	1.4	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Copper, total	0.9	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Copper, total	0.53	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Iron, total	20	20	J
SW-02/SDED-6	SMI	12-Mar-99	Iron, total	20	20	J
SW-02/SDED-6	SMI	12-Nov-98	Iron, total	30	30	J
SW-11	SMI	16-Oct-98	Iron, total	40	40	J
SW-11	SMI	13-Jan-99	Iron, total	40	40	J
ED04-SD/ED-2A	URS	25-Sep-99	Iron, total	47.5	47.5	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	12-Nov-98	Iron, total	50	50	J
SW-02/SDED-6	SMI	16-Oct-98	Iron, total	80	80	J
SW-02/SDED-6	SMI	14-Jun-99	Iron, total	90	90	
SW-02/SDED-6	SMI	16-May-99	Iron, total	130	130	
SW-02/SDED-6	URS	6-Apr-00	Iron, total	134	134	J
SW-02/SDED-6	SMI	19-Feb-99	Iron, total	140	140	
SW-02/SDED-6	SMI	20-Apr-99	Iron, total	140	140	
SW-02/SDED-6	SMI	16-May-99	Iron, total	150	150	
ED03SW/ED03SD	ECOENV	1-Apr-98	Iron, total	213	213	
ED-4A/SDED-02	URS	6-Apr-00	Iron, total	227	227	J
SW-11	SMI	16-May-99	Iron, total	230	230	
SW-11	SMI	20-Apr-99	Iron, total	290	290	
ED04-SD/ED-2A	URS	9-Mar-00	Iron, total	339	339	
SW-11	SMI	18-Feb-99	Iron, total	350	350	
SW-11	SMI	14-Jun-99	Iron, total	350	350	
SW-11	SMI	12-Mar-99	Iron, total	650	650	
SWED-02/SDED-04	URS	9-Mar-00	Iron, total	835	835	
SWED-02/SDED-04	URS	9-Mar-00	Iron, total	863	863	
ED04SW/ED04SD	ECOENV	1-Apr-98	Iron, total	3920	3920	
ED04-SD/ED-2A	URS	6-Apr-00	Iron, total	17.6	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Iron, total	18	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Iron, total	8.4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Iron, total	20	ND	U
SW-02/SDED-6	URS	26-Sep-99	Iron, total	8.4	ND	U
SW-11	SMI	9-Dec-98	Iron, total	10	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Iron, total	8.4	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Iron, total	17.6	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Iron, total	33.1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Iron, total	17.6	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Lead, total	0.3	0.3	J
SW-11	SMI	14-Jun-99	Lead, total	0.4	0.4	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Lead, total	2.3	2.3	
ED04SW/ED04SD	ECOENV	1-Apr-98	Lead, total	5.9	5.9	
ED04-SD/ED-2A	URS	25-Sep-99	Lead, total	1	ND	UJ
ED04-SD/ED-2A	URS	9-Mar-00	Lead, total	1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Lead, total	0.9	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Lead, total	2	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Lead, total	1	ND	UJ
ED-4A/SDED-02	URS	6-Apr-00	Lead, total	0.9	ND	UJ
SW-02/SDED-6	SMI	16-Oct-98	Lead, total	1	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Lead, total	2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Lead, total	0.4	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Lead, total	0.4	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Lead, total	1	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Lead, total	0.4	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Lead, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	16-May-99	Lead, total	1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Lead, total	1	ND	UJ
SW-02/SDED-6	URS	6-Apr-00	Lead, total	0.9	ND	U
SW-02/SDED-6	SMI	16-May-99	Lead, total	1	ND	U
SW-11	SMI	16-Oct-98	Lead, total	1	ND	U
SW-11	SMI	12-Nov-98	Lead, total	2	ND	U
SW-11	SMI	9-Dec-98	Lead, total	0.4	ND	U
SW-11	SMI	13-Jan-99	Lead, total	0.4	ND	U
SW-11	SMI	18-Feb-99	Lead, total	1	ND	U
SW-11	SMI	12-Mar-99	Lead, total	0.4	ND	U
SW-11	SMI	20-Apr-99	Lead, total	1	ND	U
SW-11	SMI	16-May-99	Lead, total	2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Lead, total	1	ND	UJ
SWED-01/SDED-03	URS	6-Apr-00	Lead, total	0.9	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Lead, total	1	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Lead, total	1	ND	UJ
SWED-02/SDED-04	URS	5-Apr-00	Lead, total	0.9	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Lead, total	1	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Magnesium, total	28500	28500	J
SW-02/SDED-6	URS	6-Apr-00	Magnesium, total	29100	29100	
ED04-SD/ED-2A	URS	6-Apr-00	Magnesium, total	35900	35900	
SWED-01/SDED-03	URS	6-Apr-00	Magnesium, total	56600	56600	
ED-4A/SDED-02	URS	6-Apr-00	Magnesium, total	57600	57600	
SWED-02/SDED-04	URS	9-Mar-00	Magnesium, total	69800	69800	J
SWED-02/SDED-04	URS	9-Mar-00	Magnesium, total	73400	73400	J
SWED-02/SDED-04	URS	5-Apr-00	Magnesium, total	80000	80000	
SW-02/SDED-6	URS	26-Sep-99	Magnesium, total	90500	90500	
ED04-SD/ED-2A	URS	25-Sep-99	Magnesium, total	93200	93200	
SWED-01/SDED-03	URS	10-Sep-99	Magnesium, total	100000	100000	
ED03SW/ED03SD	ECOENV	1-Apr-98	Magnesium, total	101000	101000	
ED05SW/ED05SD	ECOENV	1-Apr-98	Magnesium, total	103000	103000	
ED-4A/SDED-02	URS	10-Sep-99	Magnesium, total	104000	104000	
SWED-02/SDED-04	URS	10-Sep-99	Magnesium, total	104000	104000	
ED04SW/ED04SD	ECOENV	1-Apr-98	Magnesium, total	117000	117000	
SW-11	SMI	9-Dec-98	Manganese, total	4.3	4.3	
SW-02/SDED-6	SMI	13-Jan-99	Manganese, total	6.6	6.6	J
SW-11	SMI	13-Jan-99	Manganese, total	9.7	9.7	J
SWED-01/SDED-03	URS	6-Apr-00	Manganese, total	11.5	11.5	J
SW-11	SMI	12-Mar-99	Manganese, total	17	17	
SW-02/SDED-6	SMI	9-Dec-98	Manganese, total	20.8	20.8	
SW-11	SMI	18-Feb-99	Manganese, total	23	23	
SW-02/SDED-6	SMI	19-Feb-99	Manganese, total	24	24	
ED04-SD/ED-2A	URS	6-Apr-00	Manganese, total	27.3	27.3	
SW-02/SDED-6	SMI	12-Mar-99	Manganese, total	33.7	33.7	J
ED-4A/SDED-02	URS	6-Apr-00	Manganese, total	45.8	45.8	
SW-11	SMI	27-Apr-98	Manganese, total	50	50	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	20-Apr-99	Manganese, total	54	54	
ED04-SD/ED-2A	URS	9-Mar-00	Manganese, total	60.7	60.7	
SW-11	SMI	16-May-99	Manganese, total	70	70	J
SWED-01/SDED-03	URS	10-Sep-99	Manganese, total	84.9	84.9	
SW-02/SDED-6	URS	6-Apr-00	Manganese, total	88.6	88.6	
SW-11	SMI	12-Nov-98	Manganese, total	92	92	
SW-11	SMI	14-Jun-99	Manganese, total	94.4	94.4	
SW-02/SDED-6	SMI	14-Jun-99	Manganese, total	96.8	96.8	
SW-02/SDED-6	SMI	20-Apr-99	Manganese, total	97	97	
SW-02/SDED-6	SMI	16-May-99	Manganese, total	104	104	J
ED-4A/SDED-02	URS	10-Sep-99	Manganese, total	125	125	
SW-02/SDED-6	SMI	30-Apr-98	Manganese, total	130	130	
SW-02/SDED-6	URS	26-Sep-99	Manganese, total	130	130	
ED04-SD/ED-2A	URS	25-Sep-99	Manganese, total	141	141	
SW-02/SDED-6	SMI	16-Oct-98	Manganese, total	160	160	
ED05SW/ED05SD	ECOENV	1-Apr-98	Manganese, total	168	168	
ED03SW/ED03SD	ECOENV	1-Apr-98	Manganese, total	169	169	
SW-02/SDED-6	SMI	16-May-99	Manganese, total	172	172	J
SW-02/SDED-6	SMI	12-Nov-98	Manganese, total	186	186	
ED04SW/ED04SD	ECOENV	1-Apr-98	Manganese, total	287	287	
SWED-02/SDED-04	URS	10-Sep-99	Manganese, total	346	346	
SWED-02/SDED-04	URS	5-Apr-00	Manganese, total	5470	5470	
SWED-02/SDED-04	URS	9-Mar-00	Manganese, total	5840	5840	
SWED-02/SDED-04	URS	9-Mar-00	Manganese, total	6060	6060	
SW-11	SMI	16-Oct-98	Manganese, total	15900	15900	
SWED-02/SDED-04	URS	9-Mar-00	Mercury, total	0.1	0.1	
ED03SW/ED03SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Mercury, total	0.1	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Mercury, total	0.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Mercury, total	0.1	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Mercury, total	0.2	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Mercury, total	0.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Mercury, total	0.1	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Mercury, total	0.2	ND	U
SW-02/SDED-6	URS	26-Sep-99	Mercury, total	0.1	ND	U
SW-02/SDED-6	URS	6-Apr-00	Mercury, total	0.1	ND	U
SW-02/SDED-6	SMI	16-May-99	Mercury, total	0.2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	16-Oct-98	Mercury, total	0.2	ND	U
SW-11	SMI	12-Nov-98	Mercury, total	0.2	ND	U
SW-11	SMI	9-Dec-98	Mercury, total	0.2	ND	U
SW-11	SMI	13-Jan-99	Mercury, total	0.2	ND	U
SW-11	SMI	18-Feb-99	Mercury, total	0.2	ND	U
SW-11	SMI	12-Mar-99	Mercury, total	0.2	ND	U
SW-11	SMI	20-Apr-99	Mercury, total	0.2	ND	U
SW-11	SMI	16-May-99	Mercury, total	0.2	ND	U
SW-11	SMI	14-Jun-99	Mercury, total	0.2	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Mercury, total	0.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Mercury, total	0.1	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Mercury, total	0.1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Mercury, total	0.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Mercury, total	0.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Nickel, total	0.91	0.91	J
ED04-SD/ED-2A	URS	9-Mar-00	Nickel, total	1.9	1.9	J
ED04-SD/ED-2A	URS	25-Sep-99	Nickel, total	2.2	2.2	J
SW-02/SDED-6	URS	6-Apr-00	Nickel, total	2.2	2.2	J
SW-02/SDED-6	URS	26-Sep-99	Nickel, total	4.3	4.3	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Nickel, total	8.5	8.5	J
SWED-02/SDED-04	URS	10-Sep-99	Nickel, total	8.8	8.8	J
ED04SW/ED04SD	ECOENV	1-Apr-98	Nickel, total	13.3	13.3	J
SWED-02/SDED-04	URS	5-Apr-00	Nickel, total	131	131	
SWED-02/SDED-04	URS	9-Mar-00	Nickel, total	137	137	
SWED-02/SDED-04	URS	9-Mar-00	Nickel, total	144	144	
SW-11	SMI	16-Oct-98	Nickel, total	320	320	
ED05SW/ED05SD	ECOENV	1-Apr-98	Nickel, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Nickel, total	0.5	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Nickel, total	1.2	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Nickel, total	20	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Nickel, total	20	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Nickel, total	10	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Nickel, total	10	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Nickel, total	10	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Nickel, total	10	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Nickel, total	20	ND	U
SW-02/SDED-6	SMI	16-May-99	Nickel, total	20	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Nickel, total	10	ND	U
SW-02/SDED-6	SMI	16-May-99	Nickel, total	20	ND	U
SW-11	SMI	12-Nov-98	Nickel, total	20	ND	U
SW-11	SMI	9-Dec-98	Nickel, total	10	ND	U
SW-11	SMI	13-Jan-99	Nickel, total	10	ND	U
SW-11	SMI	18-Feb-99	Nickel, total	10	ND	U
SW-11	SMI	12-Mar-99	Nickel, total	10	ND	U
SW-11	SMI	20-Apr-99	Nickel, total	20	ND	U
SW-11	SMI	16-May-99	Nickel, total	20	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-11	SMI	14-Jun-99	Nickel, total	10	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Nickel, total	0.5	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Nickel, total	1.6	ND	U
ED03SW/ED03SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Selenium, total	2	ND	UJ
ED04-SD/ED-2A	URS	9-Mar-00	Selenium, total	1	ND	UJ
ED04-SD/ED-2A	URS	6-Apr-00	Selenium, total	1.3	ND	UJ
ED04SW/ED04SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Selenium, total	4	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Selenium, total	2	ND	UJ
ED-4A/SDED-02	URS	6-Apr-00	Selenium, total	1.3	ND	UJ
SW-02/SDED-6	SMI	16-Oct-98	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	16-May-99	Selenium, total	1	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Selenium, total	1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Selenium, total	2	ND	UJ
SW-02/SDED-6	URS	6-Apr-00	Selenium, total	1.3	ND	UJ
SW-02/SDED-6	SMI	16-May-99	Selenium, total	1	ND	U
SW-11	SMI	16-Oct-98	Selenium, total	1	ND	U
SW-11	SMI	12-Nov-98	Selenium, total	1	ND	U
SW-11	SMI	9-Dec-98	Selenium, total	1	ND	U
SW-11	SMI	13-Jan-99	Selenium, total	1	ND	U
SW-11	SMI	18-Feb-99	Selenium, total	1	ND	U
SW-11	SMI	12-Mar-99	Selenium, total	1	ND	U
SW-11	SMI	20-Apr-99	Selenium, total	1	ND	U
SW-11	SMI	16-May-99	Selenium, total	1	ND	U
SW-11	SMI	14-Jun-99	Selenium, total	1	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Selenium, total	2	ND	UJ
SWED-01/SDED-03	URS	6-Apr-00	Selenium, total	1.3	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Selenium, total	2	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Selenium, total	1	ND	UJ
SWED-02/SDED-04	URS	5-Apr-00	Selenium, total	1.3	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Selenium, total	1	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Silver, total	0.7	0.7	
SW-02/SDED-6	SMI	20-Apr-99	Silver, total	10	10	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Silver, total	0.7	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Silver, total	0.7	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Silver, total	0.8	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Silver, total	2	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Silver, total	2	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
ED-4A/SDED-02	URS	10-Sep-99	Silver, total	0.7	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Silver, total	0.8	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Silver, total	10	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Silver, total	10	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Silver, total	5	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Silver, total	5	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Silver, total	5	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Silver, total	5	ND	U
SW-02/SDED-6	SMI	16-May-99	Silver, total	10	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Silver, total	5	ND	U
SW-02/SDED-6	URS	26-Sep-99	Silver, total	0.7	ND	U
SW-02/SDED-6	URS	6-Apr-00	Silver, total	0.8	ND	U
SW-02/SDED-6	SMI	16-May-99	Silver, total	10	ND	U
SW-11	SMI	16-Oct-98	Silver, total	10	ND	U
SW-11	SMI	12-Nov-98	Silver, total	10	ND	U
SW-11	SMI	9-Dec-98	Silver, total	5	ND	U
SW-11	SMI	13-Jan-99	Silver, total	5	ND	U
SW-11	SMI	18-Feb-99	Silver, total	5	ND	U
SW-11	SMI	12-Mar-99	Silver, total	5	ND	U
SW-11	SMI	20-Apr-99	Silver, total	10	ND	U
SW-11	SMI	16-May-99	Silver, total	10	ND	U
SW-11	SMI	14-Jun-99	Silver, total	5	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Silver, total	0.7	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Silver, total	0.8	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Silver, total	1.2	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Silver, total	0.8	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Silver, total	0.7	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Thallium, total	1.5	1.5	
ED03SW/ED03SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Thallium, total	1.1	ND	UJ
ED04-SD/ED-2A	URS	9-Mar-00	Thallium, total	1.1	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Thallium, total	1.2	ND	UJ
ED04SW/ED04SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Thallium, total	6	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Thallium, total	1.2	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Thallium, total	0.5	ND	U
SW-02/SDED-6	SMI	12-Nov-98	Thallium, total	1	ND	U
SW-02/SDED-6	SMI	9-Dec-98	Thallium, total	0.2	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Thallium, total	0.5	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Thallium, total	0.5	ND	U
SW-02/SDED-6	SMI	16-May-99	Thallium, total	0.5	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Thallium, total	0.1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Thallium, total	1.1	ND	U
SW-02/SDED-6	URS	6-Apr-00	Thallium, total	1.2	ND	UJ

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	16-May-99	Thallium, total	0.5	ND	U
SW-11	SMI	16-Oct-98	Thallium, total	0.5	ND	U
SW-11	SMI	12-Nov-98	Thallium, total	1	ND	U
SW-11	SMI	9-Dec-98	Thallium, total	0.2	ND	U
SW-11	SMI	13-Jan-99	Thallium, total	0.2	ND	U
SW-11	SMI	18-Feb-99	Thallium, total	0.5	ND	U
SW-11	SMI	12-Mar-99	Thallium, total	0.2	ND	U
SW-11	SMI	20-Apr-99	Thallium, total	0.5	ND	U
SW-11	SMI	16-May-99	Thallium, total	1	ND	U
SW-11	SMI	14-Jun-99	Thallium, total	0.1	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Thallium, total	1.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Thallium, total	1.2	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Thallium, total	1.1	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Thallium, total	1.1	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Thallium, total	1.2	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Thallium, total	1.1	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Uranium, total	42.7	42.7	
ED04SW/ED04SD	ECOENV	1-Apr-98	Uranium, total	44.5	44.5	
ED03SW/ED03SD	ECOENV	1-Apr-98	Uranium, total	46	46	
SWED-02/SDED-04	URS	9-Mar-00	Vanadium, total	0.95	0.95	J
ED04-SD/ED-2A	URS	9-Mar-00	Vanadium, total	1.1	1.1	J
ED04-SD/ED-2A	URS	6-Apr-00	Vanadium, total	1.2	1.2	J
SWED-01/SDED-03	URS	6-Apr-00	Vanadium, total	1.3	1.3	J
ED-4A/SDED-02	URS	6-Apr-00	Vanadium, total	1.4	1.4	J
SWED-02/SDED-04	URS	9-Mar-00	Vanadium, total	1.6	1.6	J
SW-02/SDED-6	URS	26-Sep-99	Vanadium, total	1.7	1.7	J
SW-02/SDED-6	URS	6-Apr-00	Vanadium, total	1.7	1.7	J
ED04SW/ED04SD	ECOENV	1-Apr-98	Vanadium, total	8.2	8.2	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Vanadium, total	0.5	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Vanadium, total	1	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Vanadium, total	0.5	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Vanadium, total	0.5	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Vanadium, total	0.87	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Vanadium, total	1	ND	U
SW-02/SDED-6	URS	26-Sep-99	Zinc, total	2.9	2.9	J
SWED-02/SDED-04	URS	10-Sep-99	Zinc, total	4.9	4.9	J
SW-02/SDED-6	SMI	9-Dec-98	Zinc, total	10	10	J
SW-02/SDED-6	SMI	16-May-99	Zinc, total	10	10	J
SW-11	SMI	20-Apr-99	Zinc, total	10	10	J
SW-11	SMI	9-Dec-98	Zinc, total	11	11	J
ED04SW/ED04SD	ECOENV	1-Apr-98	Zinc, total	15.5	15.5	J
ED04-SD/ED-2A	URS	25-Sep-99	Zinc, total	15.9	15.9	J
SW-02/SDED-6	SMI	16-May-99	Zinc, total	20	20	J
SW-11	SMI	12-Nov-98	Zinc, total	20	20	J
SW-02/SDED-6	SMI	12-Nov-98	Zinc, total	30	30	J

