APPENDIX B, Mine Water Quality Sample Results for 2011

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Acidity as CaCO3	1/23/2011	10	mg/L	11-1075	
East Sump	Acidity as CaCO3	2/10/2011	< 10	mg/L	11-1124	
East Sump	Acidity as CaCO3	3/20/2011	< 10	mg/L	11-1283	
East Sump	Acidity as CaCO3	4/22/2011	< 10	mg/L	02_040111_01	Undetected
East Sump	Acidity as CaCO3	5/13/2011	< 10	mg/L	02_050111_01	Undetected
East Sump	Acidity as CaCO3	6/3/2011	< 10	mg/L	02_060111_01	Undetected
East Sump	Acidity as CaCO3	7/15/2011	< 10	mg/L	02_070111_01	Undetected
East Sump	Acidity as CaCO3	8/8/2011	< 10	mg/L	02_080111_01	Undetected
East Sump	Acidity as CaCO3	9/20/2011	< 10	mg/L	02_090111_01	Undetected
East Sump	Acidity as CaCO3	10/23/2011	< 10	mg/L	02_100111_01	Undetected
East Sump	Acidity as CaCO3	11/17/2011	< 10	mg/L	02_110111_01	Undetected
East Sump	Acidity as CaCO3	12/26/2011	< 10	mg/L	02_120111_01	Undetected
East Sump	Aluminum, dissolved	1/23/2011	0.4	mg/L	11-1075	
East Sump	Aluminum, dissolved	2/10/2011	0.033	mg/L	11-1124	
East Sump	Aluminum, dissolved	3/20/2011	< 0.005	mg/L	11-1283	
East Sump	Aluminum, dissolved	4/22/2011	< 0.2	mg/L	02_040111_01	Undetected
East Sump	Aluminum, dissolved	5/13/2011	< 0.03	mg/L	02_050111_01	Undetected
East Sump	Aluminum, dissolved	6/3/2011	< 0.03	mg/L	02_060111_01	Undetected
East Sump	Aluminum, dissolved	7/15/2011	< 0.03	mg/L	02_070111_01	Undetected
East Sump	Aluminum, dissolved	8/8/2011	0.05	mg/L	02_080111_01	Analyte detected between MDL and ML
East Sump	Aluminum, dissolved	9/20/2011	< 0.03	mg/L	02_090111_01	Undetected
East Sump	Aluminum, dissolved	10/23/2011	< 0.06	mg/L	02_100111_01	Undetected
East Sump	Aluminum, dissolved	11/17/2011	< 0.06	mg/L	02_110111_01	Undetected
East Sump	Aluminum, dissolved	12/26/2011	< 0.03	mg/L	02_120111_01	Undetected
East Sump	Ammonia (As N)	1/23/2011	0.5	mg/L	11-1075	
East Sump	Ammonia (As N)	2/10/2011	0.9	mg/L	11-1124	
East Sump	Ammonia (As N)	3/20/2011	0.7	mg/L	11-1283	
East Sump	Ammonia (As N)	4/22/2011	0.8	mg/L	02_040111_01	
East Sump	Ammonia (As N)	5/13/2011	0.2	mg/L	02_050111_01	Analyte detected between MDL and ML
East Sump	Ammonia (As N)	6/3/2011	0.1	mg/L	02_060111_01	Analyte detected between

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
						MDL and ML
East Sump	Ammonia (As N)	7/15/2011	< 0.1	mg/L	02_070111_01	Undetected
East Sump	Ammonia (As N)	8/8/2011	< 0.1	mg/L	02_080111_01	Undetected
East Sump	Ammonia (As N)	9/20/2011	< 0.1	mg/L	02_090111_01	Undetected
East Sump	Ammonia (As N)	10/23/2011	0.2	mg/L	02_100111_01	Analyte detected between MDL and ML
East Sump	Ammonia (As N)	11/17/2011	0.4	mg/L	02_110111_01	Analyte detected between MDL and ML
East Sump	Ammonia (As N)	12/26/2011	0.2	mg/L	02_120111_01	Analyte detected between MDL and ML
East Sump	Cadmium, dissolved	1/23/2011	0.0337	mg/L	11-1075	
East Sump	Cadmium, dissolved	2/10/2011	0.0281	mg/L	11-1124	
East Sump	Cadmium, dissolved	3/20/2011	0.0136	mg/L	11-1283	
East Sump	Cadmium, dissolved	4/22/2011	< 0.03	mg/L	02_040111_01	Undetected
East Sump	Cadmium, dissolved	5/13/2011	0.011	mg/L	02_050111_01	Analyte detected between MDL and ML
East Sump	Cadmium, dissolved	6/3/2011	0.0043	mg/L	02_060111_01	
East Sump	Cadmium, dissolved	7/15/2011	0.0032	mg/L	02_070111_01	
East Sump	Cadmium, dissolved	8/8/2011	0.0024	mg/L	02_080111_01	
East Sump	Cadmium, dissolved	9/20/2011	0.004	mg/L	02_090111_01	Analyte detected between MDL and ML
East Sump	Cadmium, dissolved	10/23/2011	0.0070	mg/L	02_100111_01	
East Sump	Cadmium, dissolved	11/17/2011	0.0043	mg/L	02_110111_01	
East Sump	Cadmium, dissolved	12/26/2011	0.0230	mg/L	02_120111_01	
East Sump	Calcium, dissolved	1/23/2011	431	mg/L	11-1075	
East Sump	Calcium, dissolved	2/10/2011	472	mg/L	11-1124	
East Sump	Calcium, dissolved	3/20/2011	464	mg/L	11-1283	
East Sump	Calcium, dissolved	4/22/2011	411	mg/L	02_040111_01	
East Sump	Calcium, dissolved	5/13/2011	399	mg/L	02_050111_01	
East Sump	Calcium, dissolved	6/3/2011	503	mg/L	02_060111_01	
East Sump	Calcium, dissolved	7/15/2011	613	mg/L	02_070111_01	
East Sump	Calcium, dissolved	8/8/2011	585	mg/L	02_080111_01	
East Sump	Calcium, dissolved	9/20/2011	637	mg/L	02_090111_01	
East Sump	Calcium, dissolved	10/23/2011	508	mg/L	02_100111_01	
East Sump	Calcium, dissolved	11/17/2011	497	mg/L	02_110111_01	
East Sump	Calcium, dissolved	12/26/2011	470	mg/L	02_120111_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Chloride	1/23/2011	726	mg/L	11-1075	
East Sump	Chloride	2/10/2011	576	mg/L	11-1124	
East Sump	Chloride	3/20/2011	577	mg/L	11-1283	
East Sump	Chloride	4/22/2011	48	mg/L	02_040111_01	Undetected
East Sump	Chloride	5/13/2011	35	mg/L	02_050111_01	Analyte detected between MDL and ML
East Sump	Chloride	6/3/2011	182	mg/L	02_060111_01	
East Sump	Chloride	7/15/2011	< 30	mg/L	02_070111_01	Undetected
East Sump	Chloride	8/8/2011	16	mg/L	02_080111_01	Analyte detected between MDL and ML
East Sump	Chloride	9/20/2011	30	mg/L	02_090111_01	Analyte detected between MDL and ML
East Sump	Chloride	10/23/2011	22.4	mg/L	02_100111_01	Analyte detected between MDL and ML
East Sump	Chloride	11/17/2011	15.7	mg/L	02_110111_01	Analyte detected between MDL and ML
East Sump	Chloride	12/26/2011	17.9	mg/L	02_120111_01	Analyte detected between MDL and ML
East Sump	Conductivity, Field	1/23/2011	2134	uS/cm	EAST_SUMP_20110123	
East Sump	Conductivity, Field	2/10/2011	2319	uS/cm	EAST_SUMP_20110210	
East Sump	Conductivity, Field	3/20/2011	2103	uS/cm	EAST_SUMP_20110320	
East Sump	Conductivity, Field	4/22/2011	2552	uS/cm	02_040111_01	
East Sump	Conductivity, Field	5/13/2011	1013	uS/cm	02_050111_01	
East Sump	Conductivity, Field	6/3/2011	914	uS/cm	02_060111_01	
East Sump	Conductivity, Field	7/15/2011	2052	uS/cm	02_070111_01	
East Sump	Conductivity, Field	8/8/2011	1613	uS/cm	02_080111_01	
East Sump	Conductivity, Field	9/20/2011	1610	uS/cm	02_090111_01	
East Sump	Conductivity, Field	10/23/2011	1864	uS/cm	02_100111_01	
East Sump	Conductivity, Field	11/17/2011	2208	uS/cm	02_110111_01	
East Sump	Conductivity, Field	12/26/2011	1797	uS/cm	02_120111_01	
East Sump	Copper, dissolved	1/23/2011	0.007	mg/L	11-1075	
East Sump	Copper, dissolved	2/10/2011	0.0061	mg/L	11-1124	
East Sump	Copper, dissolved	3/20/2011	0.008	mg/L	11-1283	
East Sump	Copper, dissolved	4/22/2011	0.008	mg/L	02_040111_01	Analyte detected between MDL and ML
East Sump	Copper, dissolved	5/13/2011	0.0038	mg/L	02_050111_01	
East Sump	Copper, dissolved	6/3/2011	< 0.01	mg/L	02_060111_01	Undetected
East Sump	Copper, dissolved	7/15/2011	0.003	mg/L	02_070111_01	Analyte detected between MDL and ML

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Copper, dissolved	8/8/2011	0.003	mg/L	02_080111_01	Analyte detected between MDL and ML
East Sump	Copper, dissolved	9/20/2011	0.003	mg/L	02_090111_01	Analyte detected between MDL and ML
East Sump	Copper, dissolved	10/23/2011	0.002	mg/L	02_100111_01	Analyte detected between MDL and ML
East Sump	Copper, dissolved	11/17/2011	< 0.03	mg/L	02_110111_01	Undetected
East Sump	Copper, dissolved	12/26/2011	0.003	mg/L	02_120111_01	Analyte detected between MDL and ML
East Sump	Cyanide, WAD	1/23/2011	0.000003	mg/L	11-1075	
East Sump	Cyanide, WAD	2/10/2011	< 0.000003	mg/L	11-1124	
East Sump	Cyanide, WAD	3/20/2011	< 0.000003	mg/L	11-1283	
East Sump	Cyanide, WAD	4/22/2011	< 0.003	mg/L	02_040111_01	Undetected
East Sump	Cyanide, WAD	5/13/2011	< 0.003	mg/L	02_050111_01	Undetected
East Sump	Cyanide, WAD	6/3/2011	< 0.003	mg/L	02_060111_01	Undetected
East Sump	Cyanide, WAD	7/15/2011	< 0.003	mg/L	02_070111_01	Undetected
East Sump	Cyanide, WAD	8/8/2011	< 0.003	mg/L	02_080111_01	Undetected
East Sump	Cyanide, WAD	9/20/2011	< 0.003	mg/L	02_090111_01	Undetected
East Sump	Cyanide, WAD	10/23/2011	< 0.003	mg/L	02_100111_01	
East Sump	Cyanide, WAD	11/17/2011	< 0.003	mg/L	02_110111_01	Undetected
East Sump	Cyanide, WAD	12/26/2011	< 0.003	mg/L	02_120111_01	Undetected
East Sump	Iron, dissolved	1/23/2011	3.54	mg/L	11-1075	
East Sump	Iron, dissolved	2/10/2011	4.75	mg/L	11-1124	
East Sump	Iron, dissolved	3/20/2011	3.62	mg/L	11-1283	
East Sump	Iron, dissolved	4/22/2011	2.2	mg/L	02_040111_01	
East Sump	Iron, dissolved	5/13/2011	0.15	mg/L	02_050111_01	
East Sump	Iron, dissolved	6/3/2011	0.33	mg/L	02_060111_01	
East Sump	Iron, dissolved	7/15/2011	0.47	mg/L	02_070111_01	
East Sump	Iron, dissolved	8/8/2011	0.46	mg/L	02_080111_01	
East Sump	Iron, dissolved	9/20/2011	0.10	mg/L	02_090111_01	
East Sump	Iron, dissolved	10/23/2011	0.69	mg/L	02_100111_01	
East Sump	Iron, dissolved	11/17/2011	1.72	mg/L	02_110111_01	
East Sump	Iron, dissolved	12/26/2011	0.10	mg/L	02_120111_01	
East Sump	Lead, dissolved	1/23/2011	0.0008	mg/L	11-1075	
East Sump	Lead, dissolved	2/10/2011	0.0011	mg/L	11-1124	
East Sump	Lead, dissolved	3/20/2011	0.0005	mg/L	11-1283	
East Sump	Lead, dissolved	4/22/2011	0.42	mg/L	02_040111_01	
East Sump	Lead, dissolved	5/13/2011	0.0090	mg/L	02_050111_01	
East Sump	Lead, dissolved	6/3/2011	0.0027	mg/L	02_060111_01	
East Sump	Lead, dissolved	7/15/2011	0.0003	mg/L	02_070111_01	Analyte detected between MDL and ML

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Lead, dissolved	8/8/2011	0.0002	mg/L	02_080111_01	Analyte detected between MDL and ML
East Sump	Lead, dissolved	9/20/2011	0.0006	mg/L	02_090111_01	Analyte detected between MDL and ML
East Sump	Lead, dissolved	10/23/2011	< 0.0002	mg/L	02_100111_01	Undetected
East Sump	Lead, dissolved	11/17/2011	< 0.0002	mg/L	02_110111_01	Undetected
East Sump	Lead, dissolved	12/26/2011	0.0010	mg/L	02_120111_01	Analyte detected between MDL and ML
East Sump	Magnesium, dissolved	1/23/2011	534	mg/L	11-1075	
East Sump	Magnesium, dissolved	2/10/2011	511	mg/L	11-1124	
East Sump	Magnesium, dissolved	3/20/2011	574	mg/L	11-1283	
East Sump	Magnesium, dissolved	4/22/2011	525	mg/L	02_040111_01	
East Sump	Magnesium, dissolved	5/13/2011	200	mg/L	02_050111_01	
East Sump	Magnesium, dissolved	6/3/2011	145	mg/L	02_060111_01	
East Sump	Magnesium, dissolved	7/15/2011	295	mg/L	02_070111_01	
East Sump	Magnesium, dissolved	8/8/2011	262	mg/L	02_080111_01	
East Sump	Magnesium, dissolved	9/20/2011	267	mg/L	02_090111_01	
East Sump	Magnesium, dissolved	10/23/2011	346	mg/L	02_100111_01	
East Sump	Magnesium, dissolved	11/17/2011	490	mg/L	02_110111_01	
East Sump	Magnesium, dissolved	12/26/2011	360	mg/L	02_120111_01	
East Sump	Manganese, dissolved	1/23/2011	37.4	mg/L	11-1075	
East Sump	Manganese, dissolved	2/10/2011	55.4	mg/L	11-1124	
East Sump	Manganese, dissolved	3/20/2011	61.9	mg/L	11-1283	
East Sump	Manganese, dissolved	4/22/2011	62.8	mg/L	02_040111_01	
East Sump	Manganese, dissolved	5/13/2011	8.18	mg/L	02_050111_01	
East Sump	Manganese, dissolved	6/3/2011	2.95	mg/L	02_060111_01	
East Sump	Manganese, dissolved	7/15/2011	1.540	mg/L	02_070111_01	
East Sump	Manganese, dissolved	8/8/2011	1.090	mg/L	02_080111_01	
East Sump	Manganese, dissolved	9/20/2011	1.130	mg/L	02_090111_01	
East Sump	Manganese, dissolved	10/23/2011	2.58	mg/L	02_100111_01	
East Sump	Manganese, dissolved	11/17/2011	4.39	mg/L	02_110111_01	
East Sump	Manganese, dissolved	12/26/2011	23.2	mg/L	02_120111_01	
East Sump	pH, Field	1/23/2011	6.41	pH	EAST_SUMP_20	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
				Units	110123	
East Sump	pH, Field	2/10/2011	6.56	pH Units	EAST_SUMP_20110210	
East Sump	pH, Field	3/20/2011	6.54	pH Units	EAST_SUMP_20110320	
East Sump	pH, Field	4/22/2011	6.61	pH Units	02_040111_01	
East Sump	pH, Field	5/13/2011	6.96	pH Units	02_050111_01	
East Sump	pH, Field	6/3/2011	6.06	pH Units	02_060111_01	
East Sump	pH, Field	7/15/2011	7.14	pH Units	02_070111_01	
East Sump	pH, Field	8/8/2011	7.15	pH Units	02_080111_01	
East Sump	pH, Field	9/20/2011	7.16	pH Units	02_090111_01	
East Sump	pH, Field	10/23/2011	7.31	pH Units	02_100111_01	
East Sump	pH, Field	11/17/2011	7.02	pH Units	02_110111_01	
East Sump	pH, Field	12/26/2011	7.12	pH Units	02_120111_01	
East Sump	Potassium, Dissolved	1/23/2011	3.7	mg/L	11-1075	
East Sump	Potassium, Dissolved	2/10/2011	4.6	mg/L	11-1124	
East Sump	Potassium, Dissolved	3/20/2011	4.3	mg/L	11-1283	
East Sump	Potassium, Dissolved	4/22/2011	4	mg/L	02_040111_01	Analyte detected between MDL and ML
East Sump	Potassium, Dissolved	5/13/2011	2.6	mg/L	02_050111_01	
East Sump	Potassium, Dissolved	6/3/2011	1.8	mg/L	02_060111_01	Analyte detected between MDL and ML
East Sump	Potassium, Dissolved	7/15/2011	2.8	mg/L	02_070111_01	
East Sump	Potassium, Dissolved	8/8/2011	1.7	mg/L	02_080111_01	Analyte detected between MDL and ML
East Sump	Potassium, Dissolved	9/20/2011	2.5	mg/L	02_090111_01	
East Sump	Potassium, Dissolved	10/23/2011	2.7	mg/L	02_100111_01	Analyte detected between MDL and ML
East Sump	Potassium, Dissolved	11/17/2011	3.5	mg/L	02_110111_01	
East Sump	Potassium, Dissolved	12/26/2011	3.6	mg/L	02_120111_01	
East Sump	Sodium, dissolved	1/23/2011	12.3	mg/L	11-1075	
East Sump	Sodium, dissolved	2/10/2011	14.1	mg/L	11-1124	
East Sump	Sodium, dissolved	3/20/2011	13.6	mg/L	11-1283	
East Sump	Sodium, dissolved	4/22/2011	14	mg/L	02_040111_01	
East Sump	Sodium, dissolved	5/13/2011	6.3	mg/L	02_050111_01	
East Sump	Sodium, dissolved	6/3/2011	4.3	mg/L	02_060111_01	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Sodium, dissolved	7/15/2011	9.5	mg/L	02_070111_01	
East Sump	Sodium, dissolved	8/8/2011	8.3	mg/L	02_080111_01	
East Sump	Sodium, dissolved	9/20/2011	9.5	mg/L	02_090111_01	
East Sump	Sodium, dissolved	10/23/2011	10.7	mg/L	02_100111_01	
East Sump	Sodium, dissolved	11/17/2011	13.4	mg/L	02_110111_01	
East Sump	Sodium, dissolved	12/26/2011	12.1	mg/L	02_120111_01	
East Sump	Sulfate	1/23/2011	2210	mg/L	11-1075	
East Sump	Sulfate	2/10/2011	2720	mg/L	11-1124	
East Sump	Sulfate	3/20/2011	2780	mg/L	11-1283	
East Sump	Sulfate	4/22/2011	2630	mg/L	02_040111_01	
East Sump	Sulfate	5/13/2011	892	mg/L	02_050111_01	
East Sump	Sulfate	6/3/2011	710	mg/L	02_060111_01	
East Sump	Sulfate	7/15/2011	1600	mg/L	02_070111_01	
East Sump	Sulfate	8/8/2011	1300	mg/L	02_080111_01	
East Sump	Sulfate	9/20/2011	1470	mg/L	02_090111_01	
East Sump	Sulfate	10/23/2011	1832.33	mg/L	02_100111_01	
East Sump	Sulfate	11/17/2011	2565.1	mg/L	02_110111_01	
East Sump	Sulfate	12/26/2011	1825.4	mg/L	02_120111_01	
East Sump	Temperature, Field	4/22/2011	5.44	°C	02_040111_01	
East Sump	Temperature, Field	5/13/2011	2.78	°C	02_050111_01	
East Sump	Temperature, Field	6/3/2011	3.11	°C	02_060111_01	
East Sump	Temperature, Field	7/15/2011	12.38	°C	02_070111_01	
East Sump	Temperature, Field	8/8/2011	9.17	°C	02_080111_01	
East Sump	Temperature, Field	9/20/2011	5.53	°C	02_090111_01	
East Sump	Temperature, Field	10/23/2011	2.86	°C	02_100111_01	
East Sump	Temperature, Field	11/17/2011	4.13	°C	02_110111_01	
East Sump	Temperature, Field	12/26/2011	8.58	°C	02_120111_01	
East Sump	Temperature, Water	1/23/2011	1.75	°C	EAST_SUMP_20110123	
East Sump	Temperature, Water	2/10/2011	3.35	°C	EAST_SUMP_20110210	
East Sump	Temperature, Water	3/20/2011	2.79	°C	EAST_SUMP_20110320	
East Sump	Total Dissolved Solids	1/23/2011	3920	mg/L	11-1075	
East Sump	Total Dissolved Solids	2/10/2011	4110	mg/L	11-1124	
East Sump	Total Dissolved Solids	3/20/2011	4320	mg/L	11-1283	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
East Sump	Total Dissolved Solids	4/22/2011	4210	mg/L	02_040111_01	
East Sump	Total Dissolved Solids	5/13/2011	1510	mg/L	02_050111_01	
East Sump	Total Dissolved Solids	6/3/2011	1130	mg/L	02_060111_01	
East Sump	Total Dissolved Solids	7/15/2011	2620	mg/L	02_070111_01	
East Sump	Total Dissolved Solids	8/8/2011	2200	mg/L	02_080111_01	
East Sump	Total Dissolved Solids	9/20/2011	2260	mg/L	02_090111_01	
East Sump	Total Dissolved Solids	10/23/2011	3010	mg/L	02_100111_01	
East Sump	Total Dissolved Solids	11/17/2011	3970	mg/L	02_110111_01	
East Sump	Total Dissolved Solids	12/26/2011	2940	mg/L	02_120111_01	
East Sump	Zinc, dissolved	1/23/2011	15.9	mg/L	11-1075	
East Sump	Zinc, dissolved	2/10/2011	19	mg/L	11-1124	
East Sump	Zinc, dissolved	3/20/2011	16	mg/L	11-1283	
East Sump	Zinc, dissolved	4/22/2011	14.7	mg/L	02_040111_01	
East Sump	Zinc, dissolved	5/13/2011	7.1	mg/L	02_050111_01	
East Sump	Zinc, dissolved	6/3/2011	4.30	mg/L	02_060111_01	
East Sump	Zinc, dissolved	7/15/2011	1.830	mg/L	02_070111_01	
East Sump	Zinc, dissolved	8/8/2011	1.440	mg/L	02_080111_01	
East Sump	Zinc, dissolved	9/20/2011	1.630	mg/L	02_090111_01	
East Sump	Zinc, dissolved	10/23/2011	6.38	mg/L	02_100111_01	
East Sump	Zinc, dissolved	11/17/2011	5.9	mg/L	02_110111_01	
East Sump	Zinc, dissolved	12/26/2011	16.4	mg/L	02_120111_01	
Mine Sump	Acidity as CaCO3	1/23/2011	3540	mg/L	11-1071	
Mine Sump	Acidity as CaCO3	2/10/2011	2970	mg/L	11-1126	
Mine Sump	Acidity as CaCO3	3/20/2011	2700	mg/L	11-1281	
Mine Sump	Acidity as CaCO3	4/22/2011	3280	mg/L	02_040111_02	
Mine Sump	Acidity as CaCO3	5/13/2011	3060	mg/L	02_050111_02	
Mine Sump	Acidity as CaCO3	6/3/2011	3400	mg/L	02_060111_02	
Mine Sump	Acidity as CaCO3	7/15/2011	3340	mg/L	02_070111_02	
Mine Sump	Acidity as CaCO3	8/8/2011	3100	mg/L	02_080111_02	
Mine Sump	Acidity as CaCO3	9/20/2011	3580	mg/L	02_090111_02	
Mine Sump	Acidity as CaCO3	10/23/2011	< 10	mg/L	02_100111_09	Undetected
Mine Sump	Acidity as CaCO3	10/23/2011	350	mg/L	02_100111_02	
Mine Sump	Acidity as CaCO3	10/24/2011	37500	mg/L	02_100111_10	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Acidity as CaCO3	10/24/2011	7860	mg/L	02_100111_11	
Mine Sump	Acidity as CaCO3	11/17/2011	3200	mg/L	02_110111_02	
Mine Sump	Acidity as CaCO3	12/25/2011	2600	mg/L	02_120111_02	
Mine Sump	Aluminum, dissolved	1/23/2011	52.3	mg/L	11-1071	
Mine Sump	Aluminum, dissolved	2/10/2011	34	mg/L	11-1126	
Mine Sump	Aluminum, dissolved	3/20/2011	15.2	mg/L	11-1281	
Mine Sump	Aluminum, dissolved	4/22/2011	35.2	mg/L	02_040111_02	
Mine Sump	Aluminum, dissolved	5/13/2011	48.80	mg/L	02_050111_02	
Mine Sump	Aluminum, dissolved	6/3/2011	52.60	mg/L	02_060111_02	
Mine Sump	Aluminum, dissolved	7/15/2011	34.70	mg/L	02_070111_02	
Mine Sump	Aluminum, dissolved	8/8/2011	35.50	mg/L	02_080111_02	
Mine Sump	Aluminum, dissolved	9/20/2011	34.20	mg/L	02_090111_02	
Mine Sump	Aluminum, dissolved	10/23/2011	< 0.06	mg/L	02_100111_09	Undetected
Mine Sump	Aluminum, dissolved	10/23/2011	0.84	mg/L	02_100111_02	
Mine Sump	Aluminum, dissolved	10/24/2011	1650	mg/L	02_100111_10	
Mine Sump	Aluminum, dissolved	10/24/2011	272	mg/L	02_100111_11	
Mine Sump	Aluminum, dissolved	11/17/2011	34.6	mg/L	02_110111_02	
Mine Sump	Aluminum, dissolved	12/25/2011	26.40	mg/L	02_120111_02	
Mine Sump	Ammonia (As N)	1/23/2011	2.9	mg/L	11-1071	
Mine Sump	Ammonia (As N)	2/10/2011	2.5	mg/L	11-1126	
Mine Sump	Ammonia (As N)	3/20/2011	1.7	mg/L	11-1281	
Mine Sump	Ammonia (As N)	4/22/2011	4.1	mg/L	02_040111_02	
Mine Sump	Ammonia (As N)	5/13/2011	3.2	mg/L	02_050111_02	
Mine Sump	Ammonia (As N)	6/3/2011	3.9	mg/L	02_060111_02	
Mine Sump	Ammonia (As N)	7/15/2011	3.8	mg/L	02_070111_02	
Mine Sump	Ammonia (As N)	8/8/2011	3.4	mg/L	02_080111_02	
Mine Sump	Ammonia (As N)	9/20/2011	4.4	mg/L	02_090111_02	
Mine Sump	Ammonia (As N)	10/23/2011	0.8	mg/L	02_100111_09	
Mine Sump	Ammonia (As N)	10/23/2011	0.4	mg/L	02_100111_02	Analyte detected between MDL and ML
Mine	Ammonia (As N)	10/24/2011	< 0.5	mg/L	02_100111_10	Undetected

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump						
Mine Sump	Ammonia (As N)	10/24/2011	< 0.5	mg/L	02_100111_11	Undetected
Mine Sump	Ammonia (As N)	11/17/2011	5.6	mg/L	02_110111_02	
Mine Sump	Ammonia (As N)	12/25/2011	4.5	mg/L	02_120111_02	
Mine Sump	Cadmium, dissolved	1/23/2011	16.3	mg/L	11-1071	
Mine Sump	Cadmium, dissolved	2/10/2011	11.2	mg/L	11-1126	
Mine Sump	Cadmium, dissolved	3/20/2011	10.2	mg/L	11-1281	
Mine Sump	Cadmium, dissolved	4/22/2011	17.7	mg/L	02_040111_02	
Mine Sump	Cadmium, dissolved	5/13/2011	11.0	mg/L	02_050111_02	
Mine Sump	Cadmium, dissolved	6/3/2011	30.20	mg/L	02_060111_02	
Mine Sump	Cadmium, dissolved	7/15/2011	17.9	mg/L	02_070111_02	
Mine Sump	Cadmium, dissolved	8/8/2011	15.8	mg/L	02_080111_02	
Mine Sump	Cadmium, dissolved	9/20/2011	18.6	mg/L	02_090111_02	
Mine Sump	Cadmium, dissolved	10/23/2011	0.0359	mg/L	02_100111_09	
Mine Sump	Cadmium, dissolved	10/23/2011	2.19	mg/L	02_100111_02	
Mine Sump	Cadmium, dissolved	10/24/2011	125	mg/L	02_100111_10	
Mine Sump	Cadmium, dissolved	10/24/2011	29.2	mg/L	02_100111_11	
Mine Sump	Cadmium, dissolved	11/17/2011	10.6	mg/L	02_110111_02	
Mine Sump	Cadmium, dissolved	12/25/2011	12.3	mg/L	02_120111_02	
Mine Sump	Calcium, dissolved	1/23/2011	411	mg/L	11-1071	
Mine Sump	Calcium, dissolved	2/10/2011	399	mg/L	11-1126	
Mine Sump	Calcium, dissolved	3/20/2011	503	mg/L	11-1281	
Mine Sump	Calcium, dissolved	4/22/2011	411	mg/L	02_040111_02	
Mine Sump	Calcium, dissolved	5/13/2011	399	mg/L	02_050111_02	
Mine Sump	Calcium, dissolved	6/3/2011	503	mg/L	02_060111_02	
Mine Sump	Calcium, dissolved	7/15/2011	613	mg/L	02_070111_02	
Mine Sump	Calcium, dissolved	8/8/2011	585	mg/L	02_080111_02	
Mine Sump	Calcium, dissolved	9/20/2011	637	mg/L	02_090111_02	
Mine Sump	Calcium, dissolved	10/23/2011	508	mg/L	02_100111_09	
Mine Sump	Calcium, dissolved	10/23/2011	497	mg/L	02_100111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Calcium, dissolved	10/24/2011	470	mg/L	02_100111_10	
Mine Sump	Calcium, dissolved	10/24/2011	726	mg/L	02_100111_11	
Mine Sump	Calcium, dissolved	11/17/2011	576	mg/L	02_110111_02	
Mine Sump	Calcium, dissolved	12/25/2011	577	mg/L	02_120111_02	
Mine Sump	Chloride	1/23/2011	48	mg/L	11-1071	
Mine Sump	Chloride	2/10/2011	35	mg/L	11-1126	
Mine Sump	Chloride	3/20/2011	182	mg/L	11-1281	
Mine Sump	Chloride	4/22/2011	< 30	mg/L	02_040111_02	Undetected
Mine Sump	Chloride	5/13/2011	6	mg/L	02_050111_02	Analyte detected between MDL and ML
Mine Sump	Chloride	6/3/2011	< 50	mg/L	02_060111_02	Undetected
Mine Sump	Chloride	7/15/2011	< 50	mg/L	02_070111_02	Undetected
Mine Sump	Chloride	8/8/2011	< 5	mg/L	02_080111_02	Undetected
Mine Sump	Chloride	9/20/2011	< 30	mg/L	02_090111_02	Undetected
Mine Sump	Chloride	10/23/2011	< 25	mg/L	02_100111_09	Undetected
Mine Sump	Chloride	10/23/2011	12.2	mg/L	02_100111_02	Analyte detected between MDL and ML
Mine Sump	Chloride	10/24/2011	< 250	mg/L	02_100111_10	Undetected
Mine Sump	Chloride	10/24/2011	< 250	mg/L	02_100111_11	Undetected
Mine Sump	Chloride	11/17/2011	< 10	mg/L	02_110111_02	Undetected
Mine Sump	Chloride	12/25/2011	35.4	mg/L	02_120111_02	Analyte detected between MDL and ML
Mine Sump	Conductivity, Field	1/23/2011	3284	uS/cm	MINE_SUMP_20110123	
Mine Sump	Conductivity, Field	2/10/2011	2870	uS/cm	MINE_SUMP_20110210	
Mine Sump	Conductivity, Field	3/20/2011	2786	uS/cm	MINE_SUMP_20110320	
Mine Sump	Conductivity, Field	4/22/2011	3420	uS/cm	02_040111_02	
Mine Sump	Conductivity, Field	5/13/2011	2785	uS/cm	02_050111_02	
Mine Sump	Conductivity, Field	6/3/2011	4258	uS/cm	02_060111_02	
Mine Sump	Conductivity, Field	7/15/2011	4832	uS/cm	02_070111_02	
Mine Sump	Conductivity, Field	8/8/2011	3610	uS/cm	02_080111_02	
Mine Sump	Conductivity, Field	9/20/2011	4224	uS/cm	02_090111_02	
Mine Sump	Conductivity, Field	10/23/2011	2158	uS/cm	02_100111_09	
Mine	Conductivity,	10/23/2011	1282	uS/cm	02_100111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	Field					
Mine Sump	Conductivity, Field	10/24/2011	19918	uS/cm	02_100111_10	
Mine Sump	Conductivity, Field	10/24/2011	7802	uS/cm	02_100111_11	
Mine Sump	Conductivity, Field	11/17/2011	3205	uS/cm	02_110111_02	
Mine Sump	Conductivity, Field	12/25/2011	2604	uS/cm	02_120111_02	
Mine Sump	Copper, dissolved	1/23/2011	0.08	mg/L	11-1071	
Mine Sump	Copper, dissolved	2/10/2011	0.06	mg/L	11-1126	
Mine Sump	Copper, dissolved	3/20/2011	0.02	mg/L	11-1281	
Mine Sump	Copper, dissolved	4/22/2011	0.279	mg/L	02_040111_02	
Mine Sump	Copper, dissolved	5/13/2011	0.861	mg/L	02_050111_02	
Mine Sump	Copper, dissolved	6/3/2011	1.2	mg/L	02_060111_02	
Mine Sump	Copper, dissolved	7/15/2011	0.447	mg/L	02_070111_02	
Mine Sump	Copper, dissolved	8/8/2011	0.757	mg/L	02_080111_02	
Mine Sump	Copper, dissolved	9/20/2011	0.581	mg/L	02_090111_02	
Mine Sump	Copper, dissolved	10/23/2011	0.002	mg/L	02_100111_09	Analyte detected between MDL and ML
Mine Sump	Copper, dissolved	10/23/2011	0.016	mg/L	02_100111_02	
Mine Sump	Copper, dissolved	10/24/2011	22.60	mg/L	02_100111_10	
Mine Sump	Copper, dissolved	10/24/2011	4.620	mg/L	02_100111_11	
Mine Sump	Copper, dissolved	11/17/2011	< 1	mg/L	02_110111_02	Undetected
Mine Sump	Copper, dissolved	12/25/2011	0.079	mg/L	02_120111_02	
Mine Sump	Iron, dissolved	1/23/2011	776	mg/L	11-1071	
Mine Sump	Iron, dissolved	2/10/2011	670	mg/L	11-1126	
Mine Sump	Iron, dissolved	3/20/2011	648	mg/L	11-1281	
Mine Sump	Iron, dissolved	4/22/2011	644	mg/L	02_040111_02	
Mine Sump	Iron, dissolved	5/13/2011	433	mg/L	02_050111_02	
Mine Sump	Iron, dissolved	6/3/2011	578	mg/L	02_060111_02	
Mine Sump	Iron, dissolved	7/15/2011	414	mg/L	02_070111_02	
Mine Sump	Iron, dissolved	8/8/2011	620	mg/L	02_080111_02	
Mine Sump	Iron, dissolved	9/20/2011	371	mg/L	02_090111_02	
Mine Sump	Iron, dissolved	10/23/2011	0.13	mg/L	02_100111_09	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Iron, dissolved	10/23/2011	77.50	mg/L	02_100111_02	
Mine Sump	Iron, dissolved	10/24/2011	3480	mg/L	02_100111_10	
Mine Sump	Iron, dissolved	10/24/2011	313	mg/L	02_100111_11	
Mine Sump	Iron, dissolved	11/17/2011	641	mg/L	02_110111_02	
Mine Sump	Iron, dissolved	12/25/2011	424	mg/L	02_120111_02	
Mine Sump	Lead, dissolved	1/23/2011	0.52	mg/L	11-1071	
Mine Sump	Lead, dissolved	2/10/2011	0.57	mg/L	11-1126	
Mine Sump	Lead, dissolved	3/20/2011	0.5365	mg/L	11-1281	
Mine Sump	Lead, dissolved	4/22/2011	3.6	mg/L	02_040111_02	
Mine Sump	Lead, dissolved	5/13/2011	3.1	mg/L	02_050111_02	
Mine Sump	Lead, dissolved	6/3/2011	1.60	mg/L	02_060111_02	
Mine Sump	Lead, dissolved	7/15/2011	1.8000	mg/L	02_070111_02	
Mine Sump	Lead, dissolved	8/8/2011	3.3	mg/L	02_080111_02	
Mine Sump	Lead, dissolved	9/20/2011	2.1800	mg/L	02_090111_02	
Mine Sump	Lead, dissolved	10/23/2011	0.0003	mg/L	02_100111_09	Analyte detected between MDL and ML
Mine Sump	Lead, dissolved	10/23/2011	0.0335	mg/L	02_100111_02	
Mine Sump	Lead, dissolved	10/24/2011	0.093	mg/L	02_100111_10	
Mine Sump	Lead, dissolved	10/24/2011	0.037	mg/L	02_100111_11	
Mine Sump	Lead, dissolved	11/17/2011	1.0100	mg/L	02_110111_02	