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-02/SDED-6	SMI	16-Oct-98	Zinc, total	40	40	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Zinc, total	41.3	41.3	
ED05SW/ED05SD	ECOENV	1-Apr-98	Zinc, total	62.4	62.4	
SWED-02/SDED-04	URS	5-Apr-00	Zinc, total	95.7	95.7	
SWED-02/SDED-04	URS	9-Mar-00	Zinc, total	113	113	
SWED-02/SDED-04	URS	9-Mar-00	Zinc, total	120	120	
SW-11	SMI	16-Oct-98	Zinc, total	380	380	
ED04-SD/ED-2A	URS	9-Mar-00	Zinc, total	2.4	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Zinc, total	0.4	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Zinc, total	1.1	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Zinc, total	0.4	ND	U
SW-02/SDED-6	SMI	30-Apr-98	Zinc, total	5	ND	U
SW-02/SDED-6	SMI	13-Jan-99	Zinc, total	8	ND	U
SW-02/SDED-6	SMI	19-Feb-99	Zinc, total	20	ND	U
SW-02/SDED-6	SMI	12-Mar-99	Zinc, total	14	ND	U
SW-02/SDED-6	SMI	20-Apr-99	Zinc, total	20	ND	U
SW-02/SDED-6	SMI	14-Jun-99	Zinc, total	27	ND	U
SW-02/SDED-6	URS	6-Apr-00	Zinc, total	0.4	ND	U
SW-11	SMI	27-Apr-98	Zinc, total	5	ND	U
SW-11	SMI	13-Jan-99	Zinc, total	8	ND	U
SW-11	SMI	18-Feb-99	Zinc, total	20	ND	U
SW-11	SMI	12-Mar-99	Zinc, total	10	ND	U
SW-11	SMI	16-May-99	Zinc, total	20	ND	U
SW-11	SMI	14-Jun-99	Zinc, total	32	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Zinc, total	1.1	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Zinc, total	0.4	ND	U
Western Drainage						
WDAC/SDWD-03	SMI	20-Apr-99	Aluminum, total	170	170	J
WDAC/SDWD-03	SMI	17-May-99	Aluminum, total	210	210	
WDAC/SDWD-03	SMI	16-Oct-98	Aluminum, total	300	300	
WDAC/SDWD-03	SMI	15-Jun-99	Aluminum, total	390	390	
WDAC/SDWD-03	SMI	6-Aug-99	Aluminum, total	560	560	J
WDAC/SDWD-03	URS	8-Apr-00	Aluminum, total	630	630	
WDAC/SDWD-03	SMI	17-Feb-99	Aluminum, total	760	760	
WDAC/SDWD-03	SMI	12-Nov-98	Aluminum, total	810	810	J
WDAC/SDWD-03	SMI	11-Dec-99	Aluminum, total	860	860	
WDAC/SDWD-03	SMI	9-Dec-98	Aluminum, total	950	950	
WDAC/SDWD-03	SMI	9-Dec-98	Aluminum, total	970	970	
WDAC/SDWD-03	SMI	12-Jan-99	Aluminum, total	1000	1000	
WDAC/SDWD-03	SMI	5-Feb-00	Aluminum, total	1010	1010	
WDAC/SDWD-03	SMI	6-Jan-00	Aluminum, total	1200	1200	J
WDAC/SDWD-03	URS	12-Sep-99	Aluminum, total	1370	1370	
WDAC/SDWD-03	SMI	12-Mar-99	Aluminum, total	4130	4130	
WDAC/SDWD-03	URS	12-Sep-99	Antimony, total	2.2	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Antimony, total	1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Antimony, total	2.7	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	URS	12-Sep-99	Arsenic, total	0.32	0.32	
WDAC/SDWD-03	URS	8-Apr-00	Arsenic, total	0.32	0.32	
WDAC/SDWD-03	SMI	12-Mar-99	Arsenic, total	2	2	J
WDAC/SDWD-03	SMI	6-Aug-99	Arsenic, total	3	3	J
WDAC/SDWD-03	SMI	16-Oct-98	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Arsenic, total	10	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Arsenic, total	2	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	17-May-99	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Arsenic, total	1	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Arsenic, total	30	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Arsenic, total	50	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Arsenic, total	5	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Barium, total	14.5	14.5	
WDAC/SDWD-03	SMI	17-Feb-99	Barium, total	15.6	15.6	
WDAC/SDWD-03	SMI	12-Jan-99	Barium, total	17	17	
WDAC/SDWD-03	SMI	17-May-99	Barium, total	17	17	J
WDAC/SDWD-03	SMI	11-Dec-99	Barium, total	17.3	17.3	
WDAC/SDWD-03	SMI	12-Nov-98	Barium, total	18	18	
WDAC/SDWD-03	SMI	20-Apr-99	Barium, total	18	18	J
WDAC/SDWD-03	SMI	6-Jan-00	Barium, total	20	20	J
WDAC/SDWD-03	SMI	15-Jun-99	Barium, total	20.2	20.2	J
WDAC/SDWD-03	URS	8-Apr-00	Barium, total	23.1	23.1	J
WDAC/SDWD-03	URS	12-Sep-99	Barium, total	24.3	24.3	J
WDAC/SDWD-03	SMI	6-Aug-99	Barium, total	27.6	27.6	J
WDAC/SDWD-03	SMI	12-Mar-99	Barium, total	35.9	35.9	
WDAC/SDWD-03	SMI	16-Oct-98	Barium, total	58	58	
WDAC/SDWD-03	SMI	9-Dec-98	Barium, total	100	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Barium, total	100	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Beryllium, total	1.2	1.2	J
WDAC/SDWD-03	SMI	15-Jun-99	Beryllium, total	3	3	J
WDAC/SDWD-03	SMI	6-Aug-99	Beryllium, total	3	3	J
WDAC/SDWD-03	SMI	9-Dec-98	Beryllium, total	4	4	J
WDAC/SDWD-03	SMI	12-Jan-99	Beryllium, total	4	4	J
WDAC/SDWD-03	SMI	9-Dec-98	Beryllium, total	4	4	J
WDAC/SDWD-03	URS	12-Sep-99	Beryllium, total	4.3	4.3	
WDAC/SDWD-03	SMI	16-Oct-98	Beryllium, total	4	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Beryllium, total	4	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Beryllium, total	4	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Beryllium, total	2	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Beryllium, total	2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Beryllium, total	2	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Beryllium, total	4	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	6-Jan-00	Beryllium, total	20	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Beryllium, total	4	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Cadmium, total	1.1	1.1	J
WDAC/SDWD-03	SMI	12-Mar-99	Cadmium, total	1.2	1.2	J
WDAC/SDWD-03	SMI	15-Jun-99	Cadmium, total	1.6	1.6	J
WDAC/SDWD-03	SMI	17-May-99	Cadmium, total	1.7	1.7	J
WDAC/SDWD-03	SMI	6-Aug-99	Cadmium, total	3	3	J
WDAC/SDWD-03	URS	12-Sep-99	Cadmium, total	3.1	3.1	
WDAC/SDWD-03	SMI	5-Feb-00	Cadmium, total	3.6	3.6	
WDAC/SDWD-03	SMI	17-Feb-99	Cadmium, total	3.8	3.8	
WDAC/SDWD-03	SMI	27-Apr-98	Cadmium, total	4	4	
WDAC/SDWD-03	SMI	9-Dec-98	Cadmium, total	4	4	J
WDAC/SDWD-03	SMI	11-Dec-99	Cadmium, total	4.2	4.2	J
WDAC/SDWD-03	SMI	12-Nov-98	Cadmium, total	5	5	J
WDAC/SDWD-03	SMI	12-Jan-99	Cadmium, total	5	5	
WDAC/SDWD-03	SMI	9-Dec-98	Cadmium, total	5	5	
WDAC/SDWD-03	SMI	16-Oct-98	Cadmium, total	1	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Cadmium, total	1	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Cadmium, total	5	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Chromium, total	1.9	1.9	J
WDAC/SDWD-03	SMI	16-Oct-98	Chromium, total	3	3	J
WDAC/SDWD-03	SMI	6-Aug-99	Chromium, total	3	3	J
WDAC/SDWD-03	SMI	6-Jan-00	Chromium, total	9	9	J
WDAC/SDWD-03	SMI	5-Feb-00	Chromium, total	10	10	J
WDAC/SDWD-03	SMI	12-Nov-98	Chromium, total	2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Chromium, total	1	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Chromium, total	1	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Chromium, total	0.8	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Chromium, total	1	ND	U
WDAC/SDWD-03	SMI	17-May-99	Chromium, total	1	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Chromium, total	0.3	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Chromium, total	0.4	ND	UJ
WDAC/SDWD-03	SMI	11-Dec-99	Chromium, total	0.2	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Chromium, total	1.1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Chromium, total	1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Cobalt, total	1.3	1.3	J
WDAC/SDWD-03	URS	12-Sep-99	Cobalt, total	1.9	1.9	J
WDAC/SDWD-03	SMI	11-Dec-99	Cobalt, total	20	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Copper, total	0.81	0.81	J
WDAC/SDWD-03	SMI	15-Jun-99	Copper, total	2	2	J
WDAC/SDWD-03	SMI	12-Jan-99	Copper, total	7	7	J
WDAC/SDWD-03	SMI	27-Apr-98	Copper, total	10	10	
WDAC/SDWD-03	SMI	12-Mar-99	Copper, total	13	13	
WDAC/SDWD-03	SMI	17-Feb-99	Copper, total	14	14	
WDAC/SDWD-03	SMI	12-Nov-98	Copper, total	17	17	J
WDAC/SDWD-03	SMI	17-May-99	Copper, total	21	21	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	11-Dec-99	Copper, total	28	28	J
WDAC/SDWD-03	SMI	6-Jan-00	Copper, total	50	50	J
WDAC/SDWD-03	SMI	16-Oct-98	Copper, total	51	51	
WDAC/SDWD-03	SMI	6-Aug-99	Copper, total	60	60	J
WDAC/SDWD-03	SMI	9-Dec-98	Copper, total	500	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Copper, total	5	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Copper, total	50	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Copper, total	0.9	ND	UJ
WDAC/SDWD-03	SMI	9-Dec-98	Copper, total	500	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Iron, total	20	20	J
WDAC/SDWD-03	SMI	9-Dec-98	Iron, total	30	30	J
WDAC/SDWD-03	SMI	17-May-99	Iron, total	30	30	J
WDAC/SDWD-03	SMI	15-Jun-99	Iron, total	30	30	J
WDAC/SDWD-03	SMI	11-Dec-99	Iron, total	40	40	J
WDAC/SDWD-03	SMI	20-Apr-99	Iron, total	50	50	
WDAC/SDWD-03	SMI	5-Feb-00	Iron, total	60	60	J
WDAC/SDWD-03	SMI	17-Feb-99	Iron, total	120	120	
WDAC/SDWD-03	URS	12-Sep-99	Iron, total	135	135	
WDAC/SDWD-03	SMI	16-Oct-98	Iron, total	240	240	
WDAC/SDWD-03	URS	8-Apr-00	Iron, total	245	245	
WDAC/SDWD-03	SMI	12-Mar-99	Iron, total	3040	3040	
WDAC/SDWD-03	SMI	12-Jan-99	Iron, total	20	ND	UJ
WDAC/SDWD-03	SMI	6-Aug-99	Iron, total	20	ND	UJ
WDAC/SDWD-03	SMI	6-Jan-00	Iron, total	100	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Iron, total	20	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Lead, total	0.5	0.5	J
WDAC/SDWD-03	SMI	12-Mar-99	Lead, total	2.5	2.5	
WDAC/SDWD-03	SMI	16-Oct-98	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Lead, total	2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Lead, total	0.4	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	17-May-99	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Lead, total	0.2	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Lead, total	1	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Lead, total	0.2	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Lead, total	0.2	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Lead, total	0.2	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Lead, total	0.9	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Lead, total	1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Magnesium, total	90500	90500	
WDAC/SDWD-03	URS	12-Sep-99	Magnesium, total	263000	263000	
WDAC/SDWD-03	SMI	16-Oct-98	Manganese, total	99	99	
WDAC/SDWD-03	SMI	20-Apr-99	Manganese, total	1870	1870	J
WDAC/SDWD-03	URS	8-Apr-00	Manganese, total	2380	2380	

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	12-Mar-99	Manganese, total	2690	2690	
WDAC/SDWD-03	SMI	17-May-99	Manganese, total	2700	2700	J
WDAC/SDWD-03	SMI	15-Jun-99	Manganese, total	3550	3550	
WDAC/SDWD-03	SMI	6-Aug-99	Manganese, total	7430	7430	J
WDAC/SDWD-03	SMI	27-Apr-98	Manganese, total	8500	8500	
WDAC/SDWD-03	SMI	11-Dec-99	Manganese, total	11100	11100	
WDAC/SDWD-03	SMI	5-Feb-00	Manganese, total	11100	11100	
WDAC/SDWD-03	SMI	17-Feb-99	Manganese, total	11600	11600	
WDAC/SDWD-03	URS	12-Sep-99	Manganese, total	11600	11600	
WDAC/SDWD-03	SMI	6-Jan-00	Manganese, total	12100	12100	
WDAC/SDWD-03	SMI	12-Jan-99	Manganese, total	14600	14600	J
WDAC/SDWD-03	SMI	9-Dec-98	Manganese, total	15400	15400	J
WDAC/SDWD-03	SMI	9-Dec-98	Manganese, total	15600	15600	
WDAC/SDWD-03	SMI	12-Nov-98	Manganese, total	15900	15900	
WDAC/SDWD-03	SMI	6-Aug-99	Mercury, total	0.2	0.2	J
WDAC/SDWD-03	SMI	16-Oct-98	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	17-May-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Mercury, total	0.1	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Mercury, total	0.2	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Mercury, total	0.1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Mercury, total	0.2	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Nickel, total	90	90	
WDAC/SDWD-03	SMI	20-Apr-99	Nickel, total	90	90	
WDAC/SDWD-03	URS	8-Apr-00	Nickel, total	92.3	92.3	
WDAC/SDWD-03	SMI	17-May-99	Nickel, total	110	110	J
WDAC/SDWD-03	SMI	15-Jun-99	Nickel, total	170	170	
WDAC/SDWD-03	SMI	6-Aug-99	Nickel, total	240	240	J
WDAC/SDWD-03	SMI	17-Feb-99	Nickel, total	290	290	
WDAC/SDWD-03	SMI	11-Dec-99	Nickel, total	300	300	
WDAC/SDWD-03	SMI	5-Feb-00	Nickel, total	310	310	
WDAC/SDWD-03	URS	12-Sep-99	Nickel, total	332	332	
WDAC/SDWD-03	SMI	12-Nov-98	Nickel, total	360	360	
WDAC/SDWD-03	SMI	12-Jan-99	Nickel, total	360	360	
WDAC/SDWD-03	SMI	9-Dec-98	Nickel, total	360	360	
WDAC/SDWD-03	SMI	9-Dec-98	Nickel, total	370	370	
WDAC/SDWD-03	SMI	6-Jan-00	Nickel, total	400	400	J
WDAC/SDWD-03	SMI	16-Oct-98	Nickel, total	20	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	SMI	6-Aug-99	Selenium, total	1	1	J
WDAC/SDWD-03	SMI	16-Oct-98	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	17-May-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Selenium, total	1	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Selenium, total	2	ND	UJ
WDAC/SDWD-03	SMI	11-Dec-99	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Selenium, total	1	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Selenium, total	1.3	ND	UJ
WDAC/SDWD-03	SMI	9-Dec-98	Selenium, total	1	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Silver, total	5	5	J
WDAC/SDWD-03	SMI	16-Oct-98	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Silver, total	5	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Silver, total	5	ND	U
WDAC/SDWD-03	SMI	17-May-99	Silver, total	30	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Silver, total	5	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Silver, total	0.7	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Silver, total	50	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Silver, total	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Silver, total	0.8	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Silver, total	10	ND	U
WDAC/SDWD-03	SMI	6-Aug-99	Thallium, total	0.3	0.3	J
WDAC/SDWD-03	SMI	16-Oct-98	Thallium, total	0.5	ND	U
WDAC/SDWD-03	SMI	12-Nov-98	Thallium, total	1	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Thallium, total	0.5	ND	U
WDAC/SDWD-03	SMI	12-Jan-99	Thallium, total	0.5	ND	U
WDAC/SDWD-03	SMI	17-Feb-99	Thallium, total	0.2	ND	U
WDAC/SDWD-03	SMI	12-Mar-99	Thallium, total	0.2	ND	U
WDAC/SDWD-03	SMI	20-Apr-99	Thallium, total	0.5	ND	U
WDAC/SDWD-03	SMI	17-May-99	Thallium, total	0.5	ND	U
WDAC/SDWD-03	SMI	15-Jun-99	Thallium, total	0.1	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Thallium, total	1.1	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Thallium, total	0.1	ND	U
WDAC/SDWD-03	SMI	6-Jan-00	Thallium, total	0.1	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Thallium, total	0.1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
WDAC/SDWD-03	URS	8-Apr-00	Thallium, total	1.2	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Thallium, total	0.5	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Vanadium, total	0.5	ND	UJ
WDAC/SDWD-03	SMI	11-Dec-99	Vanadium, total	10	ND	U
WDAC/SDWD-03	URS	8-Apr-00	Vanadium, total	1	ND	U
WDAC/SDWD-03	SMI	16-Oct-98	Zinc, total	40	40	J
WDAC/SDWD-03	SMI	20-Apr-99	Zinc, total	90	90	J
WDAC/SDWD-03	URS	8-Apr-00	Zinc, total	112	112	
WDAC/SDWD-03	SMI	12-Mar-99	Zinc, total	130	130	
WDAC/SDWD-03	SMI	17-May-99	Zinc, total	156	156	
WDAC/SDWD-03	SMI	15-Jun-99	Zinc, total	218	218	
WDAC/SDWD-03	SMI	6-Aug-99	Zinc, total	270	270	J
WDAC/SDWD-03	SMI	27-Apr-98	Zinc, total	290	290	
WDAC/SDWD-03	SMI	17-Feb-99	Zinc, total	338	338	J
WDAC/SDWD-03	URS	12-Sep-99	Zinc, total	343	343	
WDAC/SDWD-03	SMI	12-Nov-98	Zinc, total	360	360	J
WDAC/SDWD-03	SMI	11-Dec-99	Zinc, total	390	390	
WDAC/SDWD-03	SMI	5-Feb-00	Zinc, total	400	400	
WDAC/SDWD-03	SMI	12-Jan-99	Zinc, total	430	430	
WDAC/SDWD-03	SMI	6-Jan-00	Zinc, total	500	500	J
WDAC/SDWD-03	SMI	9-Dec-98	Zinc, total	1000	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Zinc, total	1000	ND	U
Franklin D. Roosevelt Lake						
RL01SW/RL01SD	ECOENV	01-APR-98	Aluminum, total	170	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Antimony, total	5	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Arsenic, total	6	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Barium, total	20.6	20.6	J
RL01SW/RL01SD	ECOENV	01-APR-98	Beryllium, total	1.3	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Cadmium, total	1	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Calcium, total	11500	11500	
RL01SW/RL01SD	ECOENV	01-APR-98	Chromium, total	1	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Cobalt, total	1	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Copper, total	8.6	8.6	J
RL01SW/RL01SD	ECOENV	01-APR-98	Iron, total	244	244	
RL01SW/RL01SD	ECOENV	01-APR-98	Lead, total	2	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Magnesium, total	3980	3980	J
RL01SW/RL01SD	ECOENV	01-APR-98	Manganese, total	18.3	18.3	
RL01SW/RL01SD	ECOENV	01-APR-98	Mercury, total	.2	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Nickel, total	1	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Potassium, total	701	701	J
RL01SW/RL01SD	ECOENV	01-APR-98	Selenium, total	4	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Silver, total	2	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Sodium, total	2380	2380	J
RL01SW/RL01SD	ECOENV	01-APR-98	Thallium, total	6	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Uranium, total	1	ND	U
RL01SW/RL01SD	ECOENV	01-APR-98	Vanadium, total	1	ND	U