Mine Sump	Lead, dissolved	12/25/2011	0.4819	mg/L	02_120111_02	
Mine Sump	Magnesium, dissolved	1/23/2011	246	mg/L	11-1071	
Mine Sump	Magnesium, dissolved	2/10/2011	198	mg/L	11-1126	
Mine Sump	Magnesium, dissolved	3/20/2011	276	mg/L	11-1281	
Mine Sump	Magnesium, dissolved	4/22/2011	219	mg/L	02_040111_02	
Mine Sump	Magnesium, dissolved	5/13/2011	142	mg/L	02_050111_02	
Mine Sump	Magnesium, dissolved	6/3/2011	254	mg/L	02_060111_02	
Mine Sump	Magnesium, dissolved	7/15/2011	144	mg/L	02_070111_02	
Mine Sump	Magnesium, dissolved	8/8/2011	122	mg/L	02_080111_02	
Mine Sump	Magnesium, dissolved	9/20/2011	155	mg/L	02_090111_02	
Mine	Magnesium,	10/23/2011	308	mg/L	02_100111_09	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	dissolved					
Mine Sump	Magnesium, dissolved	10/23/2011	86.6	mg/L	02_100111_02	
Mine Sump	Magnesium, dissolved	10/24/2011	2280	mg/L	02_100111_10	
Mine Sump	Magnesium, dissolved	10/24/2011	382	mg/L	02_100111_11	
Mine Sump	Magnesium, dissolved	11/17/2011	237	mg/L	02_110111_02	
Mine Sump	Magnesium, dissolved	12/25/2011	145	mg/L	02_120111_02	
Mine Sump	Manganese, dissolved	1/23/2011	29.6	mg/L	11-1071	
Mine Sump	Manganese, dissolved	2/10/2011	23.6	mg/L	11-1126	
Mine Sump	Manganese, dissolved	3/20/2011	27.2	mg/L	11-1281	
Mine Sump	Manganese, dissolved	4/22/2011	34	mg/L	02_040111_02	
Mine Sump	Manganese, dissolved	5/13/2011	23	mg/L	02_050111_02	
Mine Sump	Manganese, dissolved	6/3/2011	45	mg/L	02_060111_02	
Mine Sump	Manganese, dissolved	7/15/2011	36	mg/L	02_070111_02	
Mine Sump	Manganese, dissolved	8/8/2011	34	mg/L	02_080111_02	
Mine Sump	Manganese, dissolved	9/20/2011	40	mg/L	02_090111_02	
Mine Sump	Manganese, dissolved	10/23/2011	29.4	mg/L	02_100111_09	
Mine Sump	Manganese, dissolved	10/23/2011	8.7	mg/L	02_100111_02	
Mine Sump	Manganese, dissolved	10/24/2011	620	mg/L	02_100111_10	
Mine Sump	Manganese, dissolved	10/24/2011	282	mg/L	02_100111_11	
Mine Sump	Manganese, dissolved	11/17/2011	29	mg/L	02_110111_02	
Mine Sump	Manganese, dissolved	12/25/2011	29	mg/L	02_120111_02	
Mine Sump	pH, Field	1/23/2011	3.1	pH Units	MINE_SUMP_20110123	
Mine Sump	pH, Field	2/10/2011	4.63	pH Units	MINE_SUMP_20110210	
Mine Sump	pH, Field	3/20/2011	5.14	pH Units	MINE_SUMP_20110320	
Mine Sump	pH, Field	4/22/2011	4.63	pH Units	02_040111_02	
Mine Sump	pH, Field	5/13/2011	3.41	pH Units	02_050111_02	
Mine Sump	pH, Field	6/3/2011	2.54	pH Units	02_060111_02	
Mine Sump	pH, Field	7/15/2011	2.94	pH Units	02_070111_02	
Mine Sump	pH, Field	8/8/2011	3.24	pH Units	02_080111_02	
Mine Sump	pH, Field	9/20/2011	2.82	pH Units	02_090111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	pH, Field	10/23/2011	6.72	pH Units	02_100111_09	
Mine Sump	pH, Field	10/23/2011	6.23	pH Units	02_100111_02	
Mine Sump	pH, Field	10/24/2011	2.43	pH Units	02_100111_10	
Mine Sump	pH, Field	10/24/2011	2.63	pH Units	02_100111_11	
Mine Sump	pH, Field	11/17/2011	4.12	pH Units	02_110111_02	
Mine Sump	pH, Field	12/25/2011	4.06	pH Units	02_120111_02	
Mine Sump	Potassium, Dissolved	1/23/2011	4	mg/L	11-1071	
Mine Sump	Potassium, Dissolved	2/10/2011	3.6	mg/L	11-1126	
Mine Sump	Potassium, Dissolved	3/20/2011	2.3	mg/L	11-1281	
Mine Sump	Potassium, Dissolved	4/22/2011	5	mg/L	02_040111_02	Analyte detected between MDL and ML
Mine Sump	Potassium, Dissolved	5/13/2011	3.4	mg/L	02_050111_02	
Mine Sump	Potassium, Dissolved	6/3/2011	4.3	mg/L	02_060111_02	
Mine Sump	Potassium, Dissolved	7/15/2011	5.0	mg/L	02_070111_02	
Mine Sump	Potassium, Dissolved	8/8/2011	6.0	mg/L	02_080111_02	
Mine Sump	Potassium, Dissolved	9/20/2011	4.9	mg/L	02_090111_02	
Mine Sump	Potassium, Dissolved	10/23/2011	3.5	mg/L	02_100111_09	
Mine Sump	Potassium, Dissolved	10/23/2011	1.1	mg/L	02_100111_02	Analyte detected between MDL and ML
Mine Sump	Potassium, Dissolved	10/24/2011	< 20	mg/L	02_100111_10	Undetected
Mine Sump	Potassium, Dissolved	10/24/2011	< 3	mg/L	02_100111_11	Undetected
Mine Sump	Potassium, Dissolved	11/17/2011	6	mg/L	02_110111_02	Analyte detected between MDL and ML
Mine Sump	Potassium, Dissolved	12/25/2011	5.2	mg/L	02_120111_02	
Mine Sump	Sodium, dissolved	1/23/2011	25	mg/L	11-1071	
Mine Sump	Sodium, dissolved	2/10/2011	21.9	mg/L	11-1126	
Mine Sump	Sodium, dissolved	3/20/2011	22.5	mg/L	11-1281	
Mine Sump	Sodium, dissolved	4/22/2011	57	mg/L	02_040111_02	
Mine Sump	Sodium, dissolved	5/13/2011	37.3	mg/L	02_050111_02	
Mine Sump	Sodium, dissolved	6/3/2011	55.8	mg/L	02_060111_02	
Mine Sump	Sodium, dissolved	7/15/2011	101	mg/L	02_070111_02	
Mine Sump	Sodium, dissolved	8/8/2011	48.3	mg/L	02_080111_02	
Mine	Sodium,	9/20/2011	67.9	mg/L	02_090111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	dissolved					
Mine Sump	Sodium, dissolved	10/23/2011	25.2	mg/L	02_100111_09	
Mine Sump	Sodium, dissolved	10/23/2011	8.5	mg/L	02_100111_02	
Mine Sump	Sodium, dissolved	10/24/2011	< 20	mg/L	02_100111_10	Undetected
Mine Sump	Sodium, dissolved	10/24/2011	25	mg/L	02_100111_11	
Mine Sump	Sodium, dissolved	11/17/2011	100	mg/L	02_110111_02	
Mine Sump	Sodium, dissolved	12/25/2011	130	mg/L	02_120111_02	
Mine Sump	Sulfate	1/23/2011	5600	mg/L	11-1071	
Mine Sump	Sulfate	2/10/2011	5630	mg/L	11-1126	
Mine Sump	Sulfate	3/20/2011	5190	mg/L	11-1281	
Mine Sump	Sulfate	4/22/2011	5340	mg/L	02_040111_02	
Mine Sump	Sulfate	5/13/2011	3810	mg/L	02_050111_02	
Mine Sump	Sulfate	6/3/2011	5570	mg/L	02_060111_02	
Mine Sump	Sulfate	7/15/2011	5590	mg/L	02_070111_02	
Mine Sump	Sulfate	8/8/2011	5360	mg/L	02_080111_02	
Mine Sump	Sulfate	9/20/2011	6120	mg/L	02_090111_02	
Mine Sump	Sulfate	10/23/2011	2515.71	mg/L	02_100111_09	
Mine Sump	Sulfate	10/23/2011	1431.14	mg/L	02_100111_02	
Mine Sump	Sulfate	10/24/2011	54444	mg/L	02_100111_10	
Mine Sump	Sulfate	10/24/2011	12608.8	mg/L	02_100111_11	
Mine Sump	Sulfate	11/17/2011	5557	mg/L	02_110111_02	
Mine Sump	Sulfate	12/25/2011	5086	mg/L	02_120111_02	
Mine Sump	Temperature, Field	4/22/2011	2.3	°C	02_040111_02	
Mine Sump	Temperature, Field	5/13/2011	4.57	°C	02_050111_02	
Mine Sump	Temperature, Field	6/3/2011	7.1	°C	02_060111_02	
Mine Sump	Temperature, Field	7/15/2011	10.17	°C	02_070111_02	
Mine Sump	Temperature, Field	8/8/2011	6.88	°C	02_080111_02	
Mine Sump	Temperature, Field	9/20/2011	5.31	°C	02_090111_02	
Mine Sump	Temperature, Field	10/23/2011	2.22	°C	02_100111_09	
Mine Sump	Temperature, Field	10/23/2011	1.6	°C	02_100111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Mine Sump	Temperature, Field	10/24/2011	6.75	°C	02_100111_10	
Mine Sump	Temperature, Field	10/24/2011	6.73	°C	02_100111_11	
Mine Sump	Temperature, Field	11/17/2011	1.28	°C	02_110111_02	
Mine Sump	Temperature, Field	12/25/2011	2.4	°C	02_120111_02	
Mine Sump	Temperature, Water	1/23/2011	0.17	°C	MINE_SUMP_20110123	
Mine Sump	Temperature, Water	2/10/2011	1.64	°C	MINE_SUMP_20110210	
Mine Sump	Temperature, Water	3/20/2011	-0.3	°C	MINE_SUMP_20110320	
Mine Sump	Total Dissolved Solids	1/23/2011	9350	mg/L	11-1071	
Mine Sump	Total Dissolved Solids	2/10/2011	9030	mg/L	11-1126	
Mine Sump	Total Dissolved Solids	3/20/2011	8560	mg/L	11-1281	
Mine Sump	Total Dissolved Solids	4/22/2011	8890	mg/L	02_040111_02	
Mine Sump	Total Dissolved Solids	5/13/2011	6430	mg/L	02_050111_02	
Mine Sump	Total Dissolved Solids	6/3/2011	9230	mg/L	02_060111_02	
Mine Sump	Total Dissolved Solids	7/15/2011	9460	mg/L	02_070111_02	
Mine Sump	Total Dissolved Solids	8/8/2011	9160	mg/L	02_080111_02	
Mine Sump	Total Dissolved Solids	9/20/2011	9710	mg/L	02_090111_02	
Mine Sump	Total Dissolved Solids	10/23/2011	3800	mg/L	02_100111_09	
Mine Sump	Total Dissolved Solids	10/23/2011	2330	mg/L	02_100111_02	
Mine Sump	Total Dissolved Solids	10/24/2011	86100	mg/L	02_100111_10	Analysis exceeded method hold time
Mine Sump	Total Dissolved Solids	10/24/2011	18400	mg/L	02_100111_11	
Mine Sump	Total Dissolved Solids	11/17/2011	8990	mg/L	02_110111_02	
Mine Sump	Total Dissolved Solids	12/25/2011	8240	mg/L	02_120111_02	
Mine Sump	Zinc, dissolved	1/23/2011	1330	mg/L	11-1071	
Mine Sump	Zinc, dissolved	2/10/2011	1290	mg/L	11-1126	
Mine Sump	Zinc, dissolved	3/20/2011	1250	mg/L	11-1281	
Mine Sump	Zinc, dissolved	4/22/2011	1460	mg/L	02_040111_02	
Mine Sump	Zinc, dissolved	5/13/2011	1040	mg/L	02_050111_02	
Mine Sump	Zinc, dissolved	6/3/2011	1570	mg/L	02_060111_02	
Mine Sump	Zinc, dissolved	7/15/2011	1400	mg/L	02_070111_02	
Mine	Zinc, dissolved	8/8/2011	1320	mg/L	02_080111_02	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump						
Mine Sump	Zinc, dissolved	9/20/2011	1600	mg/L	02_090111_02	
Mine Sump	Zinc, dissolved	10/23/2011	44.7	mg/L	02_100111_09	
Mine Sump	Zinc, dissolved	10/23/2011	274	mg/L	02_100111_02	
Mine Sump	Zinc, dissolved	10/24/2011	13700	mg/L	02_100111_10	
Mine Sump	Zinc, dissolved	10/24/2011	3680	mg/L	02_100111_11	
Mine Sump	Zinc, dissolved	11/17/2011	1320	mg/L	02_110111_02	
Mine Sump	Zinc, dissolved	12/25/2011	1220	mg/L	02_120111_02	
Reclaim Water	Acidity as CaCO3	1/17/2011	570	mg/L	11-1011	
Reclaim Water	Acidity as CaCO3	2/22/2011	600	mg/L	11-1147	
Reclaim Water	Acidity as CaCO3	3/14/2011	620	mg/L	11-1277	
Reclaim Water	Acidity as CaCO3	4/18/2011	610	mg/L	02_040111_08	
Reclaim Water	Acidity as CaCO3	5/13/2011	570	mg/L	02_050111_08	
Reclaim Water	Acidity as CaCO3	6/13/2011	700	mg/L	02_060111_08	
Reclaim Water	Acidity as CaCO3	7/22/2011	710	mg/L	02_070111_08	
Reclaim Water	Acidity as CaCO3	8/8/2011	680	mg/L	02_080111_08	
Reclaim Water	Acidity as CaCO3	9/18/2011	660	mg/L	02_090111_08	
Reclaim Water	Acidity as CaCO3	10/10/2011	720	mg/L	02_100111_08	
Reclaim Water	Acidity as CaCO3	11/18/2011	760	mg/L	02_110111_08	
Reclaim Water	Acidity as CaCO3	12/12/2011	820	mg/L	02_120111_08	
Reclaim Water	Aluminum, dissolved	1/17/2011	0.767	mg/L	11-1011	
Reclaim Water	Aluminum, dissolved	2/22/2011	0.496	mg/L	11-1147	
Reclaim Water	Aluminum, dissolved	3/14/2011	< 0.5	mg/L	11-1277	
Reclaim Water	Aluminum, dissolved	4/18/2011	< 1	mg/L	02_040111_08	Undetected
Reclaim Water	Aluminum, dissolved	5/13/2011	1.300	mg/L	02_050111_08	
Reclaim Water	Aluminum, dissolved	6/13/2011	4.0	mg/L	02_060111_08	
Reclaim Water	Aluminum, dissolved	7/22/2011	0.87	mg/L	02_070111_08	
Reclaim Water	Aluminum, dissolved	8/8/2011	0.61	mg/L	02_080111_08	
Reclaim Water	Aluminum, dissolved	9/18/2011	1.610	mg/L	02_090111_08	
Reclaim Water	Aluminum, dissolved	10/10/2011	< 20	mg/L	02_100111_08	Undetected

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Aluminum, dissolved	11/18/2011	1.190	mg/L	02_110111_08	
Reclaim Water	Aluminum, dissolved	12/12/2011	1.330	mg/L	02_120111_08	
Reclaim Water	Ammonia (As N)	1/17/2011	7	mg/L	11-1011	
Reclaim Water	Ammonia (As N)	2/22/2011	7	mg/L	11-1147	
Reclaim Water	Ammonia (As N)	3/14/2011	7.4	mg/L	11-1277	
Reclaim Water	Ammonia (As N)	4/18/2011	7.2	mg/L	02_040111_08	
Reclaim Water	Ammonia (As N)	5/13/2011	7.0	mg/L	02_050111_08	
Reclaim Water	Ammonia (As N)	6/13/2011	6.2	mg/L	02_060111_08	
Reclaim Water	Ammonia (As N)	7/22/2011	6.5	mg/L	02_070111_08	
Reclaim Water	Ammonia (As N)	8/8/2011	5.8	mg/L	02_080111_08	
Reclaim Water	Ammonia (As N)	9/18/2011	6.1	mg/L	02_090111_08	
Reclaim Water	Ammonia (As N)	10/10/2011	6.3	mg/L	02_100111_08	
Reclaim Water	Ammonia (As N)	11/18/2011	6.8	mg/L	02_110111_08	
Reclaim Water	Ammonia (As N)	12/12/2011	7.1	mg/L	02_120111_08	
Reclaim Water	Cadmium, dissolved	1/17/2011	2	mg/L	11-1011	
Reclaim Water	Cadmium, dissolved	2/22/2011	1.9	mg/L	11-1147	
Reclaim Water	Cadmium, dissolved	3/14/2011	1.74	mg/L	11-1277	
Reclaim Water	Cadmium, dissolved	4/18/2011	1.8	mg/L	02_040111_08	
Reclaim Water	Cadmium, dissolved	5/13/2011	1.73	mg/L	02_050111_08	
Reclaim Water	Cadmium, dissolved	6/13/2011	2.3	mg/L	02_060111_08	
Reclaim Water	Cadmium, dissolved	7/22/2011	2.6	mg/L	02_070111_08	
Reclaim Water	Cadmium, dissolved	8/8/2011	2.44	mg/L	02_080111_08	
Reclaim Water	Cadmium, dissolved	9/18/2011	2.57	mg/L	02_090111_08	
Reclaim Water	Cadmium, dissolved	10/10/2011	3	mg/L	02_100111_08	Analyte detected between MDL and ML
Reclaim Water	Cadmium, dissolved	11/18/2011	2.8	mg/L	02_110111_08	
Reclaim Water	Cadmium, dissolved	12/12/2011	3.5	mg/L	02_120111_08	
Reclaim Water	Calcium, dissolved	1/17/2011	613	mg/L	11-1011	
Reclaim Water	Calcium, dissolved	2/22/2011	585	mg/L	11-1147	
Reclaim Water	Calcium, dissolved	3/14/2011	637	mg/L	11-1277	
Reclaim	Calcium,	4/18/2011	674	mg/L	02_040111_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water	dissolved					
Reclaim Water	Calcium, dissolved	5/13/2011	601	mg/L	02_050111_08	
Reclaim Water	Calcium, dissolved	6/13/2011	551	mg/L	02_060111_08	
Reclaim Water	Calcium, dissolved	7/22/2011	601	mg/L	02_070111_08	
Reclaim Water	Calcium, dissolved	8/8/2011	587	mg/L	02_080111_08	
Reclaim Water	Calcium, dissolved	9/18/2011	669	mg/L	02_090111_08	
Reclaim Water	Calcium, dissolved	10/10/2011	602	mg/L	02_100111_08	
Reclaim Water	Calcium, dissolved	11/18/2011	622	mg/L	02_110111_08	
Reclaim Water	Calcium, dissolved	12/12/2011	633	mg/L	02_120111_08	
Reclaim Water	Chloride	1/17/2011	40	mg/L	11-1011	
Reclaim Water	Chloride	2/22/2011	40	mg/L	11-1147	
Reclaim Water	Chloride	3/14/2011	42	mg/L	11-1277	
Reclaim Water	Chloride	4/18/2011	43	mg/L	02_040111_08	
Reclaim Water	Chloride	5/13/2011	< 50	mg/L	02_050111_08	Undetected
Reclaim Water	Chloride	6/13/2011	< 50	mg/L	02_060111_08	Undetected
Reclaim Water	Chloride	7/22/2011	< 50	mg/L	02_070111_08	Undetected
Reclaim Water	Chloride	8/8/2011	< 30	mg/L	02_080111_08	Undetected
Reclaim Water	Chloride	9/18/2011	< 50	mg/L	02_090111_08	Undetected
Reclaim Water	Chloride	10/10/2011	30.0	mg/L	02_100111_08	
Reclaim Water	Chloride	11/18/2011	< 50	mg/L	02_110111_08	Undetected
Reclaim Water	Chloride	12/12/2011	< 50	mg/L	02_120111_08	Undetected
Reclaim Water	Conductivity, Field	1/17/2011	2610	uS/cm	RECLAIM_WATER_20110117	
Reclaim Water	Conductivity, Field	2/22/2011	3030	uS/cm	RECLAIM_WATER_20110222	
Reclaim Water	Conductivity, Field	3/14/2011	2542	uS/cm	RECLAIM_WATER_20110314	
Reclaim Water	Conductivity, Field	5/13/2011	3577	uS/cm	02_050111_08	
Reclaim Water	Conductivity, Field	6/13/2011	3222	uS/cm	02_060111_08	
Reclaim Water	Conductivity, Field	7/22/2011	3604	uS/cm	02_070111_08	
Reclaim Water	Conductivity, Field	8/8/2011	3722	uS/cm	02_080111_08	
Reclaim Water	Conductivity, Field	8/11/2011	4470	uS/cm	02_08111_03	
Reclaim Water	Conductivity, Field	9/18/2011	2728	uS/cm	02_090111_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Conductivity, Field	10/10/2011	3420	uS/cm	02_100111_08	
Reclaim Water	Conductivity, Field	11/18/2011	2502	uS/cm	02_110111_08	
Reclaim Water	Conductivity, Field	12/12/2011	2386	uS/cm	02_120111_08	
Reclaim Water	Copper, dissolved	1/17/2011	0.016	mg/L	11-1011	
Reclaim Water	Copper, dissolved	2/22/2011	0.023	mg/L	11-1147	
Reclaim Water	Copper, dissolved	3/14/2011	0.016	mg/L	11-1277	
Reclaim Water	Copper, dissolved	4/18/2011	0.0187	mg/L	02_040111_08	
Reclaim Water	Copper, dissolved	5/13/2011	0.033	mg/L	02_050111_08	
Reclaim Water	Copper, dissolved	6/13/2011	0.052	mg/L	02_060111_08	
Reclaim Water	Copper, dissolved	7/22/2011	< 0.5	mg/L	02_070111_08	Undetected
Reclaim Water	Copper, dissolved	8/8/2011	0.014	mg/L	02_080111_08	
Reclaim Water	Copper, dissolved	9/18/2011	0.033	mg/L	02_090111_08	
Reclaim Water	Copper, dissolved	10/10/2011	< 0.5	mg/L	02_100111_08	Undetected
Reclaim Water	Copper, dissolved	11/18/2011	< 0.5	mg/L	02_110111_08	Undetected
Reclaim Water	Copper, dissolved	12/12/2011	0.004	mg/L	02_120111_08	Analyte detected between MDL and ML
Reclaim Water	Iron, dissolved	1/17/2011	5.6	mg/L	11-1011	
Reclaim Water	Iron, dissolved	2/22/2011	5.92	mg/L	11-1147	
Reclaim Water	Iron, dissolved	3/14/2011	5.07	mg/L	11-1277	
Reclaim Water	Iron, dissolved	4/18/2011	4.3	mg/L	02_040111_08	
Reclaim Water	Iron, dissolved	5/13/2011	9.31	mg/L	02_050111_08	
Reclaim Water	Iron, dissolved	6/13/2011	21.3	mg/L	02_060111_08	
Reclaim Water	Iron, dissolved	7/22/2011	10.70	mg/L	02_070111_08	
Reclaim Water	Iron, dissolved	8/8/2011	6.96	mg/L	02_080111_08	
Reclaim Water	Iron, dissolved	9/18/2011	0.52	mg/L	02_090111_08	
Reclaim Water	Iron, dissolved	10/10/2011	1.87	mg/L	02_100111_08	
Reclaim Water	Iron, dissolved	11/18/2011	6.5	mg/L	02_110111_08	
Reclaim Water	Iron, dissolved	12/12/2011	7.0	mg/L	02_120111_08	
Reclaim Water	Lead, dissolved	1/17/2011	1.44	mg/L	11-1011	
Reclaim Water	Lead, dissolved	2/22/2011	0.87	mg/L	11-1147	
Reclaim	Lead, dissolved	3/14/2011	0.9705	mg/L	11-1277	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water						
Reclaim Water	Lead, dissolved	4/18/2011	0.8670	mg/L	02_040111_08	
Reclaim Water	Lead, dissolved	5/13/2011	0.4826	mg/L	02_050111_08	
Reclaim Water	Lead, dissolved	6/13/2011	1.6800	mg/L	02_060111_08	
Reclaim Water	Lead, dissolved	7/22/2011	3.9	mg/L	02_070111_08	
Reclaim Water	Lead, dissolved	8/8/2011	2.88	mg/L	02_080111_08	
Reclaim Water	Lead, dissolved	9/18/2011	2.1300	mg/L	02_090111_08	
Reclaim Water	Lead, dissolved	10/10/2011	2	mg/L	02_100111_08	Analyte detected between MDL and ML
Reclaim Water	Lead, dissolved	11/18/2011	1.8000	mg/L	02_110111_08	
Reclaim Water	Lead, dissolved	12/12/2011	1.8100	mg/L	02_120111_08	
Reclaim Water	Magnesium, dissolved	1/17/2011	245	mg/L	11-1011	
Reclaim Water	Magnesium, dissolved	2/22/2011	216	mg/L	11-1147	
Reclaim Water	Magnesium, dissolved	3/14/2011	230	mg/L	11-1277	
Reclaim Water	Magnesium, dissolved	4/18/2011	214	mg/L	02_040111_08	
Reclaim Water	Magnesium, dissolved	5/13/2011	222	mg/L	02_050111_08	
Reclaim Water	Magnesium, dissolved	6/13/2011	194	mg/L	02_060111_08	
Reclaim Water	Magnesium, dissolved	7/22/2011	225	mg/L	02_070111_08	
Reclaim Water	Magnesium, dissolved	8/8/2011	200	mg/L	02_080111_08	
Reclaim Water	Magnesium, dissolved	9/18/2011	203	mg/L	02_090111_08	
Reclaim Water	Magnesium, dissolved	10/10/2011	236	mg/L	02_100111_08	
Reclaim Water	Magnesium, dissolved	11/18/2011	218	mg/L	02_110111_08	
Reclaim Water	Magnesium, dissolved	12/12/2011	228	mg/L	02_120111_08	
Reclaim Water	Manganese, dissolved	1/17/2011	46.6	mg/L	11-1011	
Reclaim Water	Manganese, dissolved	2/22/2011	50.6	mg/L	11-1147	
Reclaim Water	Manganese, dissolved	3/14/2011	39.5	mg/L	11-1277	
Reclaim Water	Manganese, dissolved	4/18/2011	44.7	mg/L	02_040111_08	
Reclaim Water	Manganese, dissolved	5/13/2011	36.8	mg/L	02_050111_08	
Reclaim Water	Manganese, dissolved	6/13/2011	44.8	mg/L	02_060111_08	
Reclaim Water	Manganese, dissolved	7/22/2011	46.2	mg/L	02_070111_08	
Reclaim Water	Manganese, dissolved	8/8/2011	43.6	mg/L	02_080111_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Manganese, dissolved	9/18/2011	43.9	mg/L	02_090111_08	
Reclaim Water	Manganese, dissolved	10/10/2011	40	mg/L	02_100111_08	Analyte detected between MDL and ML
Reclaim Water	Manganese, dissolved	11/18/2011	52.4	mg/L	02_110111_08	
Reclaim Water	Manganese, dissolved	12/12/2011	51.7	mg/L	02_120111_08	
Reclaim Water	pH, Field	1/17/2011	6.14	pH Units	RECLAIM_WATER_20110117	
Reclaim Water	pH, Field	2/22/2011	6.9	pH Units	RECLAIM_WATER_20110222	
Reclaim Water	pH, Field	3/14/2011	6.54	pH Units	RECLAIM_WATER_20110314	
Reclaim Water	pH, Field	5/13/2011	6.61	pH Units	02_050111_08	
Reclaim Water	pH, Field	6/13/2011	5.2	pH Units	02_060111_08	
Reclaim Water	pH, Field	7/22/2011	4.70	pH Units	02_070111_08	
Reclaim Water	pH, Field	8/8/2011	5.13	pH Units	02_080111_08	
Reclaim Water	pH, Field	8/11/2011	4.75	pH Units	02_08111_03	
Reclaim Water	pH, Field	9/18/2011	4.41	pH Units	02_090111_08	
Reclaim Water	pH, Field	10/10/2011	5.3	pH Units	02_100111_08	
Reclaim Water	pH, Field	11/18/2011	6.02	pH Units	02_110111_08	
Reclaim Water	pH, Field	12/12/2011	6.3	pH Units	02_120111_08	
Reclaim Water	Potassium, Dissolved	1/17/2011	46	mg/L	11-1011	
Reclaim Water	Potassium, Dissolved	2/22/2011	45.2	mg/L	11-1147	
Reclaim Water	Potassium, Dissolved	3/14/2011	43.9	mg/L	11-1277	
Reclaim Water	Potassium, Dissolved	4/18/2011	44	mg/L	02_040111_08	
Reclaim Water	Potassium, Dissolved	5/13/2011	42.1	mg/L	02_050111_08	
Reclaim Water	Potassium, Dissolved	6/13/2011	33	mg/L	02_060111_08	
Reclaim Water	Potassium, Dissolved	7/22/2011	34.5	mg/L	02_070111_08	
Reclaim Water	Potassium, Dissolved	8/8/2011	32.1	mg/L	02_080111_08	
Reclaim Water	Potassium, Dissolved	9/18/2011	33.1	mg/L	02_090111_08	
Reclaim Water	Potassium, Dissolved	10/10/2011	35.0	mg/L	02_100111_08	
Reclaim Water	Potassium, Dissolved	11/18/2011	34	mg/L	02_110111_08	
Reclaim Water	Potassium, Dissolved	12/12/2011	35	mg/L	02_120111_08	
Reclaim Water	Sodium, dissolved	1/17/2011	119	mg/L	11-1011	
Reclaim	Sodium,	2/22/2011	119	mg/L	11-1147	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water	dissolved					
Reclaim Water	Sodium, dissolved	3/14/2011	117	mg/L	11-1277	
Reclaim Water	Sodium, dissolved	4/18/2011	122	mg/L	02_040111_08	
Reclaim Water	Sodium, dissolved	5/13/2011	122	mg/L	02_050111_08	
Reclaim Water	Sodium, dissolved	6/13/2011	97	mg/L	02_060111_08	
Reclaim Water	Sodium, dissolved	7/22/2011	104	mg/L	02_070111_08	
Reclaim Water	Sodium, dissolved	8/8/2011	99.0	mg/L	02_080111_08	
Reclaim Water	Sodium, dissolved	9/18/2011	103	mg/L	02_090111_08	
Reclaim Water	Sodium, dissolved	10/10/2011	107	mg/L	02_100111_08	
Reclaim Water	Sodium, dissolved	11/18/2011	112	mg/L	02_110111_08	
Reclaim Water	Sodium, dissolved	12/12/2011	116	mg/L	02_120111_08	
Reclaim Water	Sulfate	1/17/2011	3350	mg/L	11-1011	
Reclaim Water	Sulfate	2/22/2011	3390	mg/L	11-1147	
Reclaim Water	Sulfate	3/14/2011	3380	mg/L	11-1277	
Reclaim Water	Sulfate	4/18/2011	3280	mg/L	02_040111_08	
Reclaim Water	Sulfate	5/13/2011	3380	mg/L	02_050111_08	
Reclaim Water	Sulfate	6/13/2011	3320	mg/L	02_060111_08	
Reclaim Water	Sulfate	7/22/2011	3250	mg/L	02_070111_08	
Reclaim Water	Sulfate	8/8/2011	3130	mg/L	02_080111_08	
Reclaim Water	Sulfate	9/18/2011	3380	mg/L	02_090111_08	
Reclaim Water	Sulfate	10/10/2011	3370.00	mg/L	02_100111_08	
Reclaim Water	Sulfate	11/18/2011	3436	mg/L	02_110111_08	
Reclaim Water	Sulfate	12/12/2011	3579	mg/L	02_120111_08	
Reclaim Water	Temperature, Field	5/13/2011	14.2	°C	02_050111_08	
Reclaim Water	Temperature, Field	6/13/2011	12.51	°C	02_060111_08	
Reclaim Water	Temperature, Field	7/22/2011	15.2	°C	02_070111_08	
Reclaim Water	Temperature, Field	8/8/2011	13.2	°C	02_080111_08	
Reclaim Water	Temperature, Field	8/11/2011	13.5	°C	02_08111_03	
Reclaim Water	Temperature, Field	9/18/2011	4.7	°C	02_090111_08	
Reclaim Water	Temperature, Field	10/10/2011	4.6	°C	02_100111_08	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Reclaim Water	Temperature, Field	11/18/2011	4.21	°C	02_110111_08	
Reclaim Water	Temperature, Field	12/12/2011	3.89	°C	02_120111_08	
Reclaim Water	Temperature, Water	1/17/2011	3.6	°C	RECLAIM_WATER_20110117	
Reclaim Water	Temperature, Water	2/22/2011	7.53	°C	RECLAIM_WATER_20110222	
Reclaim Water	Temperature, Water	3/14/2011	5.4	°C	RECLAIM_WATER_20110314	
Reclaim Water	Total Dissolved Solids	1/17/2011	5130	mg/L	11-1011	
Reclaim Water	Total Dissolved Solids	2/22/2011	5210	mg/L	11-1147	
Reclaim Water	Total Dissolved Solids	3/14/2011	5220	mg/L	11-1277	
Reclaim Water	Total Dissolved Solids	4/18/2011	5130	mg/L	02_040111_08	
Reclaim Water	Total Dissolved Solids	5/13/2011	5220	mg/L	02_050111_08	
Reclaim Water	Total Dissolved Solids	6/13/2011	4870	mg/L	02_060111_08	
Reclaim Water	Total Dissolved Solids	7/22/2011	5150	mg/L	02_070111_08	
Reclaim Water	Total Dissolved Solids	8/8/2011	5190	mg/L	02_080111_08	
Reclaim Water	Total Dissolved Solids	9/18/2011	5090	mg/L	02_090111_08	
Reclaim Water	Total Dissolved Solids	10/10/2011	5060	mg/L	02_100111_08	
Reclaim Water	Total Dissolved Solids	11/18/2011	5420	mg/L	02_110111_08	
Reclaim Water	Total Dissolved Solids	12/12/2011	5560	mg/L	02_120111_08	
Reclaim Water	Zinc, dissolved	1/17/2011	446	mg/L	11-1011	
Reclaim Water	Zinc, dissolved	2/22/2011	459	mg/L	11-1147	
Reclaim Water	Zinc, dissolved	3/14/2011	426	mg/L	11-1277	
Reclaim Water	Zinc, dissolved	4/18/2011	418	mg/L	02_040111_08	
Reclaim Water	Zinc, dissolved	5/13/2011	398	mg/L	02_050111_08	
Reclaim Water	Zinc, dissolved	6/13/2011	517	mg/L	02_060111_08	
Reclaim Water	Zinc, dissolved	7/22/2011	518	mg/L	02_070111_08	
Reclaim Water	Zinc, dissolved	8/8/2011	485	mg/L	02_080111_08	
Reclaim Water	Zinc, dissolved	9/18/2011	489	mg/L	02_090111_08	
Reclaim Water	Zinc, dissolved	10/10/2011	530	mg/L	02_100111_08	
Reclaim Water	Zinc, dissolved	11/18/2011	554	mg/L	02_110111_08	
Reclaim Water	Zinc, dissolved	12/12/2011	633	mg/L	02_120111_08	
Seepage	Acidity as	1/23/2011	1130	mg/L	11-1073	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Pond	CaCO3					
Seepage Pond	Acidity as CaCO3	2/10/2011	1210	mg/L	11-1129	
Seepage Pond	Acidity as CaCO3	3/20/2011	1050	mg/L	11-1280	
Seepage Pond	Acidity as CaCO3	4/22/2011	1020	mg/L	02_040111_05	
Seepage Pond	Acidity as CaCO3	5/13/2011	1080	mg/L	02_050111_05	
Seepage Pond	Acidity as CaCO3	6/3/2011	1150	mg/L	02_060111_05	
Seepage Pond	Acidity as CaCO3	7/15/2011	1740	mg/L	02_070111_05	
Seepage Pond	Acidity as CaCO3	8/8/2011	1540	mg/L	02_080111_05	
Seepage Pond	Acidity as CaCO3	9/20/2011	1870	mg/L	02_090111_05	
Seepage Pond	Acidity as CaCO3	10/24/2011	1500	mg/L	02_100111_05	
Seepage Pond	Acidity as CaCO3	11/17/2011	1670	mg/L	02_110111_05	
Seepage Pond	Acidity as CaCO3	12/25/2011	1440	mg/L	02_120111_05	
Seepage Pond	Aluminum, dissolved	1/23/2011	1	mg/L	11-1073	
Seepage Pond	Aluminum, dissolved	2/10/2011	0.6	mg/L	11-1129	
Seepage Pond	Aluminum, dissolved	3/20/2011	1.24	mg/L	11-1280	
Seepage Pond	Aluminum, dissolved	4/22/2011	3.9	mg/L	02_040111_05	
Seepage Pond	Aluminum, dissolved	5/13/2011	3.75	mg/L	02_050111_05	
Seepage Pond	Aluminum, dissolved	6/3/2011	8.69	mg/L	02_060111_05	
Seepage Pond	Aluminum, dissolved	7/15/2011	1.83	mg/L	02_070111_05	
Seepage Pond	Aluminum, dissolved	8/8/2011	1.62	mg/L	02_080111_05	
Seepage Pond	Aluminum, dissolved	9/20/2011	1.53	mg/L	02_090111_05	
Seepage Pond	Aluminum, dissolved	10/24/2011	1.4	mg/L	02_100111_05	
Seepage Pond	Aluminum, dissolved	11/17/2011	1.5	mg/L	02_110111_05	
Seepage Pond	Aluminum, dissolved	12/25/2011	1.37	mg/L	02_120111_05	
Seepage Pond	Ammonia (As N)	1/23/2011	5.1	mg/L	11-1073	
Seepage Pond	Ammonia (As N)	2/10/2011	4.9	mg/L	11-1129	
Seepage Pond	Ammonia (As N)	3/20/2011	4.6	mg/L	11-1280	
Seepage Pond	Ammonia (As N)	4/22/2011	4.5	mg/L	02_040111_05	
Seepage Pond	Ammonia (As N)	5/13/2011	4.0	mg/L	02_050111_05	