Table A-2
SURFACE WATER DATA - TOTAL METALS

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
RL01SW/RL01SD	ECOENV	01-APR-98	Zinc, total	58	58	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
Blood Pool					
BP	SMI	14-Jan-99	Hardness	575	
BP	SMI	11-Mar-99	Hardness	991	
BP	SMI	19-Apr-99	Hardness	1490	
BP	SMI	8-Dec-98	Hardness	1670	
BP	SMI	16-May-99	Hardness	1700	
BP	SMI	11-Mar-99	pH	3.29	
BP	SMI	19-Apr-99	pH	3.34	
BP	SMI	16-May-99	pH	3.5	
BP	SMI	14-Jan-99	pH	4.88	
BP	SMI	8-Dec-98	pH	5.55	
BP	SMI	14-Jan-99	Sulfate	630000	
BP	SMI	11-Mar-99	Sulfate	1490000	
BP	SMI	8-Dec-98	Sulfate	1620000	
BP	SMI	16-May-99	Sulfate	2190000	
BP	SMI	19-Apr-99	Sulfate	2260000	
Central Drainage					
SDCD-02/SW-12	SMI	22-Apr-99	Hardness	1150	
SDCD-02/SW-12	SMI	11-Mar-99	Hardness	1330	
SDCD-02/SW-12	URS	8-Apr-00	Hardness	1424	
SDCD-02/SW-12	SMI	6-Aug-99	Hardness	1550	
SDCD-02/SW-12	SMI	19-May-99	Hardness	1730	
SDCD-02/SW-12	SMI	13-Jun-99	Hardness	1730	
SDCD-02/SW-12	URS	12-Sep-99	Hardness	1965	
SDCD-02/SW-12	SMI	16-Oct-98	Hardness	2060	
SDCD-02/SW-12	SMI	9-Dec-99	Hardness	2070	
SDCD-02/SW-12	SMI	3-Feb-00	Hardness	2160	
SDCD-02/SW-12	SMI	7-Jan-00	Hardness	2180	
SDCD-02/SW-12	SMI	10-Nov-98	Hardness	2230	
SDCD-02/SW-12	SMI	17-Feb-99	Hardness	2260	
SDCD-02/SW-12	SMI	8-Dec-98	Hardness	2280	
SDCD-02/SW-12	SMI	17-Feb-99	Hardness	2290	
SDCD-02/SW-12	SMI	12-Jan-99	Hardness	4650	
SDCD-02/SW-12	SMI	29-Apr-98	pH	4.21	
SDCD-02/SW-12	SMI	13-Jun-99	pH	4.62	
SDCD-02/SW-12	SMI	22-Apr-99	pH	4.87	
SDCD-02/SW-12	SMI	23-Jul-98	pH	4.9	
SDCD-02/SW-12	SMI	19-May-99	pH	4.98	
SDCD-02/SW-12	SMI	8-Dec-98	pH	5.01	
SDCD-02/SW-12	SMI	11-Mar-99	pH	5.03	
SDCD-02/SW-12	SMI	12-Jan-99	pH	5.08	
SDCD-02/SW-12	URS	8-Apr-00	pH	5.13	
SDCD-02/SW-12	SMI	9-Dec-99	pH	5.16	
SDCD-02/SW-12	URS	12-Sep-99	pH	5.21	
SDCD-02/SW-12	SMI	16-Oct-98	pH	5.22	
SDCD-02/SW-12	SMI	17-Feb-99	pH	5.26	
SDCD-02/SW-12	SMI	6-Aug-99	pH	5.26	
SDCD-02/SW-12	SMI	10-Nov-98	pH	5.34	
SDCD-02/SW-12	SMI	7-Jan-00	pH	5.36	
SDCD-02/SW-12	SMI	3-Feb-00	pH	5.41	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SDCD-02/SW-12	SMI	11-Mar-99	Sulfate	1400000	
SDCD-02/SW-12	URS	8-Apr-00	Sulfate	1530000	
SDCD-02/SW-12	SMI	22-Apr-99	Sulfate	1650000	
SDCD-02/SW-12	SMI	19-May-99	Sulfate	1750000	
SDCD-02/SW-12	SMI	13-Jun-99	Sulfate	1920000	
SDCD-02/SW-12	SMI	6-Aug-99	Sulfate	2070000	
SDCD-02/SW-12	URS	12-Sep-99	Sulfate	2100000	
SDCD-02/SW-12	SMI	29-Apr-98	Sulfate	2201000	
SDCD-02/SW-12	SMI	16-Oct-98	Sulfate	2350000	
SDCD-02/SW-12	SMI	9-Dec-99	Sulfate	2440000	
SDCD-02/SW-12	SMI	10-Nov-98	Sulfate	2460000	
SDCD-02/SW-12	SMI	17-Feb-99	Sulfate	2500000	
SDCD-02/SW-12	SMI	17-Feb-99	Sulfate	2510000	
SDCD-02/SW-12	SMI	3-Feb-00	Sulfate	2510000	
SDCD-02/SW-12	SMI	8-Dec-98	Sulfate	2540000	
SDCD-02/SW-12	SMI	12-Jan-99	Sulfate	2540000	
SDCD-02/SW-12	SMI	7-Jan-00	Sulfate	2580000	
Far Western Drainage					
SDFW-01/SWFW-01	URS	11-Apr-00	Hardness	48.4	
SDFW-01/SWFW-01	URS	11-Apr-00	pH	6.73	
SDFW-01/SWFW-01	URS	11-Apr-00	Sulfate	16600	
Lower Blue Creek					
BC01SW/BC01SD	URS	4-Apr-00	Hardness	66.3	
BC04SW/BC04SD	URS	4-Apr-00	Hardness	67.2	
BC01SW/BC01SD	URS	4-Apr-00	Hardness	75.3	
BC04SW/BC04SD	URS	28-Sep-99	Hardness	1934	
BC01SW/BC01SD	URS	28-Sep-99	Hardness	1946	
BC01SW/BC01SD	URS	28-Sep-99	pH	7.23	
BC01SW/BC01SD	URS	4-Apr-00	pH	7.49	
BC04SW/BC04SD	URS	28-Sep-99	pH	7.68	
BC04SW/BC04SD	URS	4-Apr-00	pH	7.83	
BC04SW/BC04SD	URS	4-Apr-00	Sulfate	32200	
BC01SW/BC01SD	URS	4-Apr-00	Sulfate	34000	
BC01SW/BC01SD	URS	4-Apr-00	Sulfate	34300	
BC01SW/BC01SD	URS	28-Sep-99	Sulfate	1940000	
BC04SW/BC04SD	URS	28-Sep-99	Sulfate	1950000	
Lower Eastern Drainage					
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Hardness	682	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Hardness	883	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Hardness	915	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Hardness	1310	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Hardness	1690	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Hardness	1840	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Hardness	1880	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Hardness	2040	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Hardness	2290	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Hardness	2430	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Hardness	2443	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Hardness	2480	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Hardness	3060	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	pH	6.77	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	pH	6.87	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	pH	6.88	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	pH	6.91	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	pH	6.97	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	pH	7.15	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	pH	7.21	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	pH	7.24	
SW-06/ED01-SD/ED01SW	SMI	20-Jul-98	pH	7.27	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	pH	7.35	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	pH	7.36	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	pH	7.36	
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	pH	7.46	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	pH	8.15	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Sulfate	649000	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Sulfate	850000	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Sulfate	869000	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Sulfate	1240000	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Sulfate	1470000	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Sulfate	1580000	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Sulfate	1620000	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Sulfate	1870000	
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Sulfate	1981000	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Sulfate	2120000	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Sulfate	2360000	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Sulfate	2360000	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Sulfate	2440000	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Sulfate	2490000	
Middle Blue Creek					
BC05SW/BC05SD	URS	4-Apr-00	Hardness	81.2	
SW-7	SMI	12-Mar-99	Hardness	85	
BC09SW/BC09SD	URS	5-Apr-00	Hardness	93.6	
SW-5	SMI	12-Mar-99	Hardness	101	
SW-7	SMI	18-Feb-99	Hardness	293	
SW-5	SMI	21-Apr-99	Hardness	320	
SW-5	SMI	18-Feb-99	Hardness	331	
SW-7	SMI	21-Apr-99	Hardness	382	
SW-5	SMI	16-May-99	Hardness	669	
SW-5	SMI	9-Dec-98	Hardness	687	
SW-7	SMI	16-May-99	Hardness	698	
SW-7	SMI	9-Dec-98	Hardness	852	
SW-7	SMI	13-Jan-99	Hardness	1080	
SW-5	SMI	13-Jan-99	Hardness	1140	
SW-7	SMI	14-Jun-99	Hardness	1140	
SW-5	SMI	14-Jun-99	Hardness	1230	
SW-5	SMI	15-Oct-98	Hardness	1900	
SW-7	SMI	15-Oct-98	Hardness	1940	
BC05SW/BC05SD	URS	29-Sep-99	Hardness	1942	
SW-7	SMI	11-Nov-98	Hardness	2010	
BC09SW/BC09SD	URS	29-Sep-99	Hardness	2067	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-5	SMI	12-Nov-98	Hardness	2170	
SW-7	SMI	13-Jan-99	pH	6.22	
SW-5	SMI	13-Jan-99	pH	6.48	
SW-5	SMI	21-Apr-99	pH	6.69	
SW-5	SMI	14-Jun-99	pH	6.91	
SW-7	SMI	21-Apr-99	pH	6.94	
SW-7	SMI	15-Oct-98	pH	6.95	
SW-5	SMI	18-Feb-99	pH	6.98	
SW-7	SMI	14-Jun-99	pH	7	
SW-5	SMI	9-Dec-98	pH	7.02	
SW-7	SMI	12-Mar-99	pH	7.14	
SW-5	SMI	12-Mar-99	pH	7.2	
SW-5	SMI	15-Oct-98	pH	7.21	
SW-7	SMI	27-Apr-98	pH	7.22	
SW-5	SMI	12-Nov-98	pH	7.3	
SW-7	SMI	18-Feb-99	pH	7.33	
SW-5	SMI	20-Jul-98	pH	7.38	
SW-7	SMI	9-Dec-98	pH	7.42	
SW-7	SMI	20-Jul-98	pH	7.45	
SW-7	SMI	16-May-99	pH	7.48	
SW-5	SMI	16-May-99	pH	7.49	
BC09SW/BC09SD	URS	29-Sep-99	pH	7.57	
SW-5	SMI	27-Apr-98	pH	7.69	
SW-7	SMI	11-Nov-98	pH	7.73	
BC09SW/BC09SD	URS	5-Apr-00	pH	7.79	
BC05SW/BC05SD	URS	29-Sep-99	pH	7.81	
BC05SW/BC05SD	URS	4-Apr-00	pH	8.02	
BC05SW/BC05SD	URS	4-Apr-00	Sulfate	6480	
BC09SW/BC09SD	URS	5-Apr-00	Sulfate	63600	
SW-7	SMI	12-Mar-99	Sulfate	70000	
SW-5	SMI	12-Mar-99	Sulfate	80000	
SW-7	SMI	18-Feb-99	Sulfate	240000	
SW-5	SMI	21-Apr-99	Sulfate	280000	
SW-5	SMI	18-Feb-99	Sulfate	290000	
SW-7	SMI	21-Apr-99	Sulfate	340000	
SW-7	SMI	13-Jan-99	Sulfate	500000	
SW-5	SMI	13-Jan-99	Sulfate	510000	
SW-5	SMI	9-Dec-98	Sulfate	600000	
SW-5	SMI	16-May-99	Sulfate	650000	
SW-7	SMI	16-May-99	Sulfate	660000	
SW-7	SMI	27-Apr-98	Sulfate	668000	
SW-5	SMI	27-Apr-98	Sulfate	728000	
SW-7	SMI	9-Dec-98	Sulfate	750000	
SW-7	SMI	14-Jun-99	Sulfate	1120000	
SW-5	SMI	14-Jun-99	Sulfate	1180000	
BC05SW/BC05SD	URS	29-Sep-99	Sulfate	1970000	
SW-5	SMI	15-Oct-98	Sulfate	1980000	
SW-7	SMI	11-Nov-98	Sulfate	1980000	
BC09SW/BC09SD	URS	29-Sep-99	Sulfate	1990000	
SW-7	SMI	15-Oct-98	Sulfate	2010000	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-5	SMI	12-Nov-98	Sulfate	2120000	
Northeastern Drainage					
SDNE-01/SWNE-01	URS	7-Apr-00	Hardness	25.3	
SDNE-01/SWNE-01	URS	7-Apr-00	pH	6.29	
SDNE-01/SWNE-01	URS	7-Apr-00	Sulfate	4190	J
Outfall					
OF01SW/OF01SD	URS	7-Apr-00	Hardness	1737	
OF01SW/OF01SD	URS	27-Sep-99	Hardness	2506	
OF01SW/OF01SD	URS	27-Sep-99	pH	4.48	
OF01SW/OF01SD	URS	7-Apr-00	pH	6.24	
OF01SW/OF01SD	URS	7-Apr-00	Sulfate	1650000	J
OF01SW/OF01SD	URS	27-Sep-99	Sulfate	2520000	
Pollution Control Pond					
SW-20	SMI	3-Feb-00	Hardness	2200	
SW-20	SMI	3-Feb-00	Hardness	2260	
SW-20	SMI	8-Jan-00	Hardness	2280	
SW-20	SMI	8-Jan-00	Hardness	2320	
SW-20	SMI	8-Dec-99	Hardness	2380	
SW-20	SMI	19-Apr-99	Hardness	2460	
SW-20	SMI	11-Mar-99	Hardness	2470	
SW-20	SMI	8-Dec-98	Hardness	2500	
SW-20	SMI	10-Nov-98	Hardness	2630	
SW-20	SMI	17-Feb-99	Hardness	2690	
SW-20	SMI	18-May-99	Hardness	2730	
SW-20	SMI	7-Aug-99	Hardness	2760	
SW-20	SMI	10-Nov-98	Hardness	2840	
SW-20	SMI	16-Jun-99	Hardness	2950	
SW-20	SMI	14-Oct-98	Hardness	3070	
SW-20	SMI	12-Jan-99	Hardness	5280	
SW-20	SMI	16-Jun-99	pH	3.96	
SW-20	SMI	7-Aug-99	pH	4.04	
SW-20	SMI	21-Jul-98	pH	4.09	
SW-20	SMI	28-Apr-98	pH	4.15	
SW-20	SMI	14-Oct-98	pH	4.17	
SW-20	SMI	18-May-99	pH	4.22	
SW-20	SMI	11-Mar-99	pH	4.26	
SW-20	SMI	19-Apr-99	pH	4.31	
SW-20	SMI	17-Feb-99	pH	4.36	
SW-20	SMI	12-Jan-99	pH	4.45	
SW-20	SMI	3-Feb-00	pH	4.48	
SW-20	SMI	8-Dec-99	pH	4.49	
SW-20	SMI	3-Feb-00	pH	4.49	
SW-20	SMI	10-Nov-98	pH	4.54	
SW-20	SMI	8-Dec-98	pH	4.55	
SW-20	SMI	8-Jan-00	pH	4.72	
SW-20	SMI	8-Jan-00	pH	4.83	
SW-20	SMI	3-Feb-00	Sulfate	2680000	
SW-20	SMI	3-Feb-00	Sulfate	2780000	
SW-20	SMI	8-Jan-00	Sulfate	2820000	
SW-20	SMI	8-Jan-00	Sulfate	2860000	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-20	SMI	8-Dec-98	Sulfate	2980000	
SW-20	SMI	12-Jan-99	Sulfate	3000000	
SW-20	SMI	11-Mar-99	Sulfate	3000000	
SW-20	SMI	8-Dec-99	Sulfate	3150000	
SW-20	SMI	19-Apr-99	Sulfate	3240000	
SW-20	SMI	18-May-99	Sulfate	3240000	
SW-20	SMI	7-Aug-99	Sulfate	3350000	
SW-20	SMI	17-Feb-99	Sulfate	3420000	
SW-20	SMI	28-Apr-98	Sulfate	3477000	
SW-20	SMI	16-Jun-99	Sulfate	3620000	
SW-20	SMI	10-Nov-98	Sulfate	3650000	
SW-20	SMI	10-Nov-98	Sulfate	3660000	
SW-20	SMI	14-Oct-98	Sulfate	4110000	
Pit 3					
SW-39	SMI	17-May-99	Hardness	1990	
SW-39	SMI	21-Apr-99	Hardness	2000	
SW-39	SMI	15-Jun-99	Hardness	2050	
SW-39	SMI	12-Dec-99	Hardness	2200	
SW-39	SMI	4-Feb-00	Hardness	2210	
SW-39	SMI	14-Oct-98	Hardness	2320	
SW-39	SMI	15-Nov-98	Hardness	2320	
SW-39	SMI	14-Oct-98	Hardness	2330	
SW-39	SMI	10-Dec-98	Hardness	2360	
SW-39	SMI	4-Feb-00	pH	4.04	
SW-39	SMI	22-Jul-98	pH	4.09	
SW-39	SMI	21-Apr-99	pH	4.13	
SW-39	SMI	29-Apr-98	pH	4.26	
SW-39	SMI	15-Jun-99	pH	4.26	
SW-39	SMI	12-Dec-99	pH	4.38	
SW-39	SMI	15-Nov-98	pH	4.41	
SW-39	SMI	17-May-99	pH	4.44	
SW-39	SMI	14-Oct-98	pH	4.45	
SW-39	SMI	10-Dec-98	pH	4.56	
SW-39	SMI	21-Apr-99	Sulfate	2310000	
SW-39	SMI	17-May-99	Sulfate	2480000	
SW-39	SMI	15-Jun-99	Sulfate	2680000	
SW-39	SMI	29-Apr-98	Sulfate	2759000	
SW-39	SMI	12-Dec-99	Sulfate	2800000	
SW-39	SMI	14-Oct-98	Sulfate	2880000	
SW-39	SMI	14-Oct-98	Sulfate	2930000	
SW-39	SMI	15-Nov-98	Sulfate	2990000	
SW-39	SMI	10-Dec-98	Sulfate	3190000	
SW-39	SMI	4-Feb-00	Sulfate	3280000	
Pit 4					
SW-40	SMI	21-Apr-99	Hardness	120	
SW-40	SMI	17-May-99	Hardness	194	
SW-40	SMI	15-Jun-99	Hardness	238	
SW-40	SMI	20-Feb-99	Hardness	310	
SW-40	SMI	14-Jan-99	Hardness	350	
SW-40	SMI	14-Oct-98	Hardness	352	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-40	SMI	10-Dec-98	Hardness	352	
SW-40	SMI	15-Nov-98	Hardness	363	
SW-40	SMI	22-Jul-98	pH	6.79	
SW-40	SMI	14-Jan-99	pH	6.85	
SW-40	SMI	20-Feb-99	pH	6.92	
SW-40	SMI	15-Jun-99	pH	6.99	
SW-40	SMI	21-Apr-99	pH	7	
SW-40	SMI	10-Dec-98	pH	7.02	
SW-40	SMI	15-Nov-98	pH	7.1	
SW-40	SMI	17-May-99	pH	7.43	
SW-40	SMI	14-Oct-98	pH	7.54	
SW-40	SMI	29-Apr-98	pH	7.78	
SW-40	SMI	21-Apr-99	Sulfate	110000	
SW-40	SMI	17-May-99	Sulfate	190000	
SW-40	SMI	15-Jun-99	Sulfate	230000	
SW-40	SMI	20-Feb-99	Sulfate	280000	
SW-40	SMI	29-Apr-98	Sulfate	282800	
SW-40	SMI	10-Dec-98	Sulfate	320000	
SW-40	SMI	14-Oct-98	Sulfate	330000	
SW-40	SMI	15-Nov-98	Sulfate	330000	
SW-40	SMI	14-Jan-99	Sulfate	330000	
Upper Blue Creek					
BC10SW/BC10SD	URS	5-Apr-00	Hardness	27.6	
SW-4	SMI	21-Apr-99	Hardness	30	
SW-4	SMI	12-Mar-99	Hardness	35	
BC10SW/BC10SD	URS	30-Sep-99	Hardness	38.3	
SW-4	SMI	16-May-99	Hardness	40	
SW-4	SMI	14-Jun-99	Hardness	49	
SW-4	SMI	18-Feb-99	Hardness	59	
SW-4	SMI	9-Dec-98	Hardness	68	
SW-4	SMI	15-Oct-98	Hardness	94	
SW-4	SMI	12-Nov-98	Hardness	115	
SW-4	SMI	13-Jan-99	Hardness	122	
SW-4	SMI	13-Jan-99	Hardness	122	
BC10SW/BC10SD	URS	30-Sep-99	pH	6.54	
SW-4	SMI	18-Feb-99	pH	6.59	
SW-4	SMI	13-Jan-99	pH	6.73	
SW-4	SMI	21-Apr-99	pH	6.83	
BC10SW/BC10SD	URS	5-Apr-00	pH	6.97	
SW-4	SMI	14-Jun-99	pH	6.97	
SW-4	SMI	20-Jul-98	pH	7.03	
SW-4	SMI	9-Dec-98	pH	7.06	
SW-4	SMI	12-Mar-99	pH	7.08	
SW-4	SMI	12-Nov-98	pH	7.5	
SW-4	SMI	16-May-99	pH	7.55	
SW-4	SMI	27-Apr-98	pH	7.74	
SW-4	SMI	15-Oct-98	pH	7.85	
BC10SW/BC10SD	URS	30-Sep-99	Sulfate	2880	
BC10SW/BC10SD	URS	5-Apr-00	Sulfate	3600	
SW-4	SMI	27-Apr-98	Sulfate	9000	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-4	SMI	13-Jan-99	Sulfate	20000	
SW-4	SMI	13-Jan-99	Sulfate	20000	
SW-4	SMI	18-Feb-99	Sulfate	20000	
SW-4	SMI	16-May-99	Sulfate	20000	
SW-4	SMI	14-Jun-99	Sulfate	20000	
SW-4	SMI	9-Dec-98	Sulfate	30000	
SW-4	SMI	12-Mar-99	Sulfate	30000	
SW-4	SMI	15-Oct-98	Sulfate	60000	
SW-4	SMI	12-Nov-98	Sulfate	70000	
SW-4	SMI	21-Apr-99	Sulfate	ND	U
Upper Eastern Drainage					
ED04-SD/ED-2A	URS	9-Mar-00	Hardness	587	
SW-02/SDED-6	URS	6-Apr-00	Hardness	609	
SW-02/SDED-6	SMI	19-Feb-99	Hardness	661	
ED04-SD/ED-2A	URS	6-Apr-00	Hardness	770	
SWED-02/SDED-04	URS	9-Mar-00	Hardness	807	
SWED-02/SDED-04	URS	9-Mar-00	Hardness	817	
SW-02/SDED-6	SMI	12-Mar-99	Hardness	875	
SW-11	SMI	12-Mar-99	Hardness	924	
SWED-01/SDED-03	URS	6-Apr-00	Hardness	929	
SWED-02/SDED-04	URS	5-Apr-00	Hardness	977	
SW-11	SMI	18-Feb-99	Hardness	1030	
SW-02/SDED-6	SMI	9-Dec-98	Hardness	1070	
ED-4A/SDED-02	URS	6-Apr-00	Hardness	1152	
SW-11	SMI	9-Dec-98	Hardness	1330	
SW-11	SMI	20-Apr-99	Hardness	1620	
SW-02/SDED-6	SMI	13-Jan-99	Hardness	1640	
SW-11	SMI	16-May-99	Hardness	1850	
SW-02/SDED-6	SMI	16-May-99	Hardness	1870	
SW-02/SDED-6	SMI	20-Apr-99	Hardness	1950	
SW-02/SDED-6	SMI	16-May-99	Hardness	1980	
SW-11	SMI	14-Jun-99	Hardness	2060	
SW-02/SDED-6	SMI	14-Jun-99	Hardness	2080	
SW-11	SMI	16-Oct-98	Hardness	2130	
SW-11	SMI	13-Jan-99	Hardness	2300	
SW-02/SDED-6	SMI	16-Oct-98	Hardness	2390	
SW-02/SDED-6	URS	26-Sep-99	Hardness	2433	
SW-11	SMI	12-Nov-98	Hardness	2440	
ED04-SD/ED-2A	URS	25-Sep-99	Hardness	2494	
SWED-01/SDED-03	URS	10-Sep-99	Hardness	2529	
SW-02/SDED-6	SMI	12-Nov-98	Hardness	2530	
SWED-02/SDED-04	URS	10-Sep-99	Hardness	2533	
ED-4A/SDED-02	URS	10-Sep-99	Hardness	2623	
SW-02/SDED-6	SMI	14-Jun-99	pH	6.8	
SW-11	SMI	14-Jun-99	pH	6.94	
SW-02/SDED-6	SMI	12-Nov-98	pH	7.04	
SW-02/SDED-6	SMI	16-May-99	pH	7.14	
SW-02/SDED-6	SMI	16-May-99	pH	7.15	
SW-11	SMI	12-Nov-98	pH	7.19	
SW-02/SDED-6	SMI	20-Apr-99	pH	7.2	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-11	SMI	27-Apr-98	pH	7.23	
SW-02/SDED-6	SMI	16-Oct-98	pH	7.3	
ED04-SD/ED-2A	URS	25-Sep-99	pH	7.32	
ED-4A/SDED-02	URS	10-Sep-99	pH	7.35	
SW-02/SDED-6	SMI	23-Jul-98	pH	7.35	
SW-02/SDED-6	URS	26-Sep-99	pH	7.37	
SW-02/SDED-6	SMI	13-Jan-99	pH	7.39	
SWED-02/SDED-04	URS	10-Sep-99	pH	7.41	
SW-11	SMI	16-May-99	pH	7.43	
SWED-02/SDED-04	URS	9-Mar-00	pH	7.47	
SW-11	SMI	13-Jan-99	pH	7.52	
SW-11	SMI	23-Jul-98	pH	7.54	
SW-11	SMI	16-Oct-98	pH	7.55	
SW-02/SDED-6	SMI	30-Apr-98	pH	7.56	
SW-11	SMI	20-Apr-99	pH	7.62	
SWED-01/SDED-03	URS	10-Sep-99	pH	7.63	
SW-11	SMI	18-Feb-99	pH	7.76	
SW-02/SDED-6	SMI	19-Feb-99	pH	7.8	
SW-02/SDED-6	SMI	9-Dec-98	pH	7.85	
SW-11	SMI	9-Dec-98	pH	7.89	
ED04-SD/ED-2A	URS	9-Mar-00	pH	7.91	
SW-02/SDED-6	SMI	12-Mar-99	pH	8.02	
SW-11	SMI	12-Mar-99	pH	8.09	
ED-4A/SDED-02	URS	6-Apr-00	pH	8.28	
SWED-02/SDED-04	URS	5-Apr-00	pH	8.5	
ED04-SD/ED-2A	URS	6-Apr-00	pH	8.59	
SWED-01/SDED-03	URS	6-Apr-00	pH	8.78	
SW-02/SDED-6	URS	6-Apr-00	pH	8.89	
SW-02/SDED-6	URS	6-Apr-00	Sulfate	458000	J
ED04-SD/ED-2A	URS	9-Mar-00	Sulfate	499000	
SW-02/SDED-6	SMI	19-Feb-99	Sulfate	530000	
ED04-SD/ED-2A	URS	6-Apr-00	Sulfate	634000	
SW-02/SDED-6	SMI	13-Jan-99	Sulfate	670000	
SW-11	SMI	12-Mar-99	Sulfate	700000	
SW-02/SDED-6	SMI	12-Mar-99	Sulfate	720000	
SWED-02/SDED-04	URS	9-Mar-00	Sulfate	733000	
SWED-02/SDED-04	URS	9-Mar-00	Sulfate	742000	
SWED-01/SDED-03	URS	6-Apr-00	Sulfate	792000	
SWED-02/SDED-04	URS	5-Apr-00	Sulfate	893000	
SW-11	SMI	18-Feb-99	Sulfate	900000	
ED-4A/SDED-02	URS	6-Apr-00	Sulfate	904000	
SW-11	SMI	13-Jan-99	Sulfate	970000	
SW-02/SDED-6	SMI	9-Dec-98	Sulfate	1010000	
SW-11	SMI	9-Dec-98	Sulfate	1230000	
SW-11	SMI	20-Apr-99	Sulfate	1760000	
SW-02/SDED-6	SMI	20-Apr-99	Sulfate	1800000	
SW-02/SDED-6	SMI	16-May-99	Sulfate	1820000	
SW-11	SMI	16-May-99	Sulfate	1930000	
SW-02/SDED-6	SMI	16-May-99	Sulfate	2010000	
SW-11	SMI	27-Apr-98	Sulfate	2089000	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
SW-02/SDED-6	SMI	14-Jun-99	Sulfate	2170000	
SW-11	SMI	14-Jun-99	Sulfate	2170000	
SW-02/SDED-6	SMI	12-Nov-98	Sulfate	2260000	
SW-11	SMI	16-Oct-98	Sulfate	2270000	
SW-02/SDED-6	SMI	30-Apr-98	Sulfate	2277000	
SW-11	SMI	12-Nov-98	Sulfate	2370000	
SW-02/SDED-6	URS	26-Sep-99	Sulfate	2380000	
SWED-01/SDED-03	URS	10-Sep-99	Sulfate	2430000	
SWED-02/SDED-04	URS	10-Sep-99	Sulfate	2430000	
SW-02/SDED-6	SMI	16-Oct-98	Sulfate	2520000	
ED-4A/SDED-02	URS	10-Sep-99	Sulfate	2530000	
ED04-SD/ED-2A	URS	25-Sep-99	Sulfate	2540000	
Western Drainage					
WDAC/SDWD-03	SMI	12-Mar-99	Hardness	666	
WDAC/SDWD-03	URS	8-Apr-00	Hardness	766	
WDAC/SDWD-03	SMI	20-Apr-99	Hardness	879	
WDAC/SDWD-03	SMI	17-May-99	Hardness	1080	
WDAC/SDWD-03	SMI	15-Jun-99	Hardness	1350	
WDAC/SDWD-03	SMI	6-Aug-99	Hardness	1470	
WDAC/SDWD-03	SMI	17-Feb-99	Hardness	1570	
WDAC/SDWD-03	SMI	5-Feb-00	Hardness	1790	
WDAC/SDWD-03	SMI	11-Dec-99	Hardness	2050	
WDAC/SDWD-03	SMI	6-Jan-00	Hardness	2110	
WDAC/SDWD-03	SMI	12-Nov-98	Hardness	2120	
WDAC/SDWD-03	SMI	9-Dec-98	Hardness	2180	
WDAC/SDWD-03	URS	12-Sep-99	Hardness	2202	
WDAC/SDWD-03	SMI	9-Dec-98	Hardness	2210	
WDAC/SDWD-03	SMI	16-Oct-98	Hardness	2270	
WDAC/SDWD-03	SMI	12-Jan-99	Hardness	4170	
WDAC/SDWD-03	SMI	12-Nov-98	pH	5	
WDAC/SDWD-03	URS	12-Sep-99	pH	5.04	
WDAC/SDWD-03	SMI	12-Jan-99	pH	5.07	
WDAC/SDWD-03	SMI	6-Jan-00	pH	5.26	
WDAC/SDWD-03	SMI	11-Dec-99	pH	5.28	
WDAC/SDWD-03	SMI	6-Aug-99	pH	5.29	
WDAC/SDWD-03	SMI	16-Oct-98	pH	5.39	
WDAC/SDWD-03	SMI	5-Feb-00	pH	5.39	
WDAC/SDWD-03	SMI	17-Feb-99	pH	5.45	
WDAC/SDWD-03	SMI	9-Dec-98	pH	5.47	
WDAC/SDWD-03	SMI	23-Jul-98	pH	5.5	
WDAC/SDWD-03	SMI	27-Apr-98	pH	5.88	
WDAC/SDWD-03	SMI	17-May-99	pH	5.99	
WDAC/SDWD-03	SMI	15-Jun-99	pH	6.07	
WDAC/SDWD-03	SMI	20-Apr-99	pH	6.14	
WDAC/SDWD-03	SMI	12-Mar-99	pH	6.16	
WDAC/SDWD-03	URS	8-Apr-00	pH	6.38	
WDAC/SDWD-03	SMI	12-Mar-99	Sulfate	640000	
WDAC/SDWD-03	URS	8-Apr-00	Sulfate	771000	
WDAC/SDWD-03	SMI	20-Apr-99	Sulfate	890000	
WDAC/SDWD-03	SMI	15-Jun-99	Sulfate	1110000	