Seepage Pond	Ammonia (As N)	6/3/2011	3.8	mg/L	02_060111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Ammonia (As N)	7/15/2011	5.3	mg/L	02_070111_05	
Seepage Pond	Ammonia (As N)	8/8/2011	5.4	mg/L	02_080111_05	
Seepage Pond	Ammonia (As N)	9/20/2011	5.3	mg/L	02_090111_05	
Seepage Pond	Ammonia (As N)	10/24/2011	5.1	mg/L	02_100111_05	
Seepage Pond	Ammonia (As N)	11/17/2011	5.3	mg/L	02_110111_05	
Seepage Pond	Ammonia (As N)	12/25/2011	5.3	mg/L	02_120111_05	
Seepage Pond	Cadmium, dissolved	1/23/2011	1.4	mg/L	11-1073	
Seepage Pond	Cadmium, dissolved	2/10/2011	1.31	mg/L	11-1129	
Seepage Pond	Cadmium, dissolved	3/20/2011	1.2	mg/L	11-1280	
Seepage Pond	Cadmium, dissolved	4/22/2011	1.6	mg/L	02_040111_05	
Seepage Pond	Cadmium, dissolved	5/13/2011	2.1	mg/L	02_050111_05	
Seepage Pond	Cadmium, dissolved	6/3/2011	3.7	mg/L	02_060111_05	
Seepage Pond	Cadmium, dissolved	7/15/2011	2.1	mg/L	02_070111_05	
Seepage Pond	Cadmium, dissolved	8/8/2011	1.9	mg/L	02_080111_05	
Seepage Pond	Cadmium, dissolved	9/20/2011	2.2	mg/L	02_090111_05	
Seepage Pond	Cadmium, dissolved	10/24/2011	2.1	mg/L	02_100111_05	
Seepage Pond	Cadmium, dissolved	11/17/2011	2.15	mg/L	02_110111_05	
Seepage Pond	Cadmium, dissolved	12/25/2011	2.1	mg/L	02_120111_05	
Seepage Pond	Calcium, dissolved	1/23/2011	508	mg/L	11-1073	
Seepage Pond	Calcium, dissolved	2/10/2011	497	mg/L	11-1129	
Seepage Pond	Calcium, dissolved	3/20/2011	470	mg/L	11-1280	
Seepage Pond	Calcium, dissolved	4/22/2011	473	mg/L	02_040111_05	
Seepage Pond	Calcium, dissolved	5/13/2011	503	mg/L	02_050111_05	
Seepage Pond	Calcium, dissolved	6/3/2011	473	mg/L	02_060111_05	
Seepage Pond	Calcium, dissolved	7/15/2011	509	mg/L	02_070111_05	
Seepage Pond	Calcium, dissolved	8/8/2011	431	mg/L	02_080111_05	
Seepage Pond	Calcium, dissolved	9/20/2011	423	mg/L	02_090111_05	
Seepage Pond	Calcium, dissolved	10/24/2011	467	mg/L	02_100111_05	
Seepage Pond	Calcium, dissolved	11/17/2011	456	mg/L	02_110111_05	
Seepage	Calcium,	12/25/2011	431	mg/L	02_120111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Pond	dissolved					
Seepage Pond	Chloride	1/23/2011	37	mg/L	11-1073	
Seepage Pond	Chloride	2/10/2011	28	mg/L	11-1129	
Seepage Pond	Chloride	3/20/2011	37	mg/L	11-1280	
Seepage Pond	Chloride	4/22/2011	30	mg/L	02_040111_05	Analyte detected between MDL and ML
Seepage Pond	Chloride	5/13/2011	35	mg/L	02_050111_05	
Seepage Pond	Chloride	6/3/2011	< 50	mg/L	02_060111_05	Undetected
Seepage Pond	Chloride	7/15/2011	< 50	mg/L	02_070111_05	Undetected
Seepage Pond	Chloride	8/8/2011	42	mg/L	02_080111_05	
Seepage Pond	Chloride	9/20/2011	50	mg/L	02_090111_05	Analyte detected between MDL and ML
Seepage Pond	Chloride	10/24/2011	< 50	mg/L	02_100111_05	Undetected
Seepage Pond	Chloride	11/17/2011	< 50	mg/L	02_110111_05	Undetected
Seepage Pond	Chloride	12/25/2011	106	mg/L	02_120111_05	Analyte detected between MDL and ML
Seepage Pond	Conductivity, Field	1/23/2011	3006	uS/cm	SEEPAGE_POND_20110123	
Seepage Pond	Conductivity, Field	2/10/2011	2696	uS/cm	SEEPAGE_POND_20110210	
Seepage Pond	Conductivity, Field	3/20/2011	2507	uS/cm	SEEPAGE_POND_20110320	
Seepage Pond	Conductivity, Field	4/22/2011	2863	uS/cm	02_040111_05	
Seepage Pond	Conductivity, Field	5/13/2011	2878	uS/cm	02_050111_05	
Seepage Pond	Conductivity, Field	6/3/2011	3294	uS/cm	02_060111_05	
Seepage Pond	Conductivity, Field	7/15/2011	3531	uS/cm	02_070111_05	
Seepage Pond	Conductivity, Field	8/8/2011	3396	uS/cm	02_080111_05	
Seepage Pond	Conductivity, Field	9/20/2011	3296	uS/cm	02_090111_05	
Seepage Pond	Conductivity, Field	10/24/2011	3415	uS/cm	02_100111_05	
Seepage Pond	Conductivity, Field	11/17/2011	3172	uS/cm	02_110111_05	
Seepage Pond	Conductivity, Field	12/25/2011	1882	uS/cm	02_120111_05	
Seepage Pond	Copper, dissolved	1/23/2011	0.014	mg/L	11-1073	
Seepage Pond	Copper, dissolved	2/10/2011	0.0117	mg/L	11-1129	
Seepage Pond	Copper, dissolved	3/20/2011	0.037	mg/L	11-1280	
Seepage Pond	Copper, dissolved	4/22/2011	0.115	mg/L	02_040111_05	
Seepage Pond	Copper, dissolved	5/13/2011	0.161	mg/L	02_050111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Copper, dissolved	6/3/2011	0.4271	mg/L	02_060111_05	
Seepage Pond	Copper, dissolved	7/15/2011	0.021	mg/L	02_070111_05	
Seepage Pond	Copper, dissolved	8/8/2011	0.024	mg/L	02_080111_05	
Seepage Pond	Copper, dissolved	9/20/2011	0.023	mg/L	02_090111_05	
Seepage Pond	Copper, dissolved	10/24/2011	< 0.003	mg/L	02_100111_05	Undetected
Seepage Pond	Copper, dissolved	11/17/2011	< 0.3	mg/L	02_110111_05	Undetected
Seepage Pond	Copper, dissolved	12/25/2011	0.005	mg/L	02_120111_05	Analyte detected between MDL and ML
Seepage Pond	Iron, dissolved	1/23/2011	207	mg/L	11-1073	
Seepage Pond	Iron, dissolved	2/10/2011	222	mg/L	11-1129	
Seepage Pond	Iron, dissolved	3/20/2011	158	mg/L	11-1280	
Seepage Pond	Iron, dissolved	4/22/2011	126	mg/L	02_040111_05	
Seepage Pond	Iron, dissolved	5/13/2011	105	mg/L	02_050111_05	
Seepage Pond	Iron, dissolved	6/3/2011	66.40	mg/L	02_060111_05	
Seepage Pond	Iron, dissolved	7/15/2011	200	mg/L	02_070111_05	
Seepage Pond	Iron, dissolved	8/8/2011	254	mg/L	02_080111_05	
Seepage Pond	Iron, dissolved	9/20/2011	219	mg/L	02_090111_05	
Seepage Pond	Iron, dissolved	10/24/2011	256	mg/L	02_100111_05	
Seepage Pond	Iron, dissolved	11/17/2011	250	mg/L	02_110111_05	
Seepage Pond	Iron, dissolved	12/25/2011	236	mg/L	02_120111_05	
Seepage Pond	Lead, dissolved	1/23/2011	0.0336	mg/L	11-1073	
Seepage Pond	Lead, dissolved	2/10/2011	0.0337	mg/L	11-1129	
Seepage Pond	Lead, dissolved	3/20/2011	0.0155	mg/L	11-1280	
Seepage Pond	Lead, dissolved	4/22/2011	1.5	mg/L	02_040111_05	
Seepage Pond	Lead, dissolved	5/13/2011	0.0393	mg/L	02_050111_05	
Seepage Pond	Lead, dissolved	6/3/2011	0.0354	mg/L	02_060111_05	
Seepage Pond	Lead, dissolved	7/15/2011	0.0438	mg/L	02_070111_05	
Seepage Pond	Lead, dissolved	8/8/2011	0.0517	mg/L	02_080111_05	
Seepage Pond	Lead, dissolved	9/20/2011	0.0328	mg/L	02_090111_05	
Seepage Pond	Lead, dissolved	10/24/2011	0.0370	mg/L	02_100111_05	
Seepage	Lead, dissolved	11/17/2011	0.0352	mg/L	02_110111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Pond						
Seepage Pond	Lead, dissolved	12/25/2011	0.0387	mg/L	02_120111_05	
Seepage Pond	Magnesium, dissolved	1/23/2011	316	mg/L	11-1073	
Seepage Pond	Magnesium, dissolved	2/10/2011	306	mg/L	11-1129	
Seepage Pond	Magnesium, dissolved	3/20/2011	318	mg/L	11-1280	
Seepage Pond	Magnesium, dissolved	4/22/2011	348	mg/L	02_040111_05	
Seepage Pond	Magnesium, dissolved	5/13/2011	342	mg/L	02_050111_05	
Seepage Pond	Magnesium, dissolved	6/3/2011	402	mg/L	02_060111_05	
Seepage Pond	Magnesium, dissolved	7/15/2011	282	mg/L	02_070111_05	
Seepage Pond	Magnesium, dissolved	8/8/2011	284	mg/L	02_080111_05	
Seepage Pond	Magnesium, dissolved	9/20/2011	294	mg/L	02_090111_05	
Seepage Pond	Magnesium, dissolved	10/24/2011	316	mg/L	02_100111_05	
Seepage Pond	Magnesium, dissolved	11/17/2011	309	mg/L	02_110111_05	
Seepage Pond	Magnesium, dissolved	12/25/2011	295	mg/L	02_120111_05	
Seepage Pond	Manganese, dissolved	1/23/2011	74.6	mg/L	11-1073	
Seepage Pond	Manganese, dissolved	2/10/2011	77.3	mg/L	11-1129	
Seepage Pond	Manganese, dissolved	3/20/2011	66.7	mg/L	11-1280	
Seepage Pond	Manganese, dissolved	4/22/2011	67.0	mg/L	02_040111_05	
Seepage Pond	Manganese, dissolved	5/13/2011	66.1	mg/L	02_050111_05	
Seepage Pond	Manganese, dissolved	6/3/2011	81.6	mg/L	02_060111_05	
Seepage Pond	Manganese, dissolved	7/15/2011	76.1	mg/L	02_070111_05	
Seepage Pond	Manganese, dissolved	8/8/2011	77	mg/L	02_080111_05	
Seepage Pond	Manganese, dissolved	9/20/2011	97.5	mg/L	02_090111_05	
Seepage Pond	Manganese, dissolved	10/24/2011	90.2	mg/L	02_100111_05	
Seepage Pond	Manganese, dissolved	11/17/2011	91.5	mg/L	02_110111_05	
Seepage Pond	Manganese, dissolved	12/25/2011	87.6	mg/L	02_120111_05	
Seepage Pond	pH, Field	1/23/2011	5.73	pH Units	SEEPAGE_POND_20110123	
Seepage Pond	pH, Field	2/10/2011	5.9	pH Units	SEEPAGE_POND_20110210	
Seepage Pond	pH, Field	3/20/2011	5.72	pH Units	SEEPAGE_POND_20110320	
Seepage Pond	pH, Field	4/22/2011	5.22	pH Units	02_040111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	pH, Field	5/13/2011	5.51	pH Units	02_050111_05	
Seepage Pond	pH, Field	6/3/2011	5.04	pH Units	02_060111_05	
Seepage Pond	pH, Field	7/15/2011	5.51	pH Units	02_070111_05	
Seepage Pond	pH, Field	8/8/2011	5.47	pH Units	02_080111_05	
Seepage Pond	pH, Field	9/20/2011	5.95	pH Units	02_090111_05	
Seepage Pond	pH, Field	10/24/2011	5.64	pH Units	02_100111_05	
Seepage Pond	pH, Field	11/17/2011	5.79	pH Units	02_110111_05	
Seepage Pond	pH, Field	12/25/2011	6.93	pH Units	02_120111_05	
Seepage Pond	Potassium, Dissolved	1/23/2011	25	mg/L	11-1073	
Seepage Pond	Potassium, Dissolved	2/10/2011	29.4	mg/L	11-1129	
Seepage Pond	Potassium, Dissolved	3/20/2011	26.1	mg/L	11-1280	
Seepage Pond	Potassium, Dissolved	4/22/2011	24	mg/L	02_040111_05	
Seepage Pond	Potassium, Dissolved	5/13/2011	22.3	mg/L	02_050111_05	
Seepage Pond	Potassium, Dissolved	6/3/2011	21.7	mg/L	02_060111_05	
Seepage Pond	Potassium, Dissolved	7/15/2011	25.6	mg/L	02_070111_05	
Seepage Pond	Potassium, Dissolved	8/8/2011	24.9	mg/L	02_080111_05	
Seepage Pond	Potassium, Dissolved	9/20/2011	24.0	mg/L	02_090111_05	
Seepage Pond	Potassium, Dissolved	10/24/2011	24	mg/L	02_100111_05	
Seepage Pond	Potassium, Dissolved	11/17/2011	25	mg/L	02_110111_05	
Seepage Pond	Potassium, Dissolved	12/25/2011	24.8	mg/L	02_120111_05	
Seepage Pond	Sodium, dissolved	1/23/2011	84	mg/L	11-1073	
Seepage Pond	Sodium, dissolved	2/10/2011	91.4	mg/L	11-1129	
Seepage Pond	Sodium, dissolved	3/20/2011	90.9	mg/L	11-1280	
Seepage Pond	Sodium, dissolved	4/22/2011	95	mg/L	02_040111_05	
Seepage Pond	Sodium, dissolved	5/13/2011	98.9	mg/L	02_050111_05	
Seepage Pond	Sodium, dissolved	6/3/2011	91.2	mg/L	02_060111_05	
Seepage Pond	Sodium, dissolved	7/15/2011	85.9	mg/L	02_070111_05	
Seepage Pond	Sodium, dissolved	8/8/2011	81.9	mg/L	02_080111_05	
Seepage Pond	Sodium, dissolved	9/20/2011	75.2	mg/L	02_090111_05	
Seepage	Sodium,	10/24/2011	77	mg/L	02_100111_05	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Pond	dissolved					
Seepage Pond	Sodium, dissolved	11/17/2011	78	mg/L	02_110111_05	
Seepage Pond	Sodium, dissolved	12/25/2011	79.2	mg/L	02_120111_05	
Seepage Pond	Sulfate	1/23/2011	3850	mg/L	11-1073	
Seepage Pond	Sulfate	2/10/2011	3940	mg/L	11-1129	
Seepage Pond	Sulfate	3/20/2011	3810	mg/L	11-1280	
Seepage Pond	Sulfate	4/22/2011	3900	mg/L	02_040111_05	
Seepage Pond	Sulfate	5/13/2011	3790	mg/L	02_050111_05	
Seepage Pond	Sulfate	6/3/2011	4130	mg/L	02_060111_05	
Seepage Pond	Sulfate	7/15/2011	4310	mg/L	02_070111_05	
Seepage Pond	Sulfate	8/8/2011	4220	mg/L	02_080111_05	
Seepage Pond	Sulfate	9/20/2011	4550	mg/L	02_090111_05	
Seepage Pond	Sulfate	10/24/2011	4333.6	mg/L	02_100111_05	
Seepage Pond	Sulfate	11/17/2011	4292	mg/L	02_110111_05	
Seepage Pond	Sulfate	12/25/2011	4273	mg/L	02_120111_05	
Seepage Pond	Temperature, Field	4/22/2011	3.75	°C	02_040111_05	
Seepage Pond	Temperature, Field	5/13/2011	4.25	°C	02_050111_05	
Seepage Pond	Temperature, Field	6/3/2011	5.29	°C	02_060111_05	
Seepage Pond	Temperature, Field	7/15/2011	6.12	°C	02_070111_05	
Seepage Pond	Temperature, Field	8/8/2011	5.44	°C	02_080111_05	
Seepage Pond	Temperature, Field	9/20/2011	4.95	°C	02_090111_05	
Seepage Pond	Temperature, Field	10/24/2011	4.35	°C	02_100111_05	
Seepage Pond	Temperature, Field	11/17/2011	4.28	°C	02_110111_05	
Seepage Pond	Temperature, Field	12/25/2011	4.26	°C	02_120111_05	
Seepage Pond	Temperature, Water	1/23/2011	4.01	°C	SEEPAGE_POND_20110123	
Seepage Pond	Temperature, Water	2/10/2011	3.39	°C	SEEPAGE_POND_20110210	
Seepage Pond	Temperature, Water	3/20/2011	2.79	°C	SEEPAGE_POND_20110320	
Seepage Pond	Total Dissolved Solids	1/23/2011	6220	mg/L	11-1073	
Seepage Pond	Total Dissolved Solids	2/10/2011	6080	mg/L	11-1129	
Seepage Pond	Total Dissolved Solids	3/20/2011	5940	mg/L	11-1280	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Seepage Pond	Total Dissolved Solids	4/22/2011	6090	mg/L	02_040111_05	
Seepage Pond	Total Dissolved Solids	5/13/2011	5970	mg/L	02_050111_05	
Seepage Pond	Total Dissolved Solids	6/3/2011	6570	mg/L	02_060111_05	
Seepage Pond	Total Dissolved Solids	7/15/2011	7150	mg/L	02_070111_05	
Seepage Pond	Total Dissolved Solids	8/8/2011	7190	mg/L	02_080111_05	
Seepage Pond	Total Dissolved Solids	9/20/2011	7130	mg/L	02_090111_05	
Seepage Pond	Total Dissolved Solids	10/24/2011	7000	mg/L	02_100111_05	
Seepage Pond	Total Dissolved Solids	11/17/2011	6990	mg/L	02_110111_05	
Seepage Pond	Total Dissolved Solids	12/25/2011	6760	mg/L	02_120111_05	
Seepage Pond	Zinc, dissolved	1/23/2011	670	mg/L	11-1073	
Seepage Pond	Zinc, dissolved	2/10/2011	694	mg/L	11-1129	
Seepage Pond	Zinc, dissolved	3/20/2011	581	mg/L	11-1280	
Seepage Pond	Zinc, dissolved	4/22/2011	645	mg/L	02_040111_05	
Seepage Pond	Zinc, dissolved	5/13/2011	623	mg/L	02_050111_05	
Seepage Pond	Zinc, dissolved	6/3/2011	807	mg/L	02_060111_05	
Seepage Pond	Zinc, dissolved	7/15/2011	900	mg/L	02_070111_05	
Seepage Pond	Zinc, dissolved	8/8/2011	877	mg/L	02_080111_05	
Seepage Pond	Zinc, dissolved	9/20/2011	926	mg/L	02_090111_05	
Seepage Pond	Zinc, dissolved	10/24/2011	888	mg/L	02_100111_05	
Seepage Pond	Zinc, dissolved	11/17/2011	932	mg/L	02_110111_05	
Seepage Pond	Zinc, dissolved	12/25/2011	834	mg/L	02_120111_05	
Tailings Water	Acidity as CaCO3	1/17/2011	510	mg/L	11-1009	
Tailings Water	Acidity as CaCO3	2/22/2011	1470	mg/L	11-1148	
Tailings Water	Acidity as CaCO3	3/14/2011	500	mg/L	11-1275	
Tailings Water	Acidity as CaCO3	4/18/2011	490	mg/L	02_040111_07	
Tailings Water	Acidity as CaCO3	5/13/2011	1120	mg/L	02_050111_07	
Tailings Water	Acidity as CaCO3	6/13/2011	910	mg/L	02_060111_07	
Tailings Water	Acidity as CaCO3	7/22/2011	400	mg/L	02_070111_07	
Tailings Water	Acidity as CaCO3	8/8/2011	550	mg/L	02_080111_07	
Tailings	Acidity as	9/18/2011	550	mg/L	02_090111_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water	CaCO3					
Tailings Water	Acidity as CaCO3	10/10/2011	930	mg/L	02_100111_07	
Tailings Water	Acidity as CaCO3	11/18/2011	980	mg/L	02_110111_07	
Tailings Water	Acidity as CaCO3	12/12/2011	1510	mg/L	02_120111_07	
Tailings Water	Aluminum, dissolved	1/17/2011	0.003	mg/L	11-1009	
Tailings Water	Aluminum, dissolved	2/22/2011	< 0.005	mg/L	11-1148	
Tailings Water	Aluminum, dissolved	3/14/2011	< 0.5	mg/L	11-1275	
Tailings Water	Aluminum, dissolved	4/18/2011	< 0.005	mg/L	02_040111_07	Undetected
Tailings Water	Aluminum, dissolved	5/13/2011	< 0.005	mg/L	02_050111_07	Undetected
Tailings Water	Aluminum, dissolved	6/13/2011	< 0.005	mg/L	02_060111_07	Undetected
Tailings Water	Aluminum, dissolved	7/22/2011	< 0.005	mg/L	02_070111_07	Undetected
Tailings Water	Aluminum, dissolved	8/8/2011	< 0.005	mg/L	02_080111_07	Undetected
Tailings Water	Aluminum, dissolved	9/18/2011	< 0.005	mg/L	02_090111_07	Undetected
Tailings Water	Aluminum, dissolved	10/10/2011	< 0.005	mg/L	02_100111_07	Undetected
Tailings Water	Aluminum, dissolved	11/18/2011	0.013	mg/L	02_110111_07	Analyte detected between MDL and ML
Tailings Water	Aluminum, dissolved	12/12/2011	< 0.005	mg/L	02_120111_07	Undetected
Tailings Water	Ammonia (As N)	1/17/2011	11	mg/L	11-1009	
Tailings Water	Ammonia (As N)	2/22/2011	9.7	mg/L	11-1148	
Tailings Water	Ammonia (As N)	3/14/2011	9.5	mg/L	11-1275	
Tailings Water	Ammonia (As N)	4/18/2011	11.0	mg/L	02_040111_07	
Tailings Water	Ammonia (As N)	5/13/2011	9.6	mg/L	02_050111_07	
Tailings Water	Ammonia (As N)	6/13/2011	7.7	mg/L	02_060111_07	
Tailings Water	Ammonia (As N)	7/22/2011	7.4	mg/L	02_070111_07	
Tailings Water	Ammonia (As N)	8/8/2011	7.1	mg/L	02_080111_07	
Tailings Water	Ammonia (As N)	9/18/2011	7.1	mg/L	02_090111_07	
Tailings Water	Ammonia (As N)	10/10/2011	8.3	mg/L	02_100111_07	
Tailings Water	Ammonia (As N)	11/18/2011	7.9	mg/L	02_110111_07	
Tailings Water	Ammonia (As N)	12/12/2011	8.5	mg/L	02_120111_07	
Tailings Water	Cadmium, dissolved	1/17/2011	0.72	mg/L	11-1009	
Tailings Water	Cadmium, dissolved	2/22/2011	4.5	mg/L	11-1148	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Cadmium, dissolved	3/14/2011	0.8	mg/L	11-1275	
Tailings Water	Cadmium, dissolved	4/18/2011	1.19	mg/L	02_040111_07	
Tailings Water	Cadmium, dissolved	5/13/2011	4.3	mg/L	02_050111_07	
Tailings Water	Cadmium, dissolved	6/13/2011	5.38	mg/L	02_060111_07	
Tailings Water	Cadmium, dissolved	7/22/2011	0.5610	mg/L	02_070111_07	
Tailings Water	Cadmium, dissolved	8/8/2011	2.83	mg/L	02_080111_07	
Tailings Water	Cadmium, dissolved	9/18/2011	0.9855	mg/L	02_090111_07	
Tailings Water	Cadmium, dissolved	10/10/2011	2.8	mg/L	02_100111_07	
Tailings Water	Cadmium, dissolved	11/18/2011	3.3	mg/L	02_110111_07	
Tailings Water	Cadmium, dissolved	12/12/2011	11.1	mg/L	02_120111_07	
Tailings Water	Calcium, dissolved	1/17/2011	726	mg/L	11-1009	
Tailings Water	Calcium, dissolved	2/22/2011	576	mg/L	11-1148	
Tailings Water	Calcium, dissolved	3/14/2011	577	mg/L	11-1275	
Tailings Water	Calcium, dissolved	4/18/2011	497	mg/L	02_040111_07	
Tailings Water	Calcium, dissolved	5/13/2011	470	mg/L	02_050111_07	
Tailings Water	Calcium, dissolved	6/13/2011	726	mg/L	02_060111_07	
Tailings Water	Calcium, dissolved	7/22/2011	576	mg/L	02_070111_07	
Tailings Water	Calcium, dissolved	8/8/2011	577	mg/L	02_080111_07	
Tailings Water	Calcium, dissolved	9/18/2011	48	mg/L	02_090111_07	
Tailings Water	Calcium, dissolved	10/10/2011	35	mg/L	02_100111_07	
Tailings Water	Calcium, dissolved	11/18/2011	182	mg/L	02_110111_07	
Tailings Water	Calcium, dissolved	12/12/2011	638	mg/L	02_120111_07	
Tailings Water	Chloride	1/17/2011	60	mg/L	11-1009	
Tailings Water	Chloride	2/22/2011	60	mg/L	11-1148	
Tailings Water	Chloride	3/14/2011	66	mg/L	11-1275	
Tailings Water	Chloride	4/18/2011	60	mg/L	02_040111_07	
Tailings Water	Chloride	5/13/2011	< 50	mg/L	02_050111_07	Undetected
Tailings Water	Chloride	6/13/2011	< 50	mg/L	02_060111_07	Undetected
Tailings Water	Chloride	7/22/2011	< 50	mg/L	02_070111_07	Undetected
Tailings	Chloride	8/8/2011	< 50	mg/L	02_080111_07	Undetected

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water						
Tailings Water	Chloride	9/18/2011	< 50	mg/L	02_090111_07	Undetected
Tailings Water	Chloride	10/10/2011	< 50	mg/L	02_100111_07	Undetected
Tailings Water	Chloride	11/18/2011	< 50	mg/L	02_110111_07	Undetected
Tailings Water	Chloride	12/12/2011	< 50	mg/L	02_120111_07	Undetected
Tailings Water	Conductivity, Field	1/17/2011	3480	uS/cm	TAILINGS_WATER_20110117	
Tailings Water	Conductivity, Field	2/22/2011	4866	uS/cm	TAILINGS_WATER_20110222	
Tailings Water	Conductivity, Field	3/14/2011	2627	uS/cm	TAILINGS_WATER_20110314	
Tailings Water	Conductivity, Field	5/13/2011	4545	uS/cm	02_050111_07	
Tailings Water	Conductivity, Field	6/13/2011	3719	uS/cm	02_060111_07	
Tailings Water	Conductivity, Field	7/22/2011	3439	uS/cm	02_070111_07	
Tailings Water	Conductivity, Field	8/8/2011	3720	uS/cm	02_080111_07	
Tailings Water	Conductivity, Field	8/11/2011	3840	uS/cm	02_08111_02	
Tailings Water	Conductivity, Field	9/18/2011	2632	uS/cm	02_090111_07	
Tailings Water	Conductivity, Field	10/10/2011	4141	uS/cm	02_100111_07	
Tailings Water	Conductivity, Field	11/18/2011	2886	uS/cm	02_110111_07	
Tailings Water	Conductivity, Field	12/12/2011	3082	uS/cm	02_120111_07	
Tailings Water	Copper, dissolved	1/17/2011	0.0582	mg/L	11-1009	
Tailings Water	Copper, dissolved	2/22/2011	0.034	mg/L	11-1148	
Tailings Water	Copper, dissolved	3/14/2011	0.021	mg/L	11-1275	
Tailings Water	Copper, dissolved	4/18/2011	0.0255	mg/L	02_040111_07	
Tailings Water	Copper, dissolved	5/13/2011	0.034	mg/L	02_050111_07	
Tailings Water	Copper, dissolved	6/13/2011	0.014	mg/L	02_060111_07	
Tailings Water	Copper, dissolved	7/22/2011	0.013	mg/L	02_070111_07	
Tailings Water	Copper, dissolved	8/8/2011	0.028	mg/L	02_080111_07	
Tailings Water	Copper, dissolved	9/18/2011	0.010	mg/L	02_090111_07	Analyte detected between MDL and ML
Tailings Water	Copper, dissolved	10/10/2011	0.013	mg/L	02_100111_07	
Tailings Water	Copper, dissolved	11/18/2011	< 0.5	mg/L	02_110111_07	Undetected
Tailings Water	Copper, dissolved	12/12/2011	0.012	mg/L	02_120111_07	
Tailings Water	Iron, dissolved	1/17/2011	0.1	mg/L	11-1009	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Iron, dissolved	2/22/2011	< 0.02	mg/L	11-1148	
Tailings Water	Iron, dissolved	3/14/2011	< 0.02	mg/L	11-1275	
Tailings Water	Iron, dissolved	4/18/2011	< 0.1	mg/L	02_040111_07	Undetected
Tailings Water	Iron, dissolved	5/13/2011	< 0.02	mg/L	02_050111_07	Undetected
Tailings Water	Iron, dissolved	6/13/2011	< 0.1	mg/L	02_060111_07	Undetected
Tailings Water	Iron, dissolved	7/22/2011	< 0.02	mg/L	02_070111_07	Undetected
Tailings Water	Iron, dissolved	8/8/2011	< 0.02	mg/L	02_080111_07	Undetected
Tailings Water	Iron, dissolved	9/18/2011	< 0.02	mg/L	02_090111_07	Undetected
Tailings Water	Iron, dissolved	10/10/2011	< 0.02	mg/L	02_100111_07	Undetected
Tailings Water	Iron, dissolved	11/18/2011	< 0.1	mg/L	02_110111_07	Undetected
Tailings Water	Iron, dissolved	12/12/2011	< 0.1	mg/L	02_120111_07	Undetected
Tailings Water	Lead, dissolved	1/17/2011	1.35	mg/L	11-1009	
Tailings Water	Lead, dissolved	2/22/2011	2.05	mg/L	11-1148	
Tailings Water	Lead, dissolved	3/14/2011	0.7045	mg/L	11-1275	
Tailings Water	Lead, dissolved	4/18/2011	1.1000	mg/L	02_040111_07	
Tailings Water	Lead, dissolved	5/13/2011	2.2700	mg/L	02_050111_07	
Tailings Water	Lead, dissolved	6/13/2011	3.96	mg/L	02_060111_07	
Tailings Water	Lead, dissolved	7/22/2011	2.1700	mg/L	02_070111_07	
Tailings Water	Lead, dissolved	8/8/2011	3.30	mg/L	02_080111_07	
Tailings Water	Lead, dissolved	9/18/2011	3.28	mg/L	02_090111_07	
Tailings Water	Lead, dissolved	10/10/2011	2.4500	mg/L	02_100111_07	
Tailings Water	Lead, dissolved	11/18/2011	3.3	mg/L	02_110111_07	
Tailings Water	Lead, dissolved	12/12/2011	3.7	mg/L	02_120111_07	
Tailings Water	Magnesium, dissolved	1/17/2011	237	mg/L	11-1009	
Tailings Water	Magnesium, dissolved	2/22/2011	217	mg/L	11-1148	
Tailings Water	Magnesium, dissolved	3/14/2011	218	mg/L	11-1275	
Tailings Water	Magnesium, dissolved	4/18/2011	206	mg/L	02_040111_07	
Tailings Water	Magnesium, dissolved	5/13/2011	225	mg/L	02_050111_07	
Tailings Water	Magnesium, dissolved	6/13/2011	190	mg/L	02_060111_07	
Tailings	Magnesium,	7/22/2011	219	mg/L	02_070111_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water	dissolved					
Tailings Water	Magnesium, dissolved	8/8/2011	193	mg/L	02_080111_07	
Tailings Water	Magnesium, dissolved	9/18/2011	198	mg/L	02_090111_07	
Tailings Water	Magnesium, dissolved	10/10/2011	222	mg/L	02_100111_07	
Tailings Water	Magnesium, dissolved	11/18/2011	208	mg/L	02_110111_07	
Tailings Water	Magnesium, dissolved	12/12/2011	225	mg/L	02_120111_07	
Tailings Water	Manganese, dissolved	1/17/2011	47	mg/L	11-1009	
Tailings Water	Manganese, dissolved	2/22/2011	49	mg/L	11-1148	
Tailings Water	Manganese, dissolved	3/14/2011	39.6	mg/L	11-1275	
Tailings Water	Manganese, dissolved	4/18/2011	47.9	mg/L	02_040111_07	
Tailings Water	Manganese, dissolved	5/13/2011	37.8	mg/L	02_050111_07	
Tailings Water	Manganese, dissolved	6/13/2011	43.9	mg/L	02_060111_07	
Tailings Water	Manganese, dissolved	7/22/2011	46.5	mg/L	02_070111_07	
Tailings Water	Manganese, dissolved	8/8/2011	44.7	mg/L	02_080111_07	
Tailings Water	Manganese, dissolved	9/18/2011	44.5	mg/L	02_090111_07	
Tailings Water	Manganese, dissolved	10/10/2011	43	mg/L	02_100111_07	
Tailings Water	Manganese, dissolved	11/18/2011	53.4	mg/L	02_110111_07	
Tailings Water	Manganese, dissolved	12/12/2011	56	mg/L	02_120111_07	
Tailings Water	pH, Field	1/17/2011	6.66	pH Units	TAILINGS_WATER_20110117	
Tailings Water	pH, Field	2/22/2011	7.24	pH Units	TAILINGS_WATER_20110222	
Tailings Water	pH, Field	3/14/2011	7	pH Units	TAILINGS_WATER_20110314	
Tailings Water	pH, Field	5/13/2011	6.8	pH Units	02_050111_07	
Tailings Water	pH, Field	6/13/2011	5.93	pH Units	02_060111_07	
Tailings Water	pH, Field	7/22/2011	6.66	pH Units	02_070111_07	
Tailings Water	pH, Field	8/8/2011	6.87	pH Units	02_080111_07	
Tailings Water	pH, Field	8/11/2011	6.4	pH Units	02_08111_02	
Tailings Water	pH, Field	9/18/2011	5.16	pH Units	02_090111_07	
Tailings Water	pH, Field	10/10/2011	6.46	pH Units	02_100111_07	
Tailings Water	pH, Field	11/18/2011	5.92	pH Units	02_110111_07	
Tailings Water	pH, Field	12/12/2011	6	pH Units	02_120111_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Potassium, Dissolved	1/17/2011	56.2	mg/L	11-1009	
Tailings Water	Potassium, Dissolved	2/22/2011	55.3	mg/L	11-1148	
Tailings Water	Potassium, Dissolved	3/14/2011	48.2	mg/L	11-1275	
Tailings Water	Potassium, Dissolved	4/18/2011	58	mg/L	02_040111_07	
Tailings Water	Potassium, Dissolved	5/13/2011	49.4	mg/L	02_050111_07	
Tailings Water	Potassium, Dissolved	6/13/2011	42	mg/L	02_060111_07	
Tailings Water	Potassium, Dissolved	7/22/2011	43.8	mg/L	02_070111_07	
Tailings Water	Potassium, Dissolved	8/8/2011	40.1	mg/L	02_080111_07	
Tailings Water	Potassium, Dissolved	9/18/2011	41.2	mg/L	02_090111_07	
Tailings Water	Potassium, Dissolved	10/10/2011	44.2	mg/L	02_100111_07	
Tailings Water	Potassium, Dissolved	11/18/2011	37	mg/L	02_110111_07	
Tailings Water	Potassium, Dissolved	12/12/2011	42	mg/L	02_120111_07	
Tailings Water	Sodium, dissolved	1/17/2011	151	mg/L	11-1009	
Tailings Water	Sodium, dissolved	2/22/2011	151	mg/L	11-1148	
Tailings Water	Sodium, dissolved	3/14/2011	143	mg/L	11-1275	
Tailings Water	Sodium, dissolved	4/18/2011	152	mg/L	02_040111_07	
Tailings Water	Sodium, dissolved	5/13/2011	145	mg/L	02_050111_07	
Tailings Water	Sodium, dissolved	6/13/2011	116	mg/L	02_060111_07	
Tailings Water	Sodium, dissolved	7/22/2011	135	mg/L	02_070111_07	
Tailings Water	Sodium, dissolved	8/8/2011	126	mg/L	02_080111_07	
Tailings Water	Sodium, dissolved	9/18/2011	129	mg/L	02_090111_07	
Tailings Water	Sodium, dissolved	10/10/2011	131	mg/L	02_100111_07	
Tailings Water	Sodium, dissolved	11/18/2011	129	mg/L	02_110111_07	
Tailings Water	Sodium, dissolved	12/12/2011	137	mg/L	02_120111_07	
Tailings Water	Sulfate	1/17/2011	3260	mg/L	11-1009	
Tailings Water	Sulfate	2/22/2011	4510	mg/L	11-1148	
Tailings Water	Sulfate	3/14/2011	3070	mg/L	11-1275	
Tailings Water	Sulfate	4/18/2011	3190	mg/L	02_040111_07	
Tailings Water	Sulfate	5/13/2011	3890	mg/L	02_050111_07	