Table A-3
SURFACE WATER DATA - HARDNESS, pH, AND SULFATE

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Detected Results	Data Qualifier
WDAC/SDWD-03	SMI	17-May-99	Sulfate	1120000	
WDAC/SDWD-03	SMI	27-Apr-98	Sulfate	1562000	
WDAC/SDWD-03	SMI	17-Feb-99	Sulfate	1600000	
WDAC/SDWD-03	SMI	6-Aug-99	Sulfate	1880000	J
WDAC/SDWD-03	SMI	12-Nov-98	Sulfate	2100000	
WDAC/SDWD-03	SMI	12-Jan-99	Sulfate	2160000	
WDAC/SDWD-03	SMI	5-Feb-00	Sulfate	2200000	
WDAC/SDWD-03	SMI	11-Dec-99	Sulfate	2240000	
WDAC/SDWD-03	URS	12-Sep-99	Sulfate	2250000	
WDAC/SDWD-03	SMI	6-Jan-00	Sulfate	2250000	
WDAC/SDWD-03	SMI	9-Dec-98	Sulfate	2270000	
WDAC/SDWD-03	SMI	9-Dec-98	Sulfate	2290000	
WDAC/SDWD-03	SMI	16-Oct-98	Sulfate	2410000	

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
Blood Pool						
BP	calculated from SMI data	14-Jan-99	Uranium	1980	1980	
BP	calculated from SMI data	8-Dec-98	Uranium	2610	2610	J
BP	calculated from SMI data	11-Mar-99	Uranium	3300	3300	
BP	calculated from SMI data	19-Apr-99	Uranium	5990	5990	
BP	calculated from SMI data	16-May-99	Uranium	6290	6290	
BP01SW/BP01SD	ECOENV	1-Apr-98	Uranium	8050	8050	
BP02SW/BP02SD	ECOENV	1-Apr-98	Uranium	8170	8170	
Central Drainage						
SDCD-02/SW-12	URS	12-Sep-99	Uranium	5	5	J
SDCD-02/SW-12	URS	8-Apr-00	Uranium	727	727	
Far Western Drainage						
SDFW-01/SWFW-01	URS	11-Apr-00	Uranium	10	10	
Lower Blue Creek						
BC01SW/BC01SD	URS	4-Apr-00	Uranium	7	7	
BC04SW/BC04SD	URS	4-Apr-00	Uranium	7	7	
BC03SW/BC03SD	ECOENV	1-Apr-98	Uranium	14.1	14.1	
BC02SW/BC02SD	ECOENV	1-Apr-98	Uranium	15.6	15.6	
BC04SW/BC04SD	ECOENV	1-Apr-98	Uranium	16.5	16.5	
BC01SW/BC01SD	ECOENV	1-Apr-98	Uranium	17.4	17.4	
BC04SW/BC04SD	URS	28-Sep-99	Uranium	18	18	
BC01SW/BC01SD	URS	28-Sep-99	Uranium	27	27	
Lower Eastern Drainage						
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Uranium	32.9	32.9	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium	37	37	
ED02SW/ED02SD	ECOENV	1-Apr-98	Uranium	40.4	40.4	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Uranium	58	58	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Uranium	78	78	
Middle Blue Creek						
BC05SW/BC05SD	URS	4-Apr-00	Uranium	7	7	
BC09SW/BC09SD	URS	5-Apr-00	Uranium	9	9	
SW-5	calculated from SMI data	12-Mar-99	Uranium	10	10	
SW-5	calculated from SMI data	21-Apr-99	Uranium	10	10	
SW-7	calculated from SMI data	21-Apr-99	Uranium	10	10	

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
BC08SW/BC08SD	ECOENV	1-Apr-98	Uranium	14.1	14.1	
BC06SW/BC06SD	ECOENV	1-Apr-98	Uranium	16.2	16.2	
BC07SW/BC07SD	ECOENV	1-Apr-98	Uranium	16.7	16.7	
BC05SW/BC05SD	ECOENV	1-Apr-98	Uranium	17.3	17.3	
SW-5	calculated from SMI data	16-May-99	Uranium	20	20	
SW-5	calculated from SMI data	14-Jun-99	Uranium	20	20	
SW-7	calculated from SMI data	18-Feb-99	Uranium	20	20	
SW-7	calculated from SMI data	12-Mar-99	Uranium	20	20	
SW-7	calculated from SMI data	16-May-99	Uranium	20	20	
BC09SW/BC09SD	URS	29-Sep-99	Uranium	25	25	
BC05SW/BC05SD	URS	29-Sep-99	Uranium	30	30	
SW-5	calculated from SMI data	15-Oct-98	Uranium	30	30	J
SW-5	calculated from SMI data	12-Nov-98	Uranium	30	30	
SW-5	calculated from SMI data	18-Feb-99	Uranium	30	30	
SW-7	calculated from SMI data	15-Oct-98	Uranium	30	30	
SW-7	calculated from SMI data	11-Nov-98	Uranium	30	30	
SW-7	calculated from SMI data	14-Jun-99	Uranium	30	30	
BC09SW/BC09SD	ECOENV	1-Apr-98	Uranium	47.1	47.1	
SW-5	calculated from SMI data	13-Jan-99	Uranium	50	50	
SW-7	calculated from SMI data	9-Dec-98	Uranium	90	90	J
SW-5	calculated from SMI data	9-Dec-98	Uranium	100	100	J

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-7	calculated from SMI data	13-Jan-99	Uranium	100	100	
Northeastern Drainge						
SDNE-01/SWNE-01	URS	7-Apr-00	Uranium	1070	1070	
Outfall						
OF01SW/OF01SD	URS	27-Sep-99	Uranium	63	63	
OF01SW/OF01SD	ECOENV	1-Apr-98	Uranium	82	82	
OF01SW/OF01SD	URS	7-Apr-00	Uranium	255	255	
Pollution Control Pond						
SW-20	calculated from SMI data	3-Feb-00	Uranium	7490	7490	
SW-20	calculated from SMI data	3-Feb-00	Uranium	7800	7800	
SW-20	calculated from SMI data	8-Jan-00	Uranium	8110	8110	
SW-20	calculated from SMI data	8-Jan-00	Uranium	11200	11200	
SW-20	calculated from SMI data	18-May-99	Uranium	13800	13800	
SW-20	calculated from SMI data	12-Jan-99	Uranium	17400	17400	
SW-20	calculated from SMI data	19-Apr-99	Uranium	17700	17700	
SW-20	calculated from SMI data	10-Nov-98	Uranium	18600	18600	
SW-20	calculated from SMI data	8-Dec-99	Uranium	18600	18600	
SW-20	calculated from SMI data	10-Nov-98	Uranium	19200	19200	
SW-20	calculated from SMI data	8-Dec-98	Uranium	19500	19500	J
SW-20	calculated from SMI data	17-Feb-99	Uranium	19800	19800	
SW-20	calculated from SMI data	16-Jun-99	Uranium	20400	20400	

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-20	calculated from SMI data	7-Aug-99	Uranium	22200	22200	
SW-20	calculated from SMI data	11-Mar-99	Uranium	22500	22500	
PP01SW/PP01SD	ECOENV	1-Apr-98	Uranium	22600	22600	
PP02SW/PP02SD	ECOENV	1-Apr-98	Uranium	26700	26700	
SW-20	calculated from SMI data	14-Oct-98	Uranium	30000	30000	
Pit 3						
SW-39	calculated from SMI data	4-Feb-00	Uranium	2000	2000	
SW-39	calculated from SMI data	21-Apr-99	Uranium	12000	12000	
SW-39	calculated from SMI data	15-Jun-99	Uranium	17100	17100	
SW-39	calculated from SMI data	17-May-99	Uranium	17700	17700	
SW-39	calculated from SMI data	12-Dec-99	Uranium	17700	17700	
SW-39	calculated from SMI data	10-Dec-98	Uranium	18000	18000	J
P302SW/P302SD	ECOENV	1-Apr-98	Uranium	19300	19300	
P303SW/P303SD	ECOENV	1-Apr-98	Uranium	21000	21000	
P301SW	ECOENV	1-Apr-98	Uranium	21800	21800	
SW-39	calculated from SMI data	14-Oct-98	Uranium	22500	22500	
SW-39	calculated from SMI data	15-Nov-98	Uranium	24000	24000	
Pit 4						
SW-40	calculated from SMI data	21-Apr-99	Uranium	1320	1320	
SW-40	calculated from SMI data	17-May-99	Uranium	2160	2160	
P403SW/P403SD	ECOENV	1-Apr-98	Uranium	2330	2330	
P402SW/P402SD	ECOENV	1-Apr-98	Uranium	2350	2350	

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-40	calculated from SMI data	15-Jun-99	Uranium	2580	2580	
P401SW/P401SD	ECOENV	1-Apr-98	Uranium	2640	2640	
SW-40	calculated from SMI data	20-Feb-99	Uranium	2730	2730	
SW-40	calculated from SMI data	14-Oct-98	Uranium	2850	2850	
SW-40	calculated from SMI data	15-Nov-98	Uranium	3000	3000	
SW-40	calculated from SMI data	10-Dec-98	Uranium	3300	3300	J
SW-40	calculated from SMI data	14-Jan-99	Uranium	3300	3300	
Upper Blue Creek						
BC10SW/BC10SD	ECOENV	1-Apr-98	Uranium	1.5	1.5	
BC10SW/BC10SD	URS	30-Sep-99	Uranium	2	2	
BC10SW/BC10SD	URS	5-Apr-00	Uranium	3	3	
SW-4	calculated from SMI data	12-Nov-98	Uranium	3	3	
SW-4	calculated from SMI data	13-Jan-99	Uranium	3	3	J
SW-4	calculated from SMI data	18-Feb-99	Uranium	3	3	
SW-4	calculated from SMI data	13-Jan-99	Uranium	4	4	J
SW-4	calculated from SMI data	21-Apr-99	Uranium	4	4	
SW-4	calculated from SMI data	16-May-99	Uranium	5	5	
SW-4	calculated from SMI data	14-Jun-99	Uranium	10	10	
SW-4	calculated from SMI data	12-Mar-99	Uranium	20	20	
SW-4	calculated from SMI data	15-Oct-98	Uranium	40	40	J