Tailings	Sulfate	6/13/2011	3780	mg/L	02_060111_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Water						
Tailings Water	Sulfate	7/22/2011	2810	mg/L	02_070111_07	
Tailings Water	Sulfate	8/8/2011	3030	mg/L	02_080111_07	
Tailings Water	Sulfate	9/18/2011	3100	mg/L	02_090111_07	
Tailings Water	Sulfate	10/10/2011	3660.0	mg/L	02_100111_07	
Tailings Water	Sulfate	11/18/2011	3593	mg/L	02_110111_07	
Tailings Water	Sulfate	12/12/2011	4280	mg/L	02_120111_07	
Tailings Water	Temperature, Field	5/13/2011	20.65	°C	02_050111_07	
Tailings Water	Temperature, Field	6/13/2011	13.75	°C	02_060111_07	
Tailings Water	Temperature, Field	7/22/2011	28.1	°C	02_070111_07	
Tailings Water	Temperature, Field	8/8/2011	24.8	°C	02_080111_07	
Tailings Water	Temperature, Field	8/11/2011	28.1	°C	02_08111_02	
Tailings Water	Temperature, Field	9/18/2011	3.8	°C	02_090111_07	
Tailings Water	Temperature, Field	10/10/2011	17.2	°C	02_100111_07	
Tailings Water	Temperature, Field	11/18/2011	6.21	°C	02_110111_07	
Tailings Water	Temperature, Field	12/12/2011	4.8	°C	02_120111_07	
Tailings Water	Temperature, Water	1/17/2011	17.1	°C	TAILINGS_WATER_20110117	
Tailings Water	Temperature, Water	2/22/2011	17.81	°C	TAILINGS_WATER_20110222	
Tailings Water	Temperature, Water	3/14/2011	5.92	°C	TAILINGS_WATER_20110314	
Tailings Water	Total Dissolved Solids	1/17/2011	5050	mg/L	11-1009	
Tailings Water	Total Dissolved Solids	2/22/2011	7270	mg/L	11-1148	
Tailings Water	Total Dissolved Solids	3/14/2011	4910	mg/L	11-1275	
Tailings Water	Total Dissolved Solids	4/18/2011	4960	mg/L	02_040111_07	
Tailings Water	Total Dissolved Solids	5/13/2011	6310	mg/L	02_050111_07	
Tailings Water	Total Dissolved Solids	6/13/2011	5630	mg/L	02_060111_07	
Tailings Water	Total Dissolved Solids	7/22/2011	4590	mg/L	02_070111_07	
Tailings Water	Total Dissolved Solids	8/8/2011	5000	mg/L	02_080111_07	
Tailings Water	Total Dissolved Solids	9/18/2011	4790	mg/L	02_090111_07	
Tailings Water	Total Dissolved Solids	10/10/2011	5540	mg/L	02_100111_07	
Tailings Water	Total Dissolved Solids	11/18/2011	5720	mg/L	02_110111_07	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Tailings Water	Total Dissolved Solids	12/12/2011	6830	mg/L	02_120111_07	
Tailings Water	Zinc, dissolved	1/17/2011	368	mg/L	11-1009	
Tailings Water	Zinc, dissolved	2/22/2011	1160	mg/L	11-1148	
Tailings Water	Zinc, dissolved	3/14/2011	326	mg/L	11-1275	
Tailings Water	Zinc, dissolved	4/18/2011	365	mg/L	02_040111_07	
Tailings Water	Zinc, dissolved	5/13/2011	805	mg/L	02_050111_07	
Tailings Water	Zinc, dissolved	6/13/2011	761	mg/L	02_060111_07	
Tailings Water	Zinc, dissolved	7/22/2011	261	mg/L	02_070111_07	
Tailings Water	Zinc, dissolved	8/8/2011	370	mg/L	02_080111_07	
Tailings Water	Zinc, dissolved	9/18/2011	369	mg/L	02_090111_07	
Tailings Water	Zinc, dissolved	10/10/2011	647	mg/L	02_100111_07	
Tailings Water	Zinc, dissolved	11/18/2011	722	mg/L	02_110111_07	
Tailings Water	Zinc, dissolved	12/12/2011	1220	mg/L	02_120111_07	
West Sump	Acidity as CaCO3	1/23/2011	10	mg/L	11-1074	
West Sump	Acidity as CaCO3	2/11/2011	< 10	mg/L	11-1125	
West Sump	Acidity as CaCO3	3/20/2011	< 10	mg/L	11-1282	
West Sump	Acidity as CaCO3	5/13/2011	< 10	mg/L	02_050111_03	Undetected
West Sump	Acidity as CaCO3	6/3/2011	< 10	mg/L	02_060111_03	Undetected
West Sump	Acidity as CaCO3	7/15/2011	< 10	mg/L	02_070111_03	Undetected
West Sump	Acidity as CaCO3	8/8/2011	< 10	mg/L	02_080111_03	Undetected
West Sump	Acidity as CaCO3	9/20/2011	< 10	mg/L	02_090111_03	Undetected
West Sump	Acidity as CaCO3	10/23/2011	< 10	mg/L	02_100111_03	Undetected
West Sump	Acidity as CaCO3	11/17/2011	< 10	mg/L	02_110111_03	Undetected
West Sump	Acidity as CaCO3	12/26/2011	< 10	mg/L	02_120111_03	Undetected
West Sump	Aluminum, dissolved	1/23/2011	0.005	mg/L	11-1074	
West Sump	Aluminum, dissolved	2/11/2011	0.007	mg/L	11-1125	
West Sump	Aluminum, dissolved	3/20/2011	0.003	mg/L	11-1282	
West Sump	Aluminum, dissolved	5/13/2011	< 0.03	mg/L	02_050111_03	Undetected
West Sump	Aluminum, dissolved	6/3/2011	< 0.03	mg/L	02_060111_03	Undetected
West	Aluminum,	7/15/2011	< 0.03	mg/L	02_070111_03	Undetected

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	dissolved					
West Sump	Aluminum, dissolved	8/8/2011	0.06	mg/L	02_080111_03	Analyte detected between MDL and ML
West Sump	Aluminum, dissolved	9/20/2011	< 0.03	mg/L	02_090111_03	Undetected
West Sump	Aluminum, dissolved	10/23/2011	< 0.03	mg/L	02_100111_03	Undetected
West Sump	Aluminum, dissolved	11/17/2011	< 0.03	mg/L	02_110111_03	Undetected
West Sump	Aluminum, dissolved	12/26/2011	< 0.03	mg/L	02_120111_03	Undetected
West Sump	Ammonia (As N)	1/23/2011	0.1	mg/L	11-1074	
West Sump	Ammonia (As N)	2/11/2011	< 0.1	mg/L	11-1125	
West Sump	Ammonia (As N)	3/20/2011	0.5	mg/L	11-1282	
West Sump	Ammonia (As N)	5/13/2011	< 0.1	mg/L	02_050111_03	Undetected
West Sump	Ammonia (As N)	6/3/2011	< 0.1	mg/L	02_060111_03	Undetected
West Sump	Ammonia (As N)	7/15/2011	< 0.1	mg/L	02_070111_03	Undetected
West Sump	Ammonia (As N)	8/8/2011	< 0.1	mg/L	02_080111_03	Undetected
West Sump	Ammonia (As N)	9/20/2011	< 0.1	mg/L	02_090111_03	Undetected
West Sump	Ammonia (As N)	10/23/2011	0.1	mg/L	02_100111_03	Analyte detected between MDL and ML
West Sump	Ammonia (As N)	11/17/2011	0.1	mg/L	02_110111_03	Analyte detected between MDL and ML
West Sump	Ammonia (As N)	12/26/2011	< 0.2	mg/L	02_120111_03	Undetected
West Sump	Cadmium, dissolved	1/23/2011	0.0018	mg/L	11-1074	
West Sump	Cadmium, dissolved	2/11/2011	0.0008	mg/L	11-1125	
West Sump	Cadmium, dissolved	3/20/2011	0.0023	mg/L	11-1282	
West Sump	Cadmium, dissolved	5/13/2011	0.0016	mg/L	02_050111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	6/3/2011	0.0011	mg/L	02_060111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	7/15/2011	0.0002	mg/L	02_070111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	8/8/2011	0.0004	mg/L	02_080111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	9/20/2011	0.0002	mg/L	02_090111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	10/23/2011	0.0005	mg/L	02_100111_03	Analyte detected between MDL and ML
West Sump	Cadmium, dissolved	11/17/2011	0.0006	mg/L	02_110111_03	
West Sump	Cadmium, dissolved	12/26/2011	0.0007	mg/L	02_120111_03	
West Sump	Calcium, dissolved	1/23/2011	48	mg/L	11-1074	
West Sump	Calcium, dissolved	2/11/2011	35	mg/L	11-1125	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Calcium, dissolved	3/20/2011	182	mg/L	11-1282	
West Sump	Calcium, dissolved	5/13/2011	156	mg/L	02_050111_03	
West Sump	Calcium, dissolved	6/3/2011	172	mg/L	02_060111_03	
West Sump	Calcium, dissolved	7/15/2011	30.7	mg/L	02_070111_03	
West Sump	Calcium, dissolved	8/8/2011	23.3	mg/L	02_080111_03	
West Sump	Calcium, dissolved	9/20/2011	17.9	mg/L	02_090111_03	
West Sump	Calcium, dissolved	10/23/2011	58.7	mg/L	02_100111_03	
West Sump	Calcium, dissolved	11/17/2011	43.6	mg/L	02_110111_03	
West Sump	Calcium, dissolved	12/26/2011	38.0	mg/L	02_120111_03	
West Sump	Chloride	1/23/2011	1	mg/L	11-1074	
West Sump	Chloride	2/11/2011	< 1	mg/L	11-1125	
West Sump	Chloride	3/20/2011	3	mg/L	11-1282	
West Sump	Chloride	5/13/2011	15	mg/L	02_050111_03	Analyte detected between MDL and ML
West Sump	Chloride	6/3/2011	6.1	mg/L	02_060111_03	
West Sump	Chloride	7/15/2011	1.1	mg/L	02_070111_03	Analyte detected between MDL and ML
West Sump	Chloride	8/8/2011	1	mg/L	02_080111_03	Analyte detected between MDL and ML
West Sump	Chloride	9/20/2011	1	mg/L	02_090111_03	Analyte detected between MDL and ML
West Sump	Chloride	10/23/2011	1.78	mg/L	02_100111_03	Analyte detected between MDL and ML
West Sump	Chloride	11/17/2011	1.49	mg/L	02_110111_03	Analyte detected between MDL and ML
West Sump	Chloride	12/26/2011	1.49	mg/L	02_120111_03	Analyte detected between MDL and ML
West Sump	Conductivity, Field	1/23/2011	316	uS/cm	WEST_SUMP_20110123	
West Sump	Conductivity, Field	2/11/2011	253	uS/cm	WEST_SUMP_20110211	
West Sump	Conductivity, Field	3/20/2011	982	uS/cm	WEST_SUMP_20110320	
West Sump	Conductivity, Field	5/13/2011	830	uS/cm	02_050111_03	
West Sump	Conductivity, Field	6/3/2011	811	uS/cm	02_060111_03	
West Sump	Conductivity, Field	7/15/2011	320	uS/cm	02_070111_03	
West Sump	Conductivity, Field	8/8/2011	215	uS/cm	02_080111_03	
West Sump	Conductivity, Field	9/20/2011	129	uS/cm	02_090111_03	
West Sump	Conductivity, Field	10/23/2011	583	uS/cm	02_100111_03	
West	Conductivity,	11/17/2011	273	uS/cm	02_110111_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	Field					
West Sump	Conductivity, Field	12/26/2011	446	uS/cm	02_120111_03	
West Sump	Copper, dissolved	1/23/2011	0.001	mg/L	11-1074	
West Sump	Copper, dissolved	2/11/2011	0.0009	mg/L	11-1125	
West Sump	Copper, dissolved	3/20/2011	0.0017	mg/L	11-1282	
West Sump	Copper, dissolved	5/13/2011	0.0052	mg/L	02_050111_03	
West Sump	Copper, dissolved	6/3/2011	< 0.003	mg/L	02_060111_03	Undetected
West Sump	Copper, dissolved	7/15/2011	< 0.0005	mg/L	02_070111_03	Undetected
West Sump	Copper, dissolved	8/8/2011	0.0013	mg/L	02_080111_03	Analyte detected between MDL and ML
West Sump	Copper, dissolved	9/20/2011	0.0009	mg/L	02_090111_03	Analyte detected between MDL and ML
West Sump	Copper, dissolved	10/23/2011	0.0006	mg/L	02_100111_03	Analyte detected between MDL and ML
West Sump	Copper, dissolved	11/17/2011	< 0.005	mg/L	02_110111_03	Undetected
West Sump	Copper, dissolved	12/26/2011	0.0007	mg/L	02_120111_03	Analyte detected between MDL and ML
West Sump	Cyanide, WAD	1/23/2011	0.000003	mg/L	11-1074	
West Sump	Cyanide, WAD	2/11/2011	< 0.000003	mg/L	11-1125	
West Sump	Cyanide, WAD	3/20/2011	< 0.000003	mg/L	11-1282	
West Sump	Cyanide, WAD	5/13/2011	< 0.003	mg/L	02_050111_03	Undetected
West Sump	Cyanide, WAD	6/3/2011	< 0.003	mg/L	02_060111_03	Undetected
West Sump	Cyanide, WAD	7/15/2011	< 0.003	mg/L	02_070111_03	Undetected
West Sump	Cyanide, WAD	8/8/2011	< 0.003	mg/L	02_080111_03	Undetected
West Sump	Cyanide, WAD	9/20/2011	< 0.003	mg/L	02_090111_03	Undetected
West Sump	Cyanide, WAD	10/23/2011	< 0.003	mg/L	02_100111_03	
West Sump	Cyanide, WAD	11/17/2011	< 0.003	mg/L	02_110111_03	Undetected
West Sump	Cyanide, WAD	12/26/2011	< 0.003	mg/L	02_120111_03	Undetected
West Sump	Iron, dissolved	1/23/2011	0.62	mg/L	11-1074	
West Sump	Iron, dissolved	2/11/2011	0.45	mg/L	11-1125	
West Sump	Iron, dissolved	3/20/2011	9.52	mg/L	11-1282	
West Sump	Iron, dissolved	5/13/2011	0.39	mg/L	02_050111_03	
West Sump	Iron, dissolved	6/3/2011	0.54	mg/L	02_060111_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Iron, dissolved	7/15/2011	0.28	mg/L	02_070111_03	
West Sump	Iron, dissolved	8/8/2011	0.16	mg/L	02_080111_03	
West Sump	Iron, dissolved	9/20/2011	0.16	mg/L	02_090111_03	
West Sump	Iron, dissolved	10/23/2011	1.05	mg/L	02_100111_03	
West Sump	Iron, dissolved	11/17/2011	1.31	mg/L	02_110111_03	
West Sump	Iron, dissolved	12/26/2011	0.08	mg/L	02_120111_03	
West Sump	Lead, dissolved	1/23/2011	0.0004	mg/L	11-1074	
West Sump	Lead, dissolved	2/11/2011	0.0001	mg/L	11-1125	
West Sump	Lead, dissolved	3/20/2011	< 0.0001	mg/L	11-1282	
West Sump	Lead, dissolved	5/13/2011	0.0115	mg/L	02_050111_03	
West Sump	Lead, dissolved	6/3/2011	< 0.0005	mg/L	02_060111_03	Undetected
West Sump	Lead, dissolved	7/15/2011	0.0003	mg/L	02_070111_03	Analyte detected between MDL and ML
West Sump	Lead, dissolved	8/8/2011	0.0002	mg/L	02_080111_03	Analyte detected between MDL and ML
West Sump	Lead, dissolved	9/20/2011	0.0003	mg/L	02_090111_03	Analyte detected between MDL and ML
West Sump	Lead, dissolved	10/23/2011	0.0002	mg/L	02_100111_03	Analyte detected between MDL and ML
West Sump	Lead, dissolved	11/17/2011	0.0002	mg/L	02_110111_03	Analyte detected between MDL and ML
West Sump	Lead, dissolved	12/26/2011	0.0001	mg/L	02_120111_03	Analyte detected between MDL and ML
West Sump	Magnesium, dissolved	1/23/2011	31.9	mg/L	11-1074	
West Sump	Magnesium, dissolved	2/11/2011	22	mg/L	11-1125	
West Sump	Magnesium, dissolved	3/20/2011	131	mg/L	11-1282	
West Sump	Magnesium, dissolved	5/13/2011	147	mg/L	02_050111_03	
West Sump	Magnesium, dissolved	6/3/2011	111	mg/L	02_060111_03	
West Sump	Magnesium, dissolved	7/15/2011	22.3	mg/L	02_070111_03	
West Sump	Magnesium, dissolved	8/8/2011	16.8	mg/L	02_080111_03	
West Sump	Magnesium, dissolved	9/20/2011	12.7	mg/L	02_090111_03	
West Sump	Magnesium, dissolved	10/23/2011	45.9	mg/L	02_100111_03	
West Sump	Magnesium, dissolved	11/17/2011	31.5	mg/L	02_110111_03	
West Sump	Magnesium, dissolved	12/26/2011	25.5	mg/L	02_120111_03	
West Sump	Manganese, dissolved	1/23/2011	0.543	mg/L	11-1074	
West	Manganese,	2/11/2011	0.352	mg/L	11-1125	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	dissolved					
West Sump	Manganese, dissolved	3/20/2011	16.1	mg/L	11-1282	
West Sump	Manganese, dissolved	5/13/2011	0.627	mg/L	02_050111_03	
West Sump	Manganese, dissolved	6/3/2011	0.223	mg/L	02_060111_03	
West Sump	Manganese, dissolved	7/15/2011	0.0617	mg/L	02_070111_03	
West Sump	Manganese, dissolved	8/8/2011	0.0188	mg/L	02_080111_03	
West Sump	Manganese, dissolved	9/20/2011	0.0386	mg/L	02_090111_03	
West Sump	Manganese, dissolved	10/23/2011	0.336	mg/L	02_100111_03	