Table A-4
SURFACE WATER DATA - URANIUM

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (ug/l)	Detected Results (ug/l)	Data Qualifier
SW-4	calculated from SMI data	9-Dec-98	Uranium	70	70	J
Upper Eastern Drainage						
SW-11	calculated from SMI data	12-Nov-98	Uranium	30	30	
SW-11	calculated from SMI data	20-Apr-99	Uranium	30	30	
ED-4A/SDED-02	URS	10-Sep-99	Uranium	32	32	
SWED-01/SDED-03	URS	10-Sep-99	Uranium	33	33	
SWED-02/SDED-04	URS	10-Sep-99	Uranium	34	34	
ED04-SD/ED-2A	URS	25-Sep-99	Uranium	39	39	
SW-11	calculated from SMI data	16-May-99	Uranium	40	40	
SW-11	calculated from SMI data	14-Jun-99	Uranium	40	40	
ED05SW/ED05SD	ECOENV	1-Apr-98	Uranium	42.7	42.7	
ED04SW/ED04SD	ECOENV	1-Apr-98	Uranium	44.5	44.5	
ED03SW/ED03SD	ECOENV	1-Apr-98	Uranium	46	46	
SW-02/SDED-6	URS	26-Sep-99	Uranium	47	47	
SWED-01/SDED-03	URS	6-Apr-00	Uranium	54	54	
SW-11	calculated from SMI data	16-Oct-98	Uranium	70	70	
SWED-02/SDED-04	URS	9-Mar-00	Uranium	71	71	
ED-4A/SDED-02	URS	6-Apr-00	Uranium	74	74	
SW-02/SDED-6	URS	6-Apr-00	Uranium	74	74	
ED04-SD/ED-2A	URS	6-Apr-00	Uranium	77	77	
SW-11	calculated from SMI data	18-Feb-99	Uranium	80	80	
SW-11	calculated from SMI data	12-Mar-99	Uranium	80	80	
ED04-SD/ED-2A	URS	9-Mar-00	Uranium	81	81	
SWED-02/SDED-04	URS	5-Apr-00	Uranium	81	81	
SW-11	calculated from SMI data	13-Jan-99	Uranium	90	90	
SW-11	calculated from SMI data	9-Dec-98	Uranium	130	130	J
Western Drainage						
WDAC/SDWD-03	URS	8-Apr-00	Uranium	97	97	
WDAC/SDWD-03	URS	12-Sep-99	Uranium	103	103	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
Blood Pool						
BP	SMI	14-Jan-99	Radium 226	1.37	1.37	
BP	SMI	8-Dec-98	Radium 226	2.08	2.08	
BP	SMI	16-May-99	Radium 226	2.6	2.6	
BP	SMI	11-Mar-99	Radium 226	2.9	2.9	
BP	SMI	19-Apr-99	Radium 226	5.4	5.4	
BP02SW/BP02SD	ECOENV	1-Apr-98	Radium 226	6.7	6.7	
BP01SW/BP01SD	ECOENV	1-Apr-98	Radium 226	7.3	7.3	
BP	SMI	16-May-99	Radium 228	0.12	0.12	
BP	SMI	11-Mar-99	Radium 228	0.46	0.46	
BP01SW/BP01SD	ECOENV	1-Apr-98	Radium 228	2.3	2.3	
BP02SW/BP02SD	ECOENV	1-Apr-98	Radium 228	2.4	2.4	
BP	SMI	19-Apr-99	Radium 228	2.5	2.5	
BP	SMI	8-Dec-98	Radium 228	3.6	3.6	
BP01SW/BP01SD	ECOENV	1-Apr-98	Thorium 232	2.1	ND	U
BP02SW/BP02SD	ECOENV	1-Apr-98	Thorium 232	2.2	ND	U
BP	SMI	14-Jan-99	Uranium 234	660	660	
BP	SMI	8-Dec-98	Uranium 234	950	950	J
BP	SMI	11-Mar-99	Uranium 234	1100	1100	
BP02SW/BP02SD	ECOENV	1-Apr-98	Uranium 234	1899	1899	
BP	SMI	19-Apr-99	Uranium 234	2000	2000	
BP	SMI	16-May-99	Uranium 234	2100	2100	
BP01SW/BP01SD	ECOENV	1-Apr-98	Uranium 234	2386	2386	
BP	SMI	14-Jan-99	Uranium 235	25	25	
BP	SMI	8-Dec-98	Uranium 235	40	40	
BP	SMI	11-Mar-99	Uranium 235	42	42	
BP	SMI	16-May-99	Uranium 235	73	73	
BP	SMI	19-Apr-99	Uranium 235	74	74	
BP01SW/BP01SD	ECOENV	1-Apr-98	Uranium 235	171	171	
BP02SW/BP02SD	ECOENV	1-Apr-98	Uranium 235	440	440	
BP	SMI	14-Jan-99	Uranium 238	660	660	
BP	SMI	8-Dec-98	Uranium 238	870	870	J
BP	SMI	11-Mar-99	Uranium 238	1100	1100	
BP	SMI	19-Apr-99	Uranium 238	2000	2000	
BP	SMI	16-May-99	Uranium 238	2100	2100	
BP02SW/BP02SD	ECOENV	1-Apr-98	Uranium 238	2103	2103	
BP01SW/BP01SD	ECOENV	1-Apr-98	Uranium 238	2670	2670	
Central Drainage						
SDCD-02/SW-12	SMI	29-Apr-98	Radium 226	0.2	0.2	
SDCD-02/SW-12	URS	12-Sep-99	Radium 226	0.3	0.3	
SDCD-02/SW-12	SMI	22-Apr-99	Radium 226	0.35	0.35	
SDCD-02/SW-12	SMI	19-May-99	Radium 226	0.41	0.41	
SDCD-02/SW-12	SMI	13-Jun-99	Radium 226	0.43	0.43	
SDCD-02/SW-12	SMI	6-Aug-99	Radium 226	0.48	0.48	
SDCD-02/SW-12	SMI	3-Feb-00	Radium 226	0.6	0.6	
SDCD-02/SW-12	SMI	17-Feb-99	Radium 226	0.62	0.62	
SDCD-02/SW-12	SMI	7-Jan-00	Radium 226	0.7	0.7	
SDCD-02/SW-12	SMI	8-Dec-98	Radium 226	0.79	0.79	
SDCD-02/SW-12	SMI	9-Dec-99	Radium 226	0.8	0.8	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SDCD-02/SW-12	SMI	17-Feb-99	Radium 226	0.86	0.86	
SDCD-02/SW-12	SMI	11-Mar-99	Radium 226	0.88	0.88	
SDCD-02/SW-12	SMI	12-Jan-99	Radium 226	0.9	0.9	
SDCD-02/SW-12	SMI	10-Nov-98	Radium 226	1.28	1.28	
SDCD-02/SW-12	SMI	16-Oct-98	Radium 226	1.35	1.35	
SDCD-02/SW-12	SMI	16-Oct-98	Radium 226	1.52	1.52	
SDCD-02/SW-12	URS	8-Apr-00	Radium 226	1.75	1.75	
SDCD-02/SW-12	SMI	22-Apr-99	Radium 228	0.24	0.24	
SDCD-02/SW-12	SMI	3-Feb-00	Radium 228	0.3	0.3	J
SDCD-02/SW-12	SMI	7-Jan-00	Radium 228	0.7	0.7	
SDCD-02/SW-12	SMI	12-Jan-99	Radium 228	1.04	1.04	
SDCD-02/SW-12	SMI	16-Oct-98	Radium 228	1.29	1.29	
SDCD-02/SW-12	SMI	8-Dec-98	Radium 228	1.3	1.3	
SDCD-02/SW-12	SMI	6-Aug-99	Radium 228	1.3	1.3	
SDCD-02/SW-12	SMI	9-Dec-99	Radium 228	1.6	1.6	
SDCD-02/SW-12	SMI	11-Mar-99	Radium 228	1.88	1.88	
SDCD-02/SW-12	SMI	17-Feb-99	Radium 228	1.9	1.9	
SDCD-02/SW-12	SMI	10-Nov-98	Radium 228	2.22	2.22	
SDCD-02/SW-12	SMI	19-May-99	Radium 228	3	3	
SDCD-02/SW-12	SMI	16-Oct-98	Radium 228	2.36	ND	UJ
SDCD-02/SW-12	SMI	13-Jun-99	Radium 228	1.9	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Radium 228	0.272	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Radium 228	0.238	ND	U
SDCD-02/SW-12	SMI	9-Dec-99	Thorium 232	0.11	0.11	
SDCD-02/SW-12	URS	12-Sep-99	Thorium 232	0.065	ND	U
SDCD-02/SW-12	URS	8-Apr-00	Thorium 232	0.136	ND	U
SDCD-02/SW-12	URS	12-Sep-99	Uranium 234	1.54	1.54	J
SDCD-02/SW-12	SMI	11-Mar-99	Uranium 234	170	170	
SDCD-02/SW-12	SMI	22-Apr-99	Uranium 234	200	200	
SDCD-02/SW-12	SMI	19-May-99	Uranium 234	240	240	
SDCD-02/SW-12	URS	8-Apr-00	Uranium 234	253	253	
SDCD-02/SW-12	SMI	13-Jun-99	Uranium 234	270	270	
SDCD-02/SW-12	SMI	7-Jan-00	Uranium 234	280	280	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 234	280	280	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 234	300	300	
SDCD-02/SW-12	SMI	6-Aug-99	Uranium 234	300	300	
SDCD-02/SW-12	SMI	9-Dec-99	Uranium 234	300	300	
SDCD-02/SW-12	SMI	3-Feb-00	Uranium 234	300	300	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 234	310	310	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 234	320	320	
SDCD-02/SW-12	SMI	10-Nov-98	Uranium 234	340	340	
SDCD-02/SW-12	SMI	8-Dec-98	Uranium 234	360	360	J
SDCD-02/SW-12	SMI	12-Jan-99	Uranium 234	360	360	
SDCD-02/SW-12	SMI	9-Dec-99	Uranium 235	5.6	5.6	
SDCD-02/SW-12	SMI	11-Mar-99	Uranium 235	5.9	5.9	
SDCD-02/SW-12	SMI	13-Jun-99	Uranium 235	9.8	9.8	
SDCD-02/SW-12	SMI	19-May-99	Uranium 235	10	10	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 235	11	11	
SDCD-02/SW-12	SMI	22-Apr-99	Uranium 235	11	11	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SDCD-02/SW-12	SMI	6-Aug-99	Uranium 235	11	11	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 235	12	12	
SDCD-02/SW-12	SMI	10-Nov-98	Uranium 235	12	12	
SDCD-02/SW-12	SMI	7-Jan-00	Uranium 235	12	12	J
SDCD-02/SW-12	URS	8-Apr-00	Uranium 235	12.8	12.8	
SDCD-02/SW-12	SMI	3-Feb-00	Uranium 235	13	13	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 235	13	13	
SDCD-02/SW-12	SMI	8-Dec-98	Uranium 235	14	14	
SDCD-02/SW-12	SMI	12-Jan-99	Uranium 235	14	14	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 235	18	18	
SDCD-02/SW-12	URS	12-Sep-99	Uranium 235	0.176	ND	UJ
SDCD-02/SW-12	SMI	11-Mar-99	Uranium 238	180	180	
SDCD-02/SW-12	SMI	22-Apr-99	Uranium 238	200	200	
SDCD-02/SW-12	SMI	19-May-99	Uranium 238	230	230	
SDCD-02/SW-12	SMI	9-Dec-99	Uranium 238	230	230	
SDCD-02/SW-12	SMI	13-Jun-99	Uranium 238	240	240	
SDCD-02/SW-12	URS	8-Apr-00	Uranium 238	242	242	
SDCD-02/SW-12	SMI	7-Jan-00	Uranium 238	270	270	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 238	280	280	
SDCD-02/SW-12	SMI	3-Feb-00	Uranium 238	280	280	
SDCD-02/SW-12	SMI	17-Feb-99	Uranium 238	280	280	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 238	290	290	
SDCD-02/SW-12	SMI	6-Aug-99	Uranium 238	290	290	
SDCD-02/SW-12	SMI	16-Oct-98	Uranium 238	300	300	
SDCD-02/SW-12	SMI	10-Nov-98	Uranium 238	320	320	
SDCD-02/SW-12	SMI	12-Jan-99	Uranium 238	340	340	
SDCD-02/SW-12	SMI	8-Dec-98	Uranium 238	360	360	J
SDCD-02/SW-12	URS	12-Sep-99	Uranium 238	0.735	ND	UJ
Far Western Drainage						
SDFW-01/SWFW-01	URS	11-Apr-00	Radium 226	1.61	1.61	
SDFW-01/SWFW-01	URS	11-Apr-00	Radium 228	0.267	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Thorium 232	0.0323	ND	U
SDFW-01/SWFW-01	URS	11-Apr-00	Uranium 234	3.3	3.3	
SDFW-01/SWFW-01	URS	11-Apr-00	Uranium 235	0.35	0.35	
SDFW-01/SWFW-01	URS	11-Apr-00	Uranium 238	3.25	3.25	
Franklin D. Roosevelt Lake						
RL01SW/RL01SD	ECOENV	1-Apr-98	Radium 226	1	ND	U
RL01SW/RL01SD	ECOENV	1-Apr-98	Radium 228	1.6	ND	U
RL01SW/RL01SD	ECOENV	1-Apr-98	Thorium 232	0.4	ND	U
RL01SW/RL01SD	ECOENV	1-Apr-98	Uranium 234	0.3	ND	U
RL01SW/RL01SD	ECOENV	1-Apr-98	Uranium 235	0.2	ND	U
RL01SW/RL01SD	ECOENV	1-Apr-98	Uranium 238	0.2	ND	U
Lower Blue Creek						
BC01SW/BC01SD	URS	28-Sep-99	Radium 226	0.356	0.356	J
BC01SW/BC01SD	URS	4-Apr-00	Radium 226	0.389	0.389	
BC01SW/BC01SD	URS	4-Apr-00	Radium 226	0.398	0.398	
BC04SW/BC04SD	URS	28-Sep-99	Radium 226	0.426	0.426	J
BC04SW/BC04SD	URS	4-Apr-00	Radium 226	0.471	0.471	
BC01SW/BC01SD	ECOENV	1-Apr-98	Radium 226	0.8	ND	U

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
BC02SW/BC02SD	ECOENV	1-Apr-98	Radium 226	0.8	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Radium 226	0.8	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Radium 226	0.8	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Radium 228	0.711	0.711	
BC04SW/BC04SD	URS	4-Apr-00	Radium 228	0.727	0.727	
BC01SW/BC01SD	URS	4-Apr-00	Radium 228	0.87	0.87	
BC01SW/BC01SD	ECOENV	1-Apr-98	Radium 228	2.1	2.1	
BC02SW/BC02SD	ECOENV	1-Apr-98	Radium 228	3	3	
BC01SW/BC01SD	URS	28-Sep-99	Radium 228	0.466	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Radium 228	0.131	ND	U
BC01SW/BC01SD	URS	4-Apr-00	Thorium 232	0.16	0.16	
BC01SW/BC01SD	URS	4-Apr-00	Thorium 232	0.164	0.164	
BC04SW/BC04SD	URS	4-Apr-00	Thorium 232	0.231	0.231	
BC01SW/BC01SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
BC01SW/BC01SD	URS	28-Sep-99	Thorium 232	0.0144	ND	U
BC02SW/BC02SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
BC04SW/BC04SD	URS	28-Sep-99	Thorium 232	0.0132	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Uranium 234	3.01	3.01	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 234	3.03	3.03	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 234	3.37	3.37	
BC04SW/BC04SD	ECOENV	1-Apr-98	Uranium 234	4.3	4.3	
BC02SW/BC02SD	ECOENV	1-Apr-98	Uranium 234	4.6	4.6	
BC01SW/BC01SD	ECOENV	1-Apr-98	Uranium 234	5.4	5.4	
BC03SW/BC03SD	ECOENV	1-Apr-98	Uranium 234	5.4	5.4	
BC04SW/BC04SD	URS	28-Sep-99	Uranium 234	6.92	6.92	
BC01SW/BC01SD	URS	28-Sep-99	Uranium 234	9.7	9.7	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 235	0.118	0.118	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 235	0.19	0.19	
BC04SW/BC04SD	URS	4-Apr-00	Uranium 235	0.215	0.215	
BC04SW/BC04SD	URS	28-Sep-99	Uranium 235	0.284	0.284	
BC02SW/BC02SD	ECOENV	1-Apr-98	Uranium 235	0.3	0.3	
BC01SW/BC01SD	URS	28-Sep-99	Uranium 235	0.724	0.724	
BC01SW/BC01SD	ECOENV	1-Apr-98	Uranium 235	0.2	ND	U
BC03SW/BC03SD	ECOENV	1-Apr-98	Uranium 235	0.2	ND	U
BC04SW/BC04SD	ECOENV	1-Apr-98	Uranium 235	0.2	ND	U
BC04SW/BC04SD	URS	4-Apr-00	Uranium 238	2.33	2.33	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 238	2.44	2.44	
BC01SW/BC01SD	URS	4-Apr-00	Uranium 238	2.57	2.57	
BC04SW/BC04SD	ECOENV	1-Apr-98	Uranium 238	3.3	3.3	
BC02SW/BC02SD	ECOENV	1-Apr-98	Uranium 238	3.9	3.9	
BC01SW/BC01SD	ECOENV	1-Apr-98	Uranium 238	4	4	
BC03SW/BC03SD	ECOENV	1-Apr-98	Uranium 238	4.4	4.4	
BC04SW/BC04SD	URS	28-Sep-99	Uranium 238	5.93	5.93	
BC01SW/BC01SD	URS	28-Sep-99	Uranium 238	8.81	8.81	
Lower Eastern Drainage						

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Radium 226	0.12	0.12	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Radium 226	0.262	0.262	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Radium 226	0.32	0.32	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Radium 226	0.32	0.32	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Radium 226	0.36	0.36	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Radium 226	0.499	0.499	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Radium 226	0.64	0.64	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Radium 226	0.72	0.72	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Radium 226	0.84	0.84	
SW-06/ED01-SD/ED01SW	SMI	27-Apr-98	Radium 226	0.9	0.9	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Radium 226	0.9	0.9	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Radium 226	0.937	0.937	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Radium 226	0.94	0.94	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Radium 226	0.97	0.97	
ED02SW/ED02SD	ECOENV	1-Apr-98	Radium 226	1	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Radium 226	1	ND	U
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Radium 228	0.04	0.04	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Radium 228	0.49	0.49	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Radium 228	0.589	0.589	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Radium 228	0.65	0.65	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Radium 228	0.87	0.87	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Radium 228	1.28	1.28	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Radium 228	1.8	1.8	
SW-06/ED01-SD/ED01SW	SMI	12-Nov-98	Radium 228	2.16	2.16	
ED02SW/ED02SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Radium 228	2	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Radium 228	0.59	ND	UJ
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Radium 228	2.5	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Radium 228	0.151	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Radium 228	0.383	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Radium 228	0.306	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thorium 232	0.0161	0.0161	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Thorium 232	0.0329	0.0329	J
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Thorium 232	0.0638	0.0638	
ED02SW/ED02SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Thorium 232	0.0104	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 234	9.6	9.6	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Uranium 234	9.7	9.7	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Uranium 234	10	10	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Uranium 234	10.1	10.1	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 234	12.7	12.7	
ED02SW/ED02SD	ECOENV	1-Apr-98	Uranium 234	13.3	13.3	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 234	13.9	13.9	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Uranium 234	16	16	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Uranium 234	20.4	20.4	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Uranium 234	28.3	28.3	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Uranium 234	29	29	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Uranium 234	35	35	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Uranium 234	56	56	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Uranium 234	73	73	J
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 234	10	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 235	0.34	0.34	
ED02SW/ED02SD	ECOENV	1-Apr-98	Uranium 235	0.6	0.6	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Uranium 235	0.6	0.6	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 235	0.677	0.677	J
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Uranium 235	0.68	0.68	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Uranium 235	0.86	0.86	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Uranium 235	1.02	1.02	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 235	1.17	1.17	J
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Uranium 235	1.46	1.46	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Uranium 235	1.9	1.9	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Uranium 235	2	2	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Uranium 235	6.5	6.5	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 235	0.78	ND	U
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 238	8.9	8.9	
SW-06/ED01-SD/ED01SW	SMI	15-Oct-98	Uranium 238	9.1	9.1	
SW-06/ED01-SD/ED01SW	SMI	14-Jun-99	Uranium 238	10	10	
SW-06/ED01-SD/ED01SW	ECOENV	1-Apr-98	Uranium 238	10.4	10.4	
SW-06/ED01-SD/ED01SW	SMI	20-Apr-99	Uranium 238	12	12	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 238	12.2	12.2	
ED02SW/ED02SD	ECOENV	1-Apr-98	Uranium 238	12.5	12.5	
SW-06/ED01-SD/ED01SW	URS	9-Sep-99	Uranium 238	12.9	12.9	
SW-06/ED01-SD/ED01SW	SMI	16-May-99	Uranium 238	14	14	
SW-06/ED01-SD/ED01SW	URS	9-Mar-00	Uranium 238	19.4	19.4	
SW-06/ED01-SD/ED01SW	URS	5-Apr-00	Uranium 238	26.1	26.1	
SW-06/ED01-SD/ED01SW	SMI	17-Feb-99	Uranium 238	29	29	
SW-06/ED01-SD/ED01SW	SMI	12-Mar-99	Uranium 238	30	30	
SW-06/ED01-SD/ED01SW	SMI	13-Jan-99	Uranium 238	48	48	
SW-06/ED01-SD/ED01SW	SMI	9-Dec-98	Uranium 238	72	72	J
Middle Blue Creek						
SW-7	SMI	13-Jan-99	Radium 226	0.13	0.13	
SW-5	SMI	18-Feb-99	Radium 226	0.17	0.17	
SW-7	SMI	9-Dec-98	Radium 226	0.22	0.22	
SW-7	SMI	18-Feb-99	Radium 226	0.27	0.27	
SW-7	SMI	16-May-99	Radium 226	0.31	0.31	
SW-5	SMI	9-Dec-98	Radium 226	0.37	0.37	
SW-5	SMI	27-Apr-98	Radium 226	0.4	0.4	
SW-5	SMI	16-May-99	Radium 226	0.4	0.4	
SW-5	SMI	13-Jan-99	Radium 226	0.41	0.41	
SW-7	SMI	15-Oct-98	Radium 226	0.45	0.45	
BC05SW/BC05SD	URS	4-Apr-00	Radium 226	0.46	0.46	
SW-5	SMI	15-Oct-98	Radium 226	0.46	0.46	
BC09SW/BC09SD	URS	5-Apr-00	Radium 226	0.471	0.471	
BC05SW/BC05SD	URS	29-Sep-99	Radium 226	0.473	0.473	J
SW-5	SMI	14-Jun-99	Radium 226	0.49	0.49	
SW-7	SMI	14-Jun-99	Radium 226	0.53	0.53	
SW-7	SMI	11-Nov-98	Radium 226	0.57	0.57	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-5	SMI	12-Mar-99	Radium 226	0.62	0.62	
BC09SW/BC09SD	URS	29-Sep-99	Radium 226	0.638	0.638	J
SW-5	SMI	15-Oct-98	Radium 226	0.65	0.65	
SW-7	SMI	21-Apr-99	Radium 226	0.72	0.72	
SW-7	SMI	12-Mar-99	Radium 226	0.74	0.74	
SW-5	SMI	21-Apr-99	Radium 226	0.82	0.82	
SW-7	SMI	15-Oct-98	Radium 226	0.82	0.82	
SW-5	SMI	12-Nov-98	Radium 226	5.1	5.1	
BC05SW/BC05SD	ECOENV	1-Apr-98	Radium 226	0.7	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Radium 226	0.6	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Radium 226	0.7	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Radium 226	0.6	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Radium 226	0.6	ND	U
SW-5	SMI	15-Oct-98	Radium 228	0.25	0.25	
SW-5	SMI	9-Dec-98	Radium 228	0.27	0.27	
SW-7	SMI	12-Mar-99	Radium 228	0.36	0.36	
SW-5	SMI	16-May-99	Radium 228	0.62	0.62	
SW-7	SMI	13-Jan-99	Radium 228	0.76	0.76	
BC09SW/BC09SD	URS	5-Apr-00	Radium 228	0.793	0.793	
SW-5	SMI	12-Mar-99	Radium 228	0.88	0.88	
BC05SW/BC05SD	URS	4-Apr-00	Radium 228	0.908	0.908	
SW-7	SMI	9-Dec-98	Radium 228	1	1	
SW-7	SMI	11-Nov-98	Radium 228	1.17	1.17	
SW-7	SMI	18-Feb-99	Radium 228	1.2	1.2	
SW-5	SMI	18-Feb-99	Radium 228	1.4	1.4	
SW-5	SMI	21-Apr-99	Radium 228	1.4	1.4	
SW-7	SMI	16-May-99	Radium 228	1.4	1.4	
SW-5	SMI	13-Jan-99	Radium 228	1.6	1.6	
SW-7	SMI	15-Oct-98	Radium 228	1.7	1.7	
SW-5	SMI	12-Nov-98	Radium 228	1.89	1.89	
SW-7	SMI	21-Apr-99	Radium 228	2	2	
BC05SW/BC05SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Radium 228	0.114	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
BC09SW/BC09SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Radium 228	0.601	ND	U
SW-5	SMI	15-Oct-98	Radium 228	2.2	ND	UJ
SW-5	SMI	14-Jun-99	Radium 228	1	ND	U
SW-7	SMI	15-Oct-98	Radium 228	2.97	ND	UJ
SW-7	SMI	14-Jun-99	Radium 228	0.92	ND	U
BC05SW/BC05SD	URS	29-Sep-99	Thorium 232	0.0582	0.0582	
BC05SW/BC05SD	URS	4-Apr-00	Thorium 232	0.176	0.176	
BC09SW/BC09SD	URS	5-Apr-00	Thorium 232	0.234	0.234	
BC05SW/BC05SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Thorium 232	0.3	ND	U
BC07SW/BC07SD	ECOENV	1-Apr-98	Thorium 232	0.4	ND	U
BC08SW/BC08SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
BC09SW/BC09SD	ECOENV	1-Apr-98	Thorium 232	0.3	ND	U
BC09SW/BC09SD	URS	29-Sep-99	Thorium 232	0.0252	ND	U
SW-7	SMI	21-Apr-99	Uranium 234	1.4	1.4	
SW-5	SMI	21-Apr-99	Uranium 234	2.8	2.8	
BC05SW/BC05SD	URS	4-Apr-00	Uranium 234	2.83	2.83	
BC09SW/BC09SD	URS	5-Apr-00	Uranium 234	3.39	3.39	
BC05SW/BC05SD	ECOENV	1-Apr-98	Uranium 234	4.1	4.1	
BC08SW/BC08SD	ECOENV	1-Apr-98	Uranium 234	4.3	4.3	
BC06SW/BC06SD	ECOENV	1-Apr-98	Uranium 234	4.6	4.6	
SW-5	SMI	12-Mar-99	Uranium 234	4.8	4.8	
BC07SW/BC07SD	ECOENV	1-Apr-98	Uranium 234	6.1	6.1	
SW-5	SMI	14-Jun-99	Uranium 234	6.2	6.2	
SW-7	SMI	12-Mar-99	Uranium 234	7.2	7.2	
SW-5	SMI	16-May-99	Uranium 234	7.3	7.3	
SW-7	SMI	16-May-99	Uranium 234	7.7	7.7	
SW-5	SMI	15-Oct-98	Uranium 234	8.8	8.8	J
BC09SW/BC09SD	URS	29-Sep-99	Uranium 234	9.22	9.22	
SW-5	SMI	18-Feb-99	Uranium 234	9.4	9.4	
SW-5	SMI	12-Nov-98	Uranium 234	9.9	9.9	
SW-7	SMI	14-Jun-99	Uranium 234	9.9	9.9	
BC05SW/BC05SD	URS	29-Sep-99	Uranium 234	10.3	10.3	
SW-7	SMI	11-Nov-98	Uranium 234	11	11	
SW-7	SMI	18-Feb-99	Uranium 234	11	11	
BC09SW/BC09SD	ECOENV	1-Apr-98	Uranium 234	11.6	11.6	
SW-7	SMI	15-Oct-98	Uranium 234	12	12	
SW-5	SMI	15-Oct-98	Uranium 234	18	18	J
SW-5	SMI	13-Jan-99	Uranium 234	22	22	
SW-7	SMI	9-Dec-98	Uranium 234	28	28	J
SW-5	SMI	9-Dec-98	Uranium 234	30	30	J
SW-7	SMI	13-Jan-99	Uranium 234	46	46	
SW-7	SMI	15-Oct-98	Uranium 234	8.9	ND	U
SW-5	SMI	16-May-99	Uranium 235	0.1	0.1	
BC05SW/BC05SD	URS	4-Apr-00	Uranium 235	0.11	0.11	
BC09SW/BC09SD	URS	5-Apr-00	Uranium 235	0.181	0.181	
BC07SW/BC07SD	ECOENV	1-Apr-98	Uranium 235	0.2	0.2	
SW-5	SMI	12-Mar-99	Uranium 235	0.22	0.22	
SW-7	SMI	16-May-99	Uranium 235	0.34	0.34	
SW-5	SMI	12-Nov-98	Uranium 235	0.36	0.36	
BC08SW/BC08SD	ECOENV	1-Apr-98	Uranium 235	0.4	0.4	
BC09SW/BC09SD	URS	29-Sep-99	Uranium 235	0.435	0.435	
SW-5	SMI	14-Jun-99	Uranium 235	0.44	0.44	
SW-7	SMI	11-Nov-98	Uranium 235	0.45	0.45	
SW-5	SMI	15-Oct-98	Uranium 235	0.49	0.49	J
BC05SW/BC05SD	URS	29-Sep-99	Uranium 235	0.492	0.492	
BC09SW/BC09SD	ECOENV	1-Apr-98	Uranium 235	0.5	0.5	
SW-5	SMI	18-Feb-99	Uranium 235	0.68	0.68	
SW-7	SMI	9-Dec-98	Uranium 235	1.1	1.1	
SW-7	SMI	14-Jun-99	Uranium 235	1.1	1.1	
SW-5	SMI	13-Jan-99	Uranium 235	1.2	1.2	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-7	SMI	12-Mar-99	Uranium 235	1.2	1.2	
SW-7	SMI	21-Apr-99	Uranium 235	1.2	1.2	
SW-5	SMI	9-Dec-98	Uranium 235	1.6	1.6	
SW-5	SMI	15-Oct-98	Uranium 235	6.8	6.8	J
SW-7	SMI	13-Jan-99	Uranium 235	9.4	9.4	
BC05SW/BC05SD	ECOENV	1-Apr-98	Uranium 235	0.1	ND	U
BC06SW/BC06SD	ECOENV	1-Apr-98	Uranium 235	0.3	ND	U
SW-7	SMI	15-Oct-98	Uranium 235	0.62	ND	U
BC05SW/BC05SD	URS	4-Apr-00	Uranium 238	2.42	2.42	
BC09SW/BC09SD	URS	5-Apr-00	Uranium 238	3.05	3.05	
BC08SW/BC08SD	ECOENV	1-Apr-98	Uranium 238	3.4	3.4	
SW-5	SMI	12-Mar-99	Uranium 238	4.4	4.4	
SW-5	SMI	21-Apr-99	Uranium 238	4.4	4.4	
BC05SW/BC05SD	ECOENV	1-Apr-98	Uranium 238	4.6	4.6	
BC06SW/BC06SD	ECOENV	1-Apr-98	Uranium 238	4.6	4.6	
BC07SW/BC07SD	ECOENV	1-Apr-98	Uranium 238	4.6	4.6	
SW-7	SMI	21-Apr-99	Uranium 238	4.7	4.7	
SW-5	SMI	14-Jun-99	Uranium 238	5.3	5.3	
SW-5	SMI	16-May-99	Uranium 238	6	6	
SW-7	SMI	16-May-99	Uranium 238	7.5	7.5	
SW-7	SMI	18-Feb-99	Uranium 238	8.1	8.1	
SW-7	SMI	12-Mar-99	Uranium 238	8.2	8.2	
BC09SW/BC09SD	URS	29-Sep-99	Uranium 238	8.26	8.26	
SW-5	SMI	12-Nov-98	Uranium 238	8.4	8.4	
SW-7	SMI	11-Nov-98	Uranium 238	8.5	8.5	
SW-7	SMI	14-Jun-99	Uranium 238	8.7	8.7	
SW-5	SMI	15-Oct-98	Uranium 238	8.8	8.8	J
SW-5	SMI	18-Feb-99	Uranium 238	9.3	9.3	
SW-5	SMI	15-Oct-98	Uranium 238	10	10	J
SW-7	SMI	15-Oct-98	Uranium 238	10	10	
BC05SW/BC05SD	URS	29-Sep-99	Uranium 238	10.1	10.1	
SW-7	SMI	15-Oct-98	Uranium 238	11	11	
BC09SW/BC09SD	ECOENV	1-Apr-98	Uranium 238	11.1	11.1	
SW-5	SMI	13-Jan-99	Uranium 238	15	15	
SW-7	SMI	9-Dec-98	Uranium 238	29	29	J
SW-5	SMI	9-Dec-98	Uranium 238	32	32	J
SW-7	SMI	13-Jan-99	Uranium 238	32	32	
Northeastern Drainage						
SDNE-01/SWNE-01	URS	7-Apr-00	Radium 226	13.4	13.4	
SDNE-01/SWNE-01	URS	7-Apr-00	Radium 228	1.43	1.43	
SDNE-01/SWNE-01	URS	7-Apr-00	Thorium 232	10.5	10.5	J
SDNE-01/SWNE-01	URS	7-Apr-00	Uranium 234	295	295	
SDNE-01/SWNE-01	URS	7-Apr-00	Uranium 235	19	19	
SDNE-01/SWNE-01	URS	7-Apr-00	Uranium 238	357	357	
Outfall						
OF01SW/OF01SD	URS	7-Apr-00	Radium 226	0.35	0.35	
OF01SW/OF01SD	URS	27-Sep-99	Radium 226	0.447	0.447	J
OF01SW/OF01SD	ECOENV	1-Apr-98	Radium 226	1	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Radium 228	2	ND	U

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
OF01SW/OF01SD	URS	27-Sep-99	Radium 228	0.0404	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Radium 228	0.288	ND	U
OF01SW/OF01SD	ECOENV	1-Apr-98	Thorium 232	0.3	ND	U
OF01SW/OF01SD	URS	27-Sep-99	Thorium 232	-0.0283	ND	U
OF01SW/OF01SD	URS	7-Apr-00	Thorium 232	0.0525	ND	UJ
OF01SW/OF01SD	ECOENV	1-Apr-98	Uranium 234	13.2	13.2	
OF01SW/OF01SD	URS	27-Sep-99	Uranium 234	23.6	23.6	
OF01SW/OF01SD	URS	7-Apr-00	Uranium 234	92.3	92.3	
OF01SW/OF01SD	ECOENV	1-Apr-98	Uranium 235	0.7	0.7	
OF01SW/OF01SD	URS	27-Sep-99	Uranium 235	1.23	1.23	
OF01SW/OF01SD	URS	7-Apr-00	Uranium 235	3.64	3.64	
OF01SW/OF01SD	ECOENV	1-Apr-98	Uranium 238	12.8	12.8	
OF01SW/OF01SD	URS	27-Sep-99	Uranium 238	21	21	
OF01SW/OF01SD	URS	7-Apr-00	Uranium 238	85.1	85.1	
Pollution Control Pond						
SW-20	SMI	8-Jan-00	Radium 226	5.3	5.3	
SW-20	SMI	3-Feb-00	Radium 226	6.3	6.3	
SW-20	SMI	8-Jan-00	Radium 226	6.4	6.4	
SW-20	SMI	28-Apr-98	Radium 226	7.4	7.4	
SW-20	SMI	3-Feb-00	Radium 226	7.4	7.4	
SW-20	SMI	18-May-99	Radium 226	8.1	8.1	
SW-20	SMI	7-Aug-99	Radium 226	10	10	
SW-20	SMI	12-Jan-99	Radium 226	10.4	10.4	
SW-20	SMI	16-Jun-99	Radium 226	12	12	
SW-20	SMI	17-Feb-99	Radium 226	13.3	13.3	
SW-20	SMI	19-Apr-99	Radium 226	15	15	
SW-20	SMI	8-Dec-99	Radium 226	15	15	
SW-20	SMI	11-Mar-99	Radium 226	15.8	15.8	
SW-20	SMI	10-Nov-98	Radium 226	17.6	17.6	
SW-20	SMI	10-Nov-98	Radium 226	23.4	23.4	
PP01SW/PP01SD	ECOENV	1-Apr-98	Radium 226	26.8	26.8	
SW-20	SMI	8-Dec-98	Radium 226	28.8	28.8	
PP02SW/PP02SD	ECOENV	1-Apr-98	Radium 226	29.2	29.2	
SW-20	SMI	14-Oct-98	Radium 226	49	49	
SW-20	SMI	14-Oct-98	Radium 226	49.4	49.4	
SW-20	SMI	3-Feb-00	Radium 228	0	0	J
SW-20	SMI	11-Mar-99	Radium 228	1.7	1.7	
SW-20	SMI	3-Feb-00	Radium 228	1.8	1.8	J
SW-20	SMI	8-Jan-00	Radium 228	1.9	1.9	
SW-20	SMI	18-May-99	Radium 228	2.6	2.6	
SW-20	SMI	8-Jan-00	Radium 228	2.7	2.7	
SW-20	SMI	10-Nov-98	Radium 228	3.31	3.31	J
PP01SW/PP01SD	ECOENV	1-Apr-98	Radium 228	3.8	3.8	
SW-20	SMI	12-Jan-99	Radium 228	3.82	3.82	
SW-20	SMI	17-Feb-99	Radium 228	3.9	3.9	
SW-20	SMI	19-Apr-99	Radium 228	4.1	4.1	
SW-20	SMI	7-Aug-99	Radium 228	4.2	4.2	
SW-20	SMI	8-Dec-99	Radium 228	4.2	4.2	
PP02SW/PP02SD	ECOENV	1-Apr-98	Radium 228	5.3	5.3	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-20	SMI	14-Oct-98	Radium 228	5.7	5.7	
SW-20	SMI	8-Dec-98	Radium 228	6.3	6.3	
SW-20	SMI	10-Nov-98	Radium 228	14.53	14.53	J
SW-20	SMI	14-Oct-98	Radium 228	2.6	ND	UJ
SW-20	SMI	16-Jun-99	Radium 228	4.7	ND	U
SW-20	SMI	8-Dec-99	Thorium 232	0	0	
PP02SW/PP02SD	ECOENV	1-Apr-98	Thorium 232	100	100	
PP01SW/PP01SD	ECOENV	1-Apr-98	Thorium 232	112	112	
SW-20	SMI	3-Feb-00	Uranium 234	2500	2500	
SW-20	SMI	3-Feb-00	Uranium 234	2600	2600	
SW-20	SMI	8-Jan-00	Uranium 234	2700	2700	
SW-20	SMI	8-Jan-00	Uranium 234	3300	3300	
PP02SW/PP02SD	ECOENV	1-Apr-98	Uranium 234	4680	4680	
SW-20	SMI	18-May-99	Uranium 234	4700	4700	
PP01SW/PP01SD	ECOENV	1-Apr-98	Uranium 234	5610	5610	
SW-20	SMI	12-Jan-99	Uranium 234	5700	5700	
SW-20	SMI	19-Apr-99	Uranium 234	5900	5900	
SW-20	SMI	10-Nov-98	Uranium 234	6200	6200	
SW-20	SMI	8-Dec-99	Uranium 234	6200	6200	
SW-20	SMI	10-Nov-98	Uranium 234	6200	6200	
SW-20	SMI	8-Dec-98	Uranium 234	6600	6600	J
SW-20	SMI	17-Feb-99	Uranium 234	6700	6700	
SW-20	SMI	16-Jun-99	Uranium 234	6900	6900	
SW-20	SMI	11-Mar-99	Uranium 234	7400	7400	
SW-20	SMI	7-Aug-99	Uranium 234	7700	7700	
SW-20	SMI	14-Oct-98	Uranium 234	9900	9900	
SW-20	SMI	14-Oct-98	Uranium 234	11000	11000	
SW-20	SMI	3-Feb-00	Uranium 235	100	100	
PP02SW/PP02SD	ECOENV	1-Apr-98	Uranium 235	128	128	
SW-20	SMI	3-Feb-00	Uranium 235	130	130	
SW-20	SMI	8-Jan-00	Uranium 235	140	140	J
SW-20	SMI	18-May-99	Uranium 235	170	170	
SW-20	SMI	10-Nov-98	Uranium 235	220	220	
SW-20	SMI	10-Nov-98	Uranium 235	220	220	
SW-20	SMI	8-Dec-99	Uranium 235	240	240	
SW-20	SMI	12-Jan-99	Uranium 235	260	260	
SW-20	SMI	19-Apr-99	Uranium 235	260	260	
SW-20	SMI	16-Jun-99	Uranium 235	260	260	
SW-20	SMI	17-Feb-99	Uranium 235	270	270	
SW-20	SMI	7-Aug-99	Uranium 235	280	280	
SW-20	SMI	8-Dec-98	Uranium 235	290	290	
SW-20	SMI	8-Jan-00	Uranium 235	290	290	J
SW-20	SMI	11-Mar-99	Uranium 235	320	320	
SW-20	SMI	14-Oct-98	Uranium 235	420	420	
SW-20	SMI	14-Oct-98	Uranium 235	470	470	
PP01SW/PP01SD	ECOENV	1-Apr-98	Uranium 235	178	ND	U
SW-20	SMI	3-Feb-00	Uranium 238	2500	2500	
SW-20	SMI	3-Feb-00	Uranium 238	2600	2600	
SW-20	SMI	8-Jan-00	Uranium 238	2700	2700	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-20	SMI	8-Jan-00	Uranium 238	3700	3700	
SW-20	SMI	18-May-99	Uranium 238	4600	4600	
PP02SW/PP02SD	ECOENV	1-Apr-98	Uranium 238	5070	5070	
SW-20	SMI	12-Jan-99	Uranium 238	5800	5800	
SW-20	SMI	19-Apr-99	Uranium 238	5900	5900	
SW-20	SMI	10-Nov-98	Uranium 238	6200	6200	
SW-20	SMI	8-Dec-99	Uranium 238	6200	6200	
PP01SW/PP01SD	ECOENV	1-Apr-98	Uranium 238	6350	6350	
SW-20	SMI	10-Nov-98	Uranium 238	6400	6400	
SW-20	SMI	8-Dec-98	Uranium 238	6500	6500	J
SW-20	SMI	17-Feb-99	Uranium 238	6600	6600	
SW-20	SMI	16-Jun-99	Uranium 238	6800	6800	
SW-20	SMI	7-Aug-99	Uranium 238	7400	7400	
SW-20	SMI	11-Mar-99	Uranium 238	7500	7500	
SW-20	SMI	14-Oct-98	Uranium 238	10000	10000	
SW-20	SMI	14-Oct-98	Uranium 238	11000	11000	
Pit 3						
SW-39	SMI	29-Apr-98	Radium 226	18	18	
SW-39	SMI	21-Apr-99	Radium 226	23	23	
SW-39	SMI	17-May-99	Radium 226	24	24	
P303SW/P303SD	ECOENV	1-Apr-98	Radium 226	24.5	24.5	
SW-39	SMI	15-Jun-99	Radium 226	29	29	
SW-39	SMI	12-Dec-99	Radium 226	30	30	
SW-39	SMI	4-Feb-00	Radium 226	36	36	
P302SW/P302SD	ECOENV	1-Apr-98	Radium 226	39.6	39.6	
SW-39	SMI	10-Dec-98	Radium 226	45.6	45.6	
P301SW	ECOENV	1-Apr-98	Radium 226	58.5	58.5	
SW-39	SMI	14-Oct-98	Radium 226	59.2	59.2	
SW-39	SMI	14-Oct-98	Radium 226	63.2	63.2	
SW-39	SMI	14-Oct-98	Radium 226	67.2	67.2	
SW-39	SMI	14-Oct-98	Radium 226	71.3	71.3	
SW-39	SMI	4-Feb-00	Radium 228	2	2	J
SW-39	SMI	14-Oct-98	Radium 228	2.24	2.24	J
SW-39	SMI	17-May-99	Radium 228	2.4	2.4	
SW-39	SMI	10-Dec-98	Radium 228	2.83	2.83	
SW-39	SMI	14-Oct-98	Radium 228	3.1	3.1	
P303SW/P303SD	ECOENV	1-Apr-98	Radium 228	3.3	3.3	
SW-39	SMI	21-Apr-99	Radium 228	3.5	3.5	
SW-39	SMI	15-Nov-98	Radium 228	4.52	4.52	J
P302SW/P302SD	ECOENV	1-Apr-98	Radium 228	4.7	4.7	
P301SW	ECOENV	1-Apr-98	Radium 228	4.8	4.8	
SW-39	SMI	12-Dec-99	Radium 228	5.6	5.6	
SW-39	SMI	14-Oct-98	Radium 228	7	7	J
SW-39	SMI	15-Jun-99	Radium 228	2.8	ND	U
SW-39	SMI	14-Oct-98	Radium 228	2.6	ND	UJ
SW-39	SMI	12-Dec-99	Thorium 232	1	1	
P301SW	ECOENV	1-Apr-98	Thorium 232	46	46	
P303SW/P303SD	ECOENV	1-Apr-98	Thorium 232	47.2	47.2	
P302SW/P302SD	ECOENV	1-Apr-98	Thorium 232	2.8	ND	U

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
P301SW	ECOENV	1-Apr-98	Uranium 234	380	380	
SW-39	SMI	4-Feb-00	Uranium 234	680	680	
SW-39	SMI	21-Apr-99	Uranium 234	3900	3900	
P302SW/P302SD	ECOENV	1-Apr-98	Uranium 234	4810	4810	
SW-39	SMI	10-Dec-98	Uranium 234	5900	5900	J
SW-39	SMI	17-May-99	Uranium 234	5900	5900	
SW-39	SMI	15-Jun-99	Uranium 234	5900	5900	
SW-39	SMI	12-Dec-99	Uranium 234	6200	6200	
SW-39	SMI	14-Oct-98	Uranium 234	6400	6400	
P303SW/P303SD	ECOENV	1-Apr-98	Uranium 234	6610	6610	
SW-39	SMI	14-Oct-98	Uranium 234	6900	6900	
SW-39	SMI	14-Oct-98	Uranium 234	7400	7400	
SW-39	SMI	14-Oct-98	Uranium 234	8000	8000	
SW-39	SMI	15-Nov-98	Uranium 234	8100	8100	
SW-39	SMI	4-Feb-00	Uranium 235	18	18	
SW-39	SMI	21-Apr-99	Uranium 235	160	160	
SW-39	SMI	10-Dec-98	Uranium 235	200	200	
P303SW/P303SD	ECOENV	1-Apr-98	Uranium 235	216	216	
SW-39	SMI	17-May-99	Uranium 235	220	220	
SW-39	SMI	14-Oct-98	Uranium 235	230	230	
SW-39	SMI	15-Jun-99	Uranium 235	240	240	
SW-39	SMI	14-Oct-98	Uranium 235	250	250	
SW-39	SMI	12-Dec-99	Uranium 235	270	270	
SW-39	SMI	14-Oct-98	Uranium 235	280	280	
SW-39	SMI	14-Oct-98	Uranium 235	300	300	
SW-39	SMI	15-Nov-98	Uranium 235	330	330	
P302SW/P302SD	ECOENV	1-Apr-98	Uranium 235	895	895	
P301SW	ECOENV	1-Apr-98	Uranium 235	112	ND	U
SW-39	SMI	4-Feb-00	Uranium 238	670	670	
SW-39	SMI	21-Apr-99	Uranium 238	4000	4000	
P301SW	ECOENV	1-Apr-98	Uranium 238	4030	4030	
P302SW/P302SD	ECOENV	1-Apr-98	Uranium 238	5380	5380	
SW-39	SMI	15-Jun-99	Uranium 238	5700	5700	
SW-39	SMI	17-May-99	Uranium 238	5900	5900	
SW-39	SMI	12-Dec-99	Uranium 238	5900	5900	
P303SW/P303SD	ECOENV	1-Apr-98	Uranium 238	5980	5980	
SW-39	SMI	10-Dec-98	Uranium 238	6000	6000	J
SW-39	SMI	14-Oct-98	Uranium 238	6500	6500	
SW-39	SMI	14-Oct-98	Uranium 238	6900	6900	
SW-39	SMI	14-Oct-98	Uranium 238	7400	7400	
SW-39	SMI	14-Oct-98	Uranium 238	7500	7500	
SW-39	SMI	15-Nov-98	Uranium 238	8000	8000	
Pit 4						
SW-40	SMI	14-Oct-98	Radium 226	1.78	1.78	
SW-40	SMI	14-Oct-98	Radium 226	1.83	1.83	
SW-40	SMI	15-Nov-98	Radium 226	2.06	2.06	
P401SW/P401SD	ECOENV	1-Apr-98	Radium 226	2.6	2.6	
SW-40	SMI	29-Apr-98	Radium 226	3	3	
SW-40	SMI	10-Dec-98	Radium 226	3.23	3.23	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
P403SW/P403SD	ECOENV	1-Apr-98	Radium 226	3.5	3.5	
SW-40	SMI	15-Jun-99	Radium 226	3.7	3.7	
P402SW/P402SD	ECOENV	1-Apr-98	Radium 226	4.9	4.9	
SW-40	SMI	17-May-99	Radium 226	5.1	5.1	
SW-40	SMI	14-Jan-99	Radium 226	5.52	5.52	
SW-40	SMI	21-Apr-99	Radium 226	7.6	7.6	
SW-40	SMI	20-Feb-99	Radium 226	8.76	8.76	
SW-40	SMI	20-Feb-99	Radium 228	0.38	0.38	
SW-40	SMI	21-Apr-99	Radium 228	0.64	0.64	
SW-40	SMI	14-Oct-98	Radium 228	0.75	0.75	J
SW-40	SMI	10-Dec-98	Radium 228	0.97	0.97	
SW-40	SMI	15-Nov-98	Radium 228	1.44	1.44	
SW-40	SMI	17-May-99	Radium 228	2	2	
P401SW/P401SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
P402SW/P402SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
P403SW/P403SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
SW-40	SMI	14-Oct-98	Radium 228	3.3	ND	UJ
SW-40	SMI	15-Jun-99	Radium 228	2.1	ND	U
P401SW/P401SD	ECOENV	1-Apr-98	Thorium 232	1.6	1.6	
P402SW/P402SD	ECOENV	1-Apr-98	Thorium 232	3.8	3.8	
P403SW/P403SD	ECOENV	1-Apr-98	Thorium 232	0.3	ND	U
SW-40	SMI	21-Apr-99	Uranium 234	460	460	
P402SW/P402SD	ECOENV	1-Apr-98	Uranium 234	656	656	
P403SW/P403SD	ECOENV	1-Apr-98	Uranium 234	662	662	
P401SW/P401SD	ECOENV	1-Apr-98	Uranium 234	824	824	
SW-40	SMI	17-May-99	Uranium 234	870	870	
SW-40	SMI	15-Jun-99	Uranium 234	990	990	
SW-40	SMI	14-Oct-98	Uranium 234	1100	1100	
SW-40	SMI	20-Feb-99	Uranium 234	1100	1100	
SW-40	SMI	14-Oct-98	Uranium 234	1200	1200	
SW-40	SMI	15-Nov-98	Uranium 234	1300	1300	
SW-40	SMI	10-Dec-98	Uranium 234	1400	1400	J
SW-40	SMI	14-Jan-99	Uranium 234	1400	1400	
SW-40	SMI	21-Apr-99	Uranium 235	17	17	
SW-40	SMI	17-May-99	Uranium 235	26	26	
SW-40	SMI	14-Oct-98	Uranium 235	31	31	
SW-40	SMI	14-Oct-98	Uranium 235	35	35	
SW-40	SMI	15-Jun-99	Uranium 235	35	35	
SW-40	SMI	20-Feb-99	Uranium 235	36	36	
P403SW/P403SD	ECOENV	1-Apr-98	Uranium 235	36.9	36.9	
SW-40	SMI	10-Dec-98	Uranium 235	42	42	
P402SW/P402SD	ECOENV	1-Apr-98	Uranium 235	43.7	43.7	
SW-40	SMI	15-Nov-98	Uranium 235	47	47	
SW-40	SMI	14-Jan-99	Uranium 235	49	49	
P401SW/P401SD	ECOENV	1-Apr-98	Uranium 235	66	66	
SW-40	SMI	21-Apr-99	Uranium 238	440	440	
P402SW/P402SD	ECOENV	1-Apr-98	Uranium 238	570	570	
P403SW/P403SD	ECOENV	1-Apr-98	Uranium 238	586	586	
P401SW/P401SD	ECOENV	1-Apr-98	Uranium 238	720	720	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-40	SMI	17-May-99	Uranium 238	720	720	
SW-40	SMI	14-Oct-98	Uranium 238	860	860	
SW-40	SMI	15-Jun-99	Uranium 238	860	860	
SW-40	SMI	20-Feb-99	Uranium 238	910	910	
SW-40	SMI	14-Oct-98	Uranium 238	950	950	
SW-40	SMI	15-Nov-98	Uranium 238	1000	1000	
SW-40	SMI	10-Dec-98	Uranium 238	1100	1100	J
SW-40	SMI	14-Jan-99	Uranium 238	1100	1100	
Upper Blue Creek						
SW-4	SMI	15-Oct-98	Radium 226	0.04	0.04	
SW-4	SMI	9-Dec-98	Radium 226	0.08	0.08	
SW-4	SMI	15-Oct-98	Radium 226	0.13	0.13	
SW-4	SMI	13-Jan-99	Radium 226	0.17	0.17	
BC10SW/BC10SD	URS	30-Sep-99	Radium 226	0.18	0.18	J
SW-4	SMI	14-Jun-99	Radium 226	0.27	0.27	
SW-4	SMI	16-May-99	Radium 226	0.28	0.28	
SW-4	SMI	18-Feb-99	Radium 226	0.31	0.31	
SW-4	SMI	27-Apr-98	Radium 226	0.5	0.5	
BC10SW/BC10SD	URS	5-Apr-00	Radium 226	0.604	0.604	
SW-4	SMI	21-Apr-99	Radium 226	0.67	0.67	
SW-4	SMI	12-Mar-99	Radium 226	0.76	0.76	
SW-4	SMI	12-Nov-98	Radium 226	0.8	0.8	
SW-4	SMI	13-Jan-99	Radium 226	1.3	1.3	
BC10SW/BC10SD	ECOENV	1-Apr-98	Radium 226	0.6	ND	U
SW-4	SMI	12-Mar-99	Radium 228	0.22	0.22	
SW-4	SMI	9-Dec-98	Radium 228	0.55	0.55	
BC10SW/BC10SD	URS	5-Apr-00	Radium 228	0.704	0.704	
SW-4	SMI	15-Oct-98	Radium 228	0.82	0.82	
SW-4	SMI	16-May-99	Radium 228	0.85	0.85	
SW-4	SMI	13-Jan-99	Radium 228	0.89	0.89	
SW-4	SMI	21-Apr-99	Radium 228	1.4	1.4	
SW-4	SMI	13-Jan-99	Radium 228	1.9	1.9	
BC10SW/BC10SD	ECOENV	1-Apr-98	Radium 228	2.5	2.5	
SW-4	SMI	12-Nov-98	Radium 228	5.16	5.16	J
BC10SW/BC10SD	URS	30-Sep-99	Radium 228	0.0335	ND	U
SW-4	SMI	15-Oct-98	Radium 228	0.84	ND	UJ
SW-4	SMI	14-Jun-99	Radium 228	2.4	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Thorium 232	0.062	0.062	
BC10SW/BC10SD	URS	5-Apr-00	Thorium 232	0.225	0.225	
BC10SW/BC10SD	ECOENV	1-Apr-98	Thorium 232	0.4	ND	U
BC10SW/BC10SD	ECOENV	1-Apr-98	Uranium 234	0.7	0.7	
BC10SW/BC10SD	URS	30-Sep-99	Uranium 234	0.856	0.856	
SW-4	SMI	14-Jun-99	Uranium 234	0.95	0.95	
SW-4	SMI	12-Nov-98	Uranium 234	0.97	0.97	
SW-4	SMI	13-Jan-99	Uranium 234	1	1	
SW-4	SMI	13-Jan-99	Uranium 234	1.4	1.4	
BC10SW/BC10SD	URS	5-Apr-00	Uranium 234	1.65	1.65	
SW-4	SMI	18-Feb-99	Uranium 234	1.7	1.7	
SW-4	SMI	16-May-99	Uranium 234	1.8	1.8	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-4	SMI	21-Apr-99	Uranium 234	2.9	2.9	
SW-4	SMI	12-Mar-99	Uranium 234	8.3	8.3	
SW-4	SMI	15-Oct-98	Uranium 234	22	22	J
SW-4	SMI	9-Dec-98	Uranium 234	26	26	J
SW-4	SMI	15-Oct-98	Uranium 234	48	48	J
BC10SW/BC10SD	URS	30-Sep-99	Uranium 235	0.0412	0.0412	
BC10SW/BC10SD	URS	5-Apr-00	Uranium 235	0.0432	0.0432	
SW-4	SMI	12-Nov-98	Uranium 235	0.08	0.08	
SW-4	SMI	13-Jan-99	Uranium 235	0.12	0.12	
SW-4	SMI	16-May-99	Uranium 235	0.14	0.14	
SW-4	SMI	18-Feb-99	Uranium 235	0.23	0.23	
SW-4	SMI	12-Mar-99	Uranium 235	0.23	0.23	
SW-4	SMI	14-Jun-99	Uranium 235	0.48	0.48	
SW-4	SMI	9-Dec-98	Uranium 235	2	2	
SW-4	SMI	15-Oct-98	Uranium 235	9.6	9.6	J
SW-4	SMI	15-Oct-98	Uranium 235	14	14	J
BC10SW/BC10SD	ECOENV	1-Apr-98	Uranium 235	0.2	ND	U
BC10SW/BC10SD	URS	30-Sep-99	Uranium 238	0.752	0.752	
BC10SW/BC10SD	ECOENV	1-Apr-98	Uranium 238	0.9	0.9	
SW-4	SMI	18-Feb-99	Uranium 238	0.92	0.92	
SW-4	SMI	12-Nov-98	Uranium 238	0.97	0.97	
BC10SW/BC10SD	URS	5-Apr-00	Uranium 238	1.12	1.12	
SW-4	SMI	21-Apr-99	Uranium 238	1.3	1.3	
SW-4	SMI	16-May-99	Uranium 238	1.6	1.6	
SW-4	SMI	14-Jun-99	Uranium 238	1.9	1.9	
SW-4	SMI	15-Oct-98	Uranium 238	4.2	4.2	J
SW-4	SMI	12-Mar-99	Uranium 238	7.3	7.3	
SW-4	SMI	15-Oct-98	Uranium 238	11	11	J
SW-4	SMI	9-Dec-98	Uranium 238	23	23	J
SW-4	SMI	13-Jan-99	Uranium 238	1	ND	U
SW-4	SMI	13-Jan-99	Uranium 238	1	ND	U
Upper Eastern Drainage						
SW-02/SDED-6	SMI	19-Feb-99	Radium 226	0.36	0.36	
SW-02/SDED-6	SMI	12-Mar-99	Radium 226	0.4	0.4	
SWED-02/SDED-04	URS	5-Apr-00	Radium 226	0.465	0.465	
SWED-02/SDED-04	URS	9-Mar-00	Radium 226	0.476	0.476	
SWED-02/SDED-04	URS	9-Mar-00	Radium 226	0.478	0.478	
SW-11	SMI	12-Mar-99	Radium 226	0.5	0.5	
SW-02/SDED-6	SMI	13-Jan-99	Radium 226	0.53	0.53	
SW-11	SMI	13-Jan-99	Radium 226	0.54	0.54	
SWED-01/SDED-03	URS	6-Apr-00	Radium 226	0.561	0.561	
SW-11	SMI	9-Dec-98	Radium 226	0.57	0.57	
ED04-SD/ED-2A	URS	6-Apr-00	Radium 226	0.572	0.572	
SW-11	SMI	18-Feb-99	Radium 226	0.58	0.58	
SWED-02/SDED-04	URS	10-Sep-99	Radium 226	0.634	0.634	
SW-02/SDED-6	URS	6-Apr-00	Radium 226	0.636	0.636	
SW-02/SDED-6	SMI	9-Dec-98	Radium 226	0.8	0.8	
SW-11	SMI	27-Apr-98	Radium 226	0.8	0.8	
SW-02/SDED-6	SMI	12-Nov-98	Radium 226	0.83	0.83	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-02/SDED-6	SMI	30-Apr-98	Radium 226	0.9	0.9	
ED04-SD/ED-2A	URS	9-Mar-00	Radium 226	0.962	0.962	
SW-02/SDED-6	SMI	16-May-99	Radium 226	0.99	0.99	
ED04-SD/ED-2A	URS	25-Sep-99	Radium 226	0.994	0.994	
ED03SW/ED03SD	ECOENV	1-Apr-98	Radium 226	1	1	
ED05SW/ED05SD	ECOENV	1-Apr-98	Radium 226	1	1	
SW-02/SDED-6	SMI	16-May-99	Radium 226	1.1	1.1	
SW-11	SMI	16-May-99	Radium 226	1.1	1.1	
ED-4A/SDED-02	URS	10-Sep-99	Radium 226	1.11	1.11	
SW-02/SDED-6	URS	26-Sep-99	Radium 226	1.18	1.18	
ED04SW/ED04SD	ECOENV	1-Apr-98	Radium 226	1.2	1.2	
SW-02/SDED-6	SMI	16-Oct-98	Radium 226	1.25	1.25	
SWED-01/SDED-03	URS	10-Sep-99	Radium 226	1.34	1.34	
SW-02/SDED-6	SMI	16-Oct-98	Radium 226	1.4	1.4	
SW-02/SDED-6	SMI	20-Apr-99	Radium 226	1.4	1.4	
SW-02/SDED-6	SMI	14-Jun-99	Radium 226	1.4	1.4	
SW-11	SMI	20-Apr-99	Radium 226	1.4	1.4	
SW-11	SMI	14-Jun-99	Radium 226	1.4	1.4	
SW-11	SMI	12-Nov-98	Radium 226	1.51	1.51	
SW-11	SMI	16-Oct-98	Radium 226	1.99	1.99	
SW-11	SMI	16-Oct-98	Radium 226	2.03	2.03	
ED-4A/SDED-02	URS	6-Apr-00	Radium 226	2.11	2.11	
SW-02/SDED-6	SMI	16-May-99	Radium 228	0.14	0.14	
SW-11	SMI	9-Dec-98	Radium 228	0.5	0.5	
SWED-02/SDED-04	URS	5-Apr-00	Radium 228	0.732	0.732	
SW-02/SDED-6	URS	26-Sep-99	Radium 228	0.757	0.757	
ED04-SD/ED-2A	URS	6-Apr-00	Radium 228	0.765	0.765	
SW-11	SMI	16-May-99	Radium 228	0.77	0.77	
SW-02/SDED-6	SMI	12-Mar-99	Radium 228	0.83	0.83	
SW-02/SDED-6	SMI	9-Dec-98	Radium 228	0.89	0.89	
SW-02/SDED-6	SMI	12-Nov-98	Radium 228	0.95	0.95	
SW-11	SMI	13-Jan-99	Radium 228	0.98	0.98	
SW-02/SDED-6	SMI	20-Apr-99	Radium 228	1.1	1.1	
SW-11	SMI	16-Oct-98	Radium 228	1.11	1.11	
SW-02/SDED-6	SMI	19-Feb-99	Radium 228	1.4	1.4	
SW-02/SDED-6	SMI	13-Jan-99	Radium 228	1.42	1.42	
SW-11	SMI	12-Mar-99	Radium 228	2.1	2.1	
SW-11	SMI	20-Apr-99	Radium 228	2.2	2.2	
SW-02/SDED-6	SMI	16-Oct-98	Radium 228	2.76	2.76	
SW-11	SMI	12-Nov-98	Radium 228	2.86	2.86	
SW-11	SMI	18-Feb-99	Radium 228	4.2	4.2	
ED03SW/ED03SD	ECOENV	1-Apr-98	Radium 228	2	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Radium 228	0.368	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Radium 228	0.062	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Radium 228	1.9	ND	U
ED-4A/SDED-02	URS	10-Sep-99	Radium 228	0.454	ND	U
ED-4A/SDED-02	URS	6-Apr-00	Radium 228	0.515	ND	U
SW-02/SDED-6	SMI	16-Oct-98	Radium 228	1.5	ND	UJ

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-02/SDED-6	SMI	14-Jun-99	Radium 228	2.2	ND	U
SW-02/SDED-6	URS	6-Apr-00	Radium 228	0.391	ND	U
SW-11	SMI	16-Oct-98	Radium 228	0.93	ND	UJ
SW-11	SMI	14-Jun-99	Radium 228	2.6	ND	U
SWED-01/SDED-03	URS	10-Sep-99	Radium 228	0.415	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Radium 228	0.626	ND	U
SWED-02/SDED-04	URS	10-Sep-99	Radium 228	0.369	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Radium 228	0.473	ND	U
SWED-02/SDED-04	URS	9-Mar-00	Radium 228	0.184	ND	U
SW-02/SDED-6	URS	26-Sep-99	Thorium 232	0.0241	0.0241	
SW-02/SDED-6	URS	6-Apr-00	Thorium 232	0.0367	0.0367	J
SWED-01/SDED-03	URS	10-Sep-99	Thorium 232	0.0588	0.0588	
ED-4A/SDED-02	URS	10-Sep-99	Thorium 232	0.0649	0.0649	
SWED-02/SDED-04	URS	9-Mar-00	Thorium 232	0.126	0.126	
ED-4A/SDED-02	URS	6-Apr-00	Thorium 232	0.134	0.134	J
ED03SW/ED03SD	ECOENV	1-Apr-98	Thorium 232	0.3	ND	U
ED04-SD/ED-2A	URS	25-Sep-99	Thorium 232	-0.00138	ND	U
ED04-SD/ED-2A	URS	9-Mar-00	Thorium 232	0.0576	ND	U
ED04-SD/ED-2A	URS	6-Apr-00	Thorium 232	0.0168	ND	UJ
ED04SW/ED04SD	ECOENV	1-Apr-98	Thorium 232	0.2	ND	U
ED05SW/ED05SD	ECOENV	1-Apr-98	Thorium 232	4.2	ND	U
SWED-01/SDED-03	URS	6-Apr-00	Thorium 232	0.0115	ND	UJ
SWED-02/SDED-04	URS	10-Sep-99	Thorium 232	-0.00482	ND	U
SWED-02/SDED-04	URS	5-Apr-00	Thorium 232	0.0294	ND	UJ
SWED-02/SDED-04	URS	9-Mar-00	Thorium 232	0.0571	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Uranium 234	7.2	7.2	
SW-02/SDED-6	SMI	12-Nov-98	Uranium 234	9.2	9.2	
SW-11	SMI	12-Nov-98	Uranium 234	9.3	9.3	
SW-02/SDED-6	SMI	20-Apr-99	Uranium 234	11	11	
SW-11	SMI	14-Jun-99	Uranium 234	11	11	
ED-4A/SDED-02	URS	10-Sep-99	Uranium 234	11.2	11.2	
ED03SW/ED03SD	ECOENV	1-Apr-98	Uranium 234	11.5	11.5	
ED05SW/ED05SD	ECOENV	1-Apr-98	Uranium 234	11.7	11.7	
SWED-01/SDED-03	URS	10-Sep-99	Uranium 234	11.7	11.7	
SW-11	SMI	20-Apr-99	Uranium 234	12	12	
SWED-02/SDED-04	URS	10-Sep-99	Uranium 234	12.2	12.2	
SW-02/SDED-6	SMI	14-Jun-99	Uranium 234	13	13	
SW-02/SDED-6	SMI	16-May-99	Uranium 234	13	13	
ED04-SD/ED-2A	URS	25-Sep-99	Uranium 234	14.3	14.3	
SW-11	SMI	16-May-99	Uranium 234	15	15	
SW-02/SDED-6	SMI	16-May-99	Uranium 234	16	16	
SW-02/SDED-6	URS	26-Sep-99	Uranium 234	16.1	16.1	
SWED-01/SDED-03	URS	6-Apr-00	Uranium 234	20.7	20.7	
SW-11	SMI	16-Oct-98	Uranium 234	24	24	
SW-11	SMI	12-Mar-99	Uranium 234	24	24	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 234	24.9	24.9	
ED-4A/SDED-02	URS	6-Apr-00	Uranium 234	25.1	25.1	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 234	25.8	25.8	
SW-02/SDED-6	URS	6-Apr-00	Uranium 234	26.2	26.2	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
ED04-SD/ED-2A	URS	6-Apr-00	Uranium 234	27.4	27.4	
ED04-SD/ED-2A	URS	9-Mar-00	Uranium 234	28.1	28.1	
SW-02/SDED-6	SMI	19-Feb-99	Uranium 234	29	29	
SWED-02/SDED-04	URS	5-Apr-00	Uranium 234	29	29	
SW-11	SMI	16-Oct-98	Uranium 234	31	31	
SW-11	SMI	18-Feb-99	Uranium 234	31	31	
SW-02/SDED-6	SMI	12-Mar-99	Uranium 234	32	32	
SW-11	SMI	13-Jan-99	Uranium 234	32	32	
SW-11	SMI	9-Dec-98	Uranium 234	48	48	J
SW-02/SDED-6	SMI	13-Jan-99	Uranium 234	50	50	
SW-02/SDED-6	SMI	16-Oct-98	Uranium 234	56	56	J
SW-02/SDED-6	SMI	9-Dec-98	Uranium 234	64	64	J
SW-02/SDED-6	SMI	16-Oct-98	Uranium 234	11	ND	UJ
ED03SW/ED03SD	ECOENV	1-Apr-98	Uranium 235	0.2	0.2	
SW-02/SDED-6	SMI	12-Nov-98	Uranium 235	0.23	0.23	
ED04SW/ED04SD	ECOENV	1-Apr-98	Uranium 235	0.3	0.3	
SW-11	SMI	14-Jun-99	Uranium 235	0.41	0.41	
SW-02/SDED-6	SMI	16-May-99	Uranium 235	0.43	0.43	
ED-4A/SDED-02	URS	10-Sep-99	Uranium 235	0.517	0.517	J
SW-11	SMI	13-Jan-99	Uranium 235	0.55	0.55	
SW-11	SMI	12-Nov-98	Uranium 235	0.59	0.59	
SWED-01/SDED-03	URS	10-Sep-99	Uranium 235	0.6	0.6	J
SW-11	SMI	20-Apr-99	Uranium 235	0.61	0.61	
ED04-SD/ED-2A	URS	25-Sep-99	Uranium 235	0.64	0.64	
SW-02/SDED-6	URS	26-Sep-99	Uranium 235	0.756	0.756	
SWED-02/SDED-04	URS	10-Sep-99	Uranium 235	0.761	0.761	J
ED05SW/ED05SD	ECOENV	1-Apr-98	Uranium 235	0.8	0.8	
SW-02/SDED-6	SMI	12-Mar-99	Uranium 235	0.83	0.83	
SW-02/SDED-6	SMI	16-May-99	Uranium 235	0.83	0.83	
SWED-01/SDED-03	URS	6-Apr-00	Uranium 235	0.961	0.961	
SW-11	SMI	16-May-99	Uranium 235	1	1	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 235	1	1	
SW-11	SMI	18-Feb-99	Uranium 235	1.1	1.1	
SWED-02/SDED-04	URS	5-Apr-00	Uranium 235	1.1	1.1	
SW-11	SMI	12-Mar-99	Uranium 235	1.2	1.2	
ED04-SD/ED-2A	URS	6-Apr-00	Uranium 235	1.27	1.27	
SW-02/SDED-6	SMI	19-Feb-99	Uranium 235	1.4	1.4	
ED-4A/SDED-02	URS	6-Apr-00	Uranium 235	1.41	1.41	
SW-02/SDED-6	URS	6-Apr-00	Uranium 235	1.51	1.51	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 235	1.54	1.54	
SW-02/SDED-6	SMI	13-Jan-99	Uranium 235	1.6	1.6	
ED04-SD/ED-2A	URS	9-Mar-00	Uranium 235	1.9	1.9	
SW-02/SDED-6	SMI	9-Dec-98	Uranium 235	2.2	2.2	
SW-11	SMI	9-Dec-98	Uranium 235	2.5	2.5	
SW-11	SMI	16-Oct-98	Uranium 235	5.8	5.8	
SW-02/SDED-6	SMI	16-Oct-98	Uranium 235	22	22	J
SW-02/SDED-6	SMI	16-Oct-98	Uranium 235	0.23	ND	UJ
SW-11	SMI	16-Oct-98	Uranium 235	1.2	ND	U
ED04SW/ED04SD	ECOENV	1-Apr-98	Uranium 238	6.5	6.5	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
SW-02/SDED-6	SMI	12-Nov-98	Uranium 238	7.4	7.4	
SW-11	SMI	12-Nov-98	Uranium 238	8.7	8.7	
SW-11	SMI	20-Apr-99	Uranium 238	10	10	
ED-4A/SDED-02	URS	10-Sep-99	Uranium 238	10.5	10.5	
SW-02/SDED-6	SMI	16-Oct-98	Uranium 238	11	11	J
SW-02/SDED-6	SMI	14-Jun-99	Uranium 238	11	11	
SWED-01/SDED-03	URS	10-Sep-99	Uranium 238	11	11	
ED03SW/ED03SD	ECOENV	1-Apr-98	Uranium 238	11.2	11.2	
ED05SW/ED05SD	ECOENV	1-Apr-98	Uranium 238	11.2	11.2	
SWED-02/SDED-04	URS	10-Sep-99	Uranium 238	11.3	11.3	
SW-02/SDED-6	SMI	16-May-99	Uranium 238	12	12	
ED04-SD/ED-2A	URS	25-Sep-99	Uranium 238	13	13	
SW-02/SDED-6	SMI	20-Apr-99	Uranium 238	13	13	
SW-02/SDED-6	SMI	16-May-99	Uranium 238	14	14	
SW-11	SMI	16-May-99	Uranium 238	14	14	
SW-11	SMI	14-Jun-99	Uranium 238	14	14	
SW-02/SDED-6	URS	26-Sep-99	Uranium 238	15.6	15.6	
SWED-01/SDED-03	URS	6-Apr-00	Uranium 238	18	18	
SW-11	SMI	16-Oct-98	Uranium 238	22	22	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 238	23.6	23.6	
ED-4A/SDED-02	URS	6-Apr-00	Uranium 238	24.5	24.5	
SW-02/SDED-6	URS	6-Apr-00	Uranium 238	24.6	24.6	
SW-11	SMI	12-Mar-99	Uranium 238	25	25	
ED04-SD/ED-2A	URS	6-Apr-00	Uranium 238	25.8	25.8	
SWED-02/SDED-04	URS	9-Mar-00	Uranium 238	25.8	25.8	
SW-02/SDED-6	SMI	19-Feb-99	Uranium 238	26	26	
SW-11	SMI	16-Oct-98	Uranium 238	26	26	
SW-11	SMI	18-Feb-99	Uranium 238	26	26	
ED04-SD/ED-2A	URS	9-Mar-00	Uranium 238	26.9	26.9	
SW-02/SDED-6	SMI	16-Oct-98	Uranium 238	27	27	J
SWED-02/SDED-04	URS	5-Apr-00	Uranium 238	27.1	27.1	
SW-11	SMI	13-Jan-99	Uranium 238	29	29	
SW-02/SDED-6	SMI	12-Mar-99	Uranium 238	33	33	
SW-02/SDED-6	SMI	13-Jan-99	Uranium 238	42	42	
SW-11	SMI	9-Dec-98	Uranium 238	43	43	J
SW-02/SDED-6	SMI	9-Dec-98	Uranium 238	58	58	J
Western Drainage						
WDAC/SDWD-03	SMI	27-Apr-98	Radium 226	0.2	0.2	
WDAC/SDWD-03	SMI	20-Apr-99	Radium 226	0.31	0.31	
WDAC/SDWD-03	SMI	17-May-99	Radium 226	0.31	0.31	
WDAC/SDWD-03	SMI	17-Feb-99	Radium 226	0.43	0.43	
WDAC/SDWD-03	SMI	6-Aug-99	Radium 226	0.55	0.55	
WDAC/SDWD-03	SMI	11-Dec-99	Radium 226	0.6	0.6	
WDAC/SDWD-03	SMI	5-Feb-00	Radium 226	0.6	0.6	
WDAC/SDWD-03	SMI	15-Jun-99	Radium 226	0.61	0.61	
WDAC/SDWD-03	SMI	9-Dec-98	Radium 226	0.78	0.78	
WDAC/SDWD-03	SMI	12-Jan-99	Radium 226	0.8	0.8	
WDAC/SDWD-03	SMI	6-Jan-00	Radium 226	0.8	0.8	
WDAC/SDWD-03	SMI	9-Dec-98	Radium 226	0.9	0.9	

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
WDAC/SDWD-03	SMI	16-Oct-98	Radium 226	0.99	0.99	
WDAC/SDWD-03	URS	12-Sep-99	Radium 226	1.02	1.02	
WDAC/SDWD-03	URS	8-Apr-00	Radium 226	1.33	1.33	
WDAC/SDWD-03	SMI	16-Oct-98	Radium 226	1.34	1.34	
WDAC/SDWD-03	SMI	12-Nov-98	Radium 226	2.35	2.35	
WDAC/SDWD-03	SMI	12-Mar-99	Radium 226	2.52	2.52	
WDAC/SDWD-03	SMI	6-Jan-00	Radium 228	0.4	0.4	
WDAC/SDWD-03	SMI	12-Mar-99	Radium 228	0.58	0.58	
WDAC/SDWD-03	SMI	12-Jan-99	Radium 228	0.66	0.66	
WDAC/SDWD-03	SMI	6-Aug-99	Radium 228	0.87	0.87	
WDAC/SDWD-03	URS	8-Apr-00	Radium 228	0.875	0.875	
WDAC/SDWD-03	SMI	17-Feb-99	Radium 228	0.9	0.9	
WDAC/SDWD-03	SMI	5-Feb-00	Radium 228	1	1	J
WDAC/SDWD-03	SMI	16-Oct-98	Radium 228	1.19	1.19	
WDAC/SDWD-03	SMI	17-May-99	Radium 228	1.3	1.3	
WDAC/SDWD-03	SMI	9-Dec-98	Radium 228	2.5	2.5	
WDAC/SDWD-03	SMI	11-Dec-99	Radium 228	2.7	2.7	
WDAC/SDWD-03	SMI	20-Apr-99	Radium 228	2.8	2.8	
WDAC/SDWD-03	SMI	12-Nov-98	Radium 228	2.81	2.81	
WDAC/SDWD-03	SMI	16-Oct-98	Radium 228	0.85	ND	UJ
WDAC/SDWD-03	SMI	15-Jun-99	Radium 228	1.6	ND	U
WDAC/SDWD-03	URS	12-Sep-99	Radium 228	0.4	ND	U
WDAC/SDWD-03	SMI	11-Dec-99	Thorium 232	0.02	0.02	
WDAC/SDWD-03	URS	8-Apr-00	Thorium 232	0.225	0.225	
WDAC/SDWD-03	URS	12-Sep-99	Thorium 232	0.0328	ND	U
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 234	2.5	2.5	J
WDAC/SDWD-03	SMI	20-Apr-99	Uranium 234	4.7	4.7	
WDAC/SDWD-03	SMI	17-May-99	Uranium 234	9.6	9.6	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 234	10	10	J
WDAC/SDWD-03	SMI	15-Jun-99	Uranium 234	14	14	
WDAC/SDWD-03	SMI	17-Feb-99	Uranium 234	16	16	
WDAC/SDWD-03	SMI	6-Jan-00	Uranium 234	20	20	
WDAC/SDWD-03	SMI	12-Nov-98	Uranium 234	22	22	
WDAC/SDWD-03	SMI	11-Dec-99	Uranium 234	22	22	
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 234	22	22	J
WDAC/SDWD-03	SMI	12-Jan-99	Uranium 234	27	27	
WDAC/SDWD-03	SMI	6-Aug-99	Uranium 234	28	28	
WDAC/SDWD-03	SMI	12-Mar-99	Uranium 234	31	31	
WDAC/SDWD-03	URS	8-Apr-00	Uranium 234	35.2	35.2	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 234	38	38	J
WDAC/SDWD-03	URS	12-Sep-99	Uranium 234	38.1	38.1	
WDAC/SDWD-03	SMI	5-Feb-00	Uranium 234	5.3	ND	U
WDAC/SDWD-03	SMI	5-Feb-00	Uranium 235	0.12	0.12	
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 235	0.2	0.2	
WDAC/SDWD-03	SMI	17-May-99	Uranium 235	0.22	0.22	
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 235	0.42	0.42	
WDAC/SDWD-03	SMI	12-Jan-99	Uranium 235	0.57	0.57	
WDAC/SDWD-03	SMI	12-Mar-99	Uranium 235	0.65	0.65	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 235	0.67	0.67	J

Table A-5
SURFACE WATER DATA - RADIONUCLIDES

Location Cross-Reference	Consultant Code	Sample Date	Parameter Name	Result (pCi/l)	Detected Results (pCi/l)	Data Qualifier
WDAC/SDWD-03	SMI	17-Feb-99	Uranium 235	0.74	0.74	
WDAC/SDWD-03	SMI	11-Dec-99	Uranium 235	0.9	0.9	
WDAC/SDWD-03	SMI	12-Nov-98	Uranium 235	1.1	1.1	
WDAC/SDWD-03	URS	12-Sep-99	Uranium 235	1.66	1.66	J
WDAC/SDWD-03	SMI	6-Aug-99	Uranium 235	1.8	1.8	
WDAC/SDWD-03	URS	8-Apr-00	Uranium 235	2.07	2.07	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 235	18	18	J
WDAC/SDWD-03	SMI	6-Jan-00	Uranium 235	1.3	ND	UJ
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 238	1.6	1.6	J
WDAC/SDWD-03	SMI	15-Jun-99	Uranium 238	8.1	8.1	
WDAC/SDWD-03	SMI	17-May-99	Uranium 238	8.4	8.4	
WDAC/SDWD-03	SMI	20-Apr-99	Uranium 238	8.7	8.7	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 238	9.1	9.1	J
WDAC/SDWD-03	SMI	17-Feb-99	Uranium 238	14	14	
WDAC/SDWD-03	SMI	6-Jan-00	Uranium 238	19	19	
WDAC/SDWD-03	SMI	9-Dec-98	Uranium 238	21	21	J
WDAC/SDWD-03	SMI	12-Mar-99	Uranium 238	22	22	
WDAC/SDWD-03	SMI	12-Nov-98	Uranium 238	23	23	
WDAC/SDWD-03	SMI	16-Oct-98	Uranium 238	24	24	J
WDAC/SDWD-03	SMI	12-Jan-99	Uranium 238	25	25	
WDAC/SDWD-03	SMI	6-Aug-99	Uranium 238	25	25	
WDAC/SDWD-03	SMI	11-Dec-99	Uranium 238	27	27	
WDAC/SDWD-03	URS	8-Apr-00	Uranium 238	32.4	32.4	
WDAC/SDWD-03	URS	12-Sep-99	Uranium 238	34.4	34.4	
WDAC/SDWD-03	SMI	5-Feb-00	Uranium 238	6.1	ND	U