West Sump	Manganese, dissolved	11/17/2011	0.503	mg/L	02_110111_03	
West Sump	Manganese, dissolved	12/26/2011	0.209	mg/L	02_120111_03	
West Sump	pH, Field	1/23/2011	6.6	pH Units	WEST_SUMP_20110123	
West Sump	pH, Field	2/11/2011	8.76	pH Units	WEST_SUMP_20110211	
West Sump	pH, Field	3/20/2011	6.45	pH Units	WEST_SUMP_20110320	
West Sump	pH, Field	5/13/2011	6.68	pH Units	02_050111_03	
West Sump	pH, Field	6/3/2011	6.71	pH Units	02_060111_03	
West Sump	pH, Field	7/15/2011	7.02	pH Units	02_070111_03	
West Sump	pH, Field	8/8/2011	7.35	pH Units	02_080111_03	
West Sump	pH, Field	9/20/2011	7.98	pH Units	02_090111_03	
West Sump	pH, Field	10/23/2011	8.2	pH Units	02_100111_03	
West Sump	pH, Field	11/17/2011	7.95	pH Units	02_110111_03	
West Sump	pH, Field	12/26/2011	7.01	pH Units	02_120111_03	
West Sump	Potassium, Dissolved	1/23/2011	0.5	mg/L	11-1074	
West Sump	Potassium, Dissolved	2/11/2011	0.7	mg/L	11-1125	
West Sump	Potassium, Dissolved	3/20/2011	1.5	mg/L	11-1282	
West Sump	Potassium, Dissolved	5/13/2011	4.6	mg/L	02_050111_03	
West Sump	Potassium, Dissolved	6/3/2011	1.1	mg/L	02_060111_03	Analyte detected between MDL and ML
West Sump	Potassium, Dissolved	7/15/2011	< 0.3	mg/L	02_070111_03	Undetected
West Sump	Potassium, Dissolved	8/8/2011	< 0.3	mg/L	02_080111_03	Undetected
West Sump	Potassium, Dissolved	9/20/2011	0.3	mg/L	02_090111_03	Analyte detected between MDL and ML
West Sump	Potassium, Dissolved	10/23/2011	0.5	mg/L	02_100111_03	Analyte detected between MDL and ML

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
West Sump	Potassium, Dissolved	11/17/2011	0.5	mg/L	02_110111_03	Analyte detected between MDL and ML
West Sump	Potassium, Dissolved	12/26/2011	0.5	mg/L	02_120111_03	Analyte detected between MDL and ML
West Sump	Sodium, dissolved	1/23/2011	6.1	mg/L	11-1074	
West Sump	Sodium, dissolved	2/11/2011	6	mg/L	11-1125	
West Sump	Sodium, dissolved	3/20/2011	8.1	mg/L	11-1282	
West Sump	Sodium, dissolved	5/13/2011	5.4	mg/L	02_050111_03	
West Sump	Sodium, dissolved	6/3/2011	3.6	mg/L	02_060111_03	
West Sump	Sodium, dissolved	7/15/2011	3.4	mg/L	02_070111_03	
West Sump	Sodium, dissolved	8/8/2011	3.3	mg/L	02_080111_03	
West Sump	Sodium, dissolved	9/20/2011	3.5	mg/L	02_090111_03	
West Sump	Sodium, dissolved	10/23/2011	4.8	mg/L	02_100111_03	
West Sump	Sodium, dissolved	11/17/2011	4.8	mg/L	02_110111_03	
West Sump	Sodium, dissolved	12/26/2011	4.9	mg/L	02_120111_03	
West Sump	Sulfate	1/23/2011	140	mg/L	11-1074	
West Sump	Sulfate	2/11/2011	70	mg/L	11-1125	
West Sump	Sulfate	3/20/2011	720	mg/L	11-1282	
West Sump	Sulfate	5/13/2011	748	mg/L	02_050111_03	
West Sump	Sulfate	6/3/2011	630	mg/L	02_060111_03	
West Sump	Sulfate	7/15/2011	135	mg/L	02_070111_03	
West Sump	Sulfate	8/8/2011	101	mg/L	02_080111_03	
West Sump	Sulfate	9/20/2011	79	mg/L	02_090111_03	
West Sump	Sulfate	10/23/2011	242.653	mg/L	02_100111_03	
West Sump	Sulfate	11/17/2011	176.94	mg/L	02_110111_03	
West Sump	Sulfate	12/26/2011	103.94	mg/L	02_120111_03	
West Sump	Temperature, Field	5/13/2011	1.43	°C	02_050111_03	
West Sump	Temperature, Field	6/3/2011	3.80	°C	02_060111_03	
West Sump	Temperature, Field	7/15/2011	9.36	°C	02_070111_03	
West Sump	Temperature, Field	8/8/2011	5.86	°C	02_080111_03	
West Sump	Temperature, Field	9/20/2011	4.14	°C	02_090111_03	
West	Temperature,	10/23/2011	1.95	°C	02_100111_03	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Sump	Field					
West Sump	Temperature, Field	11/17/2011	1.11	°C	02_110111_03	
West Sump	Temperature, Field	12/26/2011	17.43	°C	02_120111_03	
West Sump	Temperature, Water	1/23/2011	0.95	°C	WEST_SUMP_20110123	
West Sump	Temperature, Water	2/11/2011	1.52	°C	WEST_SUMP_20110211	
West Sump	Temperature, Water	3/20/2011	7.12	°C	WEST_SUMP_20110320	
West Sump	Total Dissolved Solids	1/23/2011	290	mg/L	11-1074	
West Sump	Total Dissolved Solids	2/11/2011	170	mg/L	11-1125	
West Sump	Total Dissolved Solids	3/20/2011	1220	mg/L	11-1282	
West Sump	Total Dissolved Solids	5/13/2011	1300	mg/L	02_050111_03	
West Sump	Total Dissolved Solids	6/3/2011	1050	mg/L	02_060111_03	
West Sump	Total Dissolved Solids	7/15/2011	250	mg/L	02_070111_03	
West Sump	Total Dissolved Solids	8/8/2011	200	mg/L	02_080111_03	
West Sump	Total Dissolved Solids	9/20/2011	130	mg/L	02_090111_03	
West Sump	Total Dissolved Solids	10/23/2011	440	mg/L	02_100111_03	
West Sump	Total Dissolved Solids	11/17/2011	310	mg/L	02_110111_03	
West Sump	Total Dissolved Solids	12/26/2011	240	mg/L	02_120111_03	
West Sump	Zinc, dissolved	1/23/2011	1.04	mg/L	11-1074	
West Sump	Zinc, dissolved	2/11/2011	0.608	mg/L	11-1125	
West Sump	Zinc, dissolved	3/20/2011	1.4	mg/L	11-1282	
West Sump	Zinc, dissolved	5/13/2011	0.618	mg/L	02_050111_03	
West Sump	Zinc, dissolved	6/3/2011	1.01	mg/L	02_060111_03	
West Sump	Zinc, dissolved	7/15/2011	0.228	mg/L	02_070111_03	
West Sump	Zinc, dissolved	8/8/2011	0.159	mg/L	02_080111_03	
West Sump	Zinc, dissolved	9/20/2011	0.149	mg/L	02_090111_03	
West Sump	Zinc, dissolved	10/23/2011	0.550	mg/L	02_100111_03	
West Sump	Zinc, dissolved	11/17/2011	0.585	mg/L	02_110111_03	
West Sump	Zinc, dissolved	12/26/2011	0.519	mg/L	02_120111_03	
WTP3 Effluent	Acidity as CaCO3	5/28/2011	10	mg/L	02_050111_06	Analyte detected between MDL and ML
WTP3 Effluent	Acidity as CaCO3	6/13/2011	< 10	mg/L	02_060111_06	Undetected

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	Acidity as CaCO3	7/22/2011	< 10	mg/L	02_070111_06	Undetected
WTP3 Effluent	Acidity as CaCO3	8/8/2011	< 10	mg/L	02_080111_06	Undetected
WTP3 Effluent	Acidity as CaCO3	9/18/2011	< 10	mg/L	02_090111_06	Undetected
WTP3 Effluent	Aluminum, dissolved	5/28/2011	0.008	mg/L	02_050111_06	Analyte detected between MDL and ML
WTP3 Effluent	Aluminum, dissolved	6/13/2011	< 0.06	mg/L	02_060111_06	Undetected
WTP3 Effluent	Aluminum, dissolved	7/22/2011	0.21	mg/L	02_070111_06	
WTP3 Effluent	Aluminum, dissolved	8/8/2011	< 0.2	mg/L	02_080111_06	Undetected
WTP3 Effluent	Aluminum, dissolved	9/18/2011	0.15	mg/L	02_090111_06	Analyte detected between MDL and ML
WTP3 Effluent	Ammonia (As N)	5/28/2011	0.6	mg/L	02_050111_06	
WTP3 Effluent	Ammonia (As N)	6/13/2011	1.3	mg/L	02_060111_06	
WTP3 Effluent	Ammonia (As N)	7/22/2011	1.3	mg/L	02_070111_06	
WTP3 Effluent	Ammonia (As N)	8/8/2011	1.3	mg/L	02_080111_06	
WTP3 Effluent	Ammonia (As N)	9/18/2011	1.5	mg/L	02_090111_06	
WTP3 Effluent	Cadmium, dissolved	5/28/2011	0.0026	mg/L	02_050111_06	
WTP3 Effluent	Cadmium, dissolved	6/13/2011	0.0613	mg/L	02_060111_06	
WTP3 Effluent	Cadmium, dissolved	7/22/2011	0.0138	mg/L	02_070111_06	
WTP3 Effluent	Cadmium, dissolved	8/8/2011	0.0058	mg/L	02_080111_06	
WTP3 Effluent	Cadmium, dissolved	9/18/2011	0.0075	mg/L	02_090111_06	
WTP3 Effluent	Calcium, dissolved	5/28/2011	773	mg/L	02_050111_06	
WTP3 Effluent	Calcium, dissolved	6/13/2011	760	mg/L	02_060111_06	
WTP3 Effluent	Calcium, dissolved	7/22/2011	1270	mg/L	02_070111_06	
WTP3 Effluent	Calcium, dissolved	8/8/2011	1360	mg/L	02_080111_06	
WTP3 Effluent	Calcium, dissolved	9/18/2011	788	mg/L	02_090111_06	
WTP3 Effluent	Chloride	5/28/2011	10	mg/L	02_050111_06	Analyte detected between MDL and ML
WTP3 Effluent	Chloride	6/13/2011	< 30	mg/L	02_060111_06	Undetected
WTP3 Effluent	Chloride	7/22/2011	6	mg/L	02_070111_06	Analyte detected between MDL and ML
WTP3 Effluent	Chloride	8/8/2011	7	mg/L	02_080111_06	Analyte detected between MDL and ML
WTP3 Effluent	Chloride	9/18/2011	< 30	mg/L	02_090111_06	Undetected
WTP3 Effluent	Conductivity, Field	6/13/2011	2868	uS/cm	02_060111_06	
WTP3	Conductivity,	7/22/2011	3470	uS/cm	02_070111_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Effluent	Field					
WTP3 Effluent	Conductivity, Field	8/8/2011	2971	uS/cm	02_080111_06	
WTP3 Effluent	Conductivity, Field	8/11/2011	4200	uS/cm	02_08111_01	
WTP3 Effluent	Conductivity, Field	9/18/2011	1803	uS/cm	02_090111_06	
WTP3 Effluent	Copper, dissolved	5/28/2011	0.004	mg/L	02_050111_06	Analyte detected between MDL and ML
WTP3 Effluent	Copper, dissolved	6/13/2011	0.004	mg/L	02_060111_06	Analyte detected between MDL and ML
WTP3 Effluent	Copper, dissolved	7/22/2011	0.009	mg/L	02_070111_06	
WTP3 Effluent	Copper, dissolved	8/8/2011	0.006	mg/L	02_080111_06	Analyte detected between MDL and ML
WTP3 Effluent	Copper, dissolved	9/18/2011	0.006	mg/L	02_090111_06	
WTP3 Effluent	Iron, dissolved	5/28/2011	0.30	mg/L	02_050111_06	
WTP3 Effluent	Iron, dissolved	6/13/2011	< 0.04	mg/L	02_060111_06	Undetected
WTP3 Effluent	Iron, dissolved	7/22/2011	0.68	mg/L	02_070111_06	
WTP3 Effluent	Iron, dissolved	8/8/2011	< 0.1	mg/L	02_080111_06	Undetected
WTP3 Effluent	Iron, dissolved	9/18/2011	< 0.02	mg/L	02_090111_06	Undetected
WTP3 Effluent	Lead, dissolved	5/28/2011	0.0025	mg/L	02_050111_06	
WTP3 Effluent	Lead, dissolved	6/13/2011	0.0116	mg/L	02_060111_06	
WTP3 Effluent	Lead, dissolved	7/22/2011	0.0063	mg/L	02_070111_06	
WTP3 Effluent	Lead, dissolved	8/8/2011	0.0013	mg/L	02_080111_06	Analyte detected between MDL and ML
WTP3 Effluent	Lead, dissolved	9/18/2011	0.0043	mg/L	02_090111_06	
WTP3 Effluent	Magnesium, dissolved	5/28/2011	8.3	mg/L	02_050111_06	
WTP3 Effluent	Magnesium, dissolved	6/13/2011	114	mg/L	02_060111_06	
WTP3 Effluent	Magnesium, dissolved	7/22/2011	23.5	mg/L	02_070111_06	
WTP3 Effluent	Magnesium, dissolved	8/8/2011	12	mg/L	02_080111_06	
WTP3 Effluent	Magnesium, dissolved	9/18/2011	17	mg/L	02_090111_06	
WTP3 Effluent	Manganese, dissolved	5/28/2011	< 0.001	mg/L	02_050111_06	Undetected
WTP3 Effluent	Manganese, dissolved	6/13/2011	0.686	mg/L	02_060111_06	
WTP3 Effluent	Manganese, dissolved	7/22/2011	0.099	mg/L	02_070111_06	
WTP3 Effluent	Manganese, dissolved	8/8/2011	0.009	mg/L	02_080111_06	Analyte detected between MDL and ML
WTP3 Effluent	Manganese, dissolved	9/18/2011	0.018	mg/L	02_090111_06	
WTP3 Effluent	pH, Field	6/13/2011	7.4	pH Units	02_060111_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Effluent	pH, Field	7/22/2011	9.66	pH Units	02_070111_06	
WTP3 Effluent	pH, Field	8/8/2011	10.07	pH Units	02_080111_06	
WTP3 Effluent	pH, Field	8/11/2011	9.75	pH Units	02_08111_01	
WTP3 Effluent	pH, Field	9/18/2011	6.04	pH Units	02_090111_06	
WTP3 Effluent	Potassium, Dissolved	5/28/2011	4.1	mg/L	02_050111_06	
WTP3 Effluent	Potassium, Dissolved	6/13/2011	4.9	mg/L	02_060111_06	
WTP3 Effluent	Potassium, Dissolved	7/22/2011	5.7	mg/L	02_070111_06	
WTP3 Effluent	Potassium, Dissolved	8/8/2011	8.4	mg/L	02_080111_06	
WTP3 Effluent	Potassium, Dissolved	9/18/2011	7.0	mg/L	02_090111_06	
WTP3 Effluent	Sodium, dissolved	5/28/2011	14.8	mg/L	02_050111_06	
WTP3 Effluent	Sodium, dissolved	6/13/2011	37.8	mg/L	02_060111_06	
WTP3 Effluent	Sodium, dissolved	7/22/2011	46.5	mg/L	02_070111_06	
WTP3 Effluent	Sodium, dissolved	8/8/2011	60.2	mg/L	02_080111_06	
WTP3 Effluent	Sodium, dissolved	9/18/2011	30.1	mg/L	02_090111_06	
WTP3 Effluent	Sulfate	5/28/2011	1790	mg/L	02_050111_06	
WTP3 Effluent	Sulfate	6/13/2011	2560	mg/L	02_060111_06	
WTP3 Effluent	Sulfate	7/22/2011	2180	mg/L	02_070111_06	
WTP3 Effluent	Sulfate	8/8/2011	2360	mg/L	02_080111_06	
WTP3 Effluent	Sulfate	9/18/2011	1960	mg/L	02_090111_06	
WTP3 Effluent	Temperature, Field	6/13/2011	16.18	°C	02_060111_06	
WTP3 Effluent	Temperature, Field	7/22/2011	16.5	°C	02_070111_06	
WTP3 Effluent	Temperature, Field	8/8/2011	13.4	°C	02_080111_06	
WTP3 Effluent	Temperature, Field	8/11/2011	12	°C	02_08111_01	
WTP3 Effluent	Temperature, Field	9/18/2011	3.9	°C	02_090111_06	
WTP3 Effluent	Total Dissolved Solids	5/28/2011	2830	mg/L	02_050111_06	
WTP3 Effluent	Total Dissolved Solids	6/13/2011	3610	mg/L	02_060111_06	
WTP3 Effluent	Total Dissolved Solids	7/22/2011	3480	mg/L	02_070111_06	
WTP3 Effluent	Total Dissolved Solids	8/8/2011	4570	mg/L	02_080111_06	
WTP3 Effluent	Total Dissolved Solids	9/18/2011	2910	mg/L	02_090111_06	
WTP3	Zinc, dissolved	5/28/2011	0.068	mg/L	02_050111_06	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Effluent						
WTP3 Effluent	Zinc, dissolved	6/13/2011	0.18	mg/L	02_060111_06	
WTP3 Effluent	Zinc, dissolved	7/22/2011	0.055	mg/L	02_070111_06	
WTP3 Effluent	Zinc, dissolved	8/8/2011	0.03	mg/L	02_080111_06	Analyte detected between MDL and ML
WTP3 Effluent	Zinc, dissolved	9/18/2011	0.052	mg/L	02_090111_06	
WTP3 Influent	Acidity as CaCO3	5/28/2011	24300	mg/L	02_050111_04	
WTP3 Influent	Acidity as CaCO3	6/13/2011	24400	mg/L	02_060111_04	
WTP3 Influent	Acidity as CaCO3	7/22/2011	27200	mg/L	02_070111_04	
WTP3 Influent	Acidity as CaCO3	8/14/2011	32400	mg/L	02_080111_04	
WTP3 Influent	Acidity as CaCO3	9/18/2011	28900	mg/L	02_090111_04	
WTP3 Influent	Aluminum, dissolved	5/28/2011	880	mg/L	02_050111_04	
WTP3 Influent	Aluminum, dissolved	6/13/2011	714	mg/L	02_060111_04	
WTP3 Influent	Aluminum, dissolved	7/22/2011	423	mg/L	02_070111_04	
WTP3 Influent	Aluminum, dissolved	8/14/2011	865	mg/L	02_080111_04	
WTP3 Influent	Aluminum, dissolved	9/18/2011	947	mg/L	02_090111_04	
WTP3 Influent	Ammonia (As N)	5/28/2011	2.2	mg/L	02_050111_04	
WTP3 Influent	Ammonia (As N)	6/13/2011	4.8	mg/L	02_060111_04	
WTP3 Influent	Ammonia (As N)	7/22/2011	5	mg/L	02_070111_04	Analyte detected between MDL and ML
WTP3 Influent	Ammonia (As N)	8/14/2011	3	mg/L	02_080111_04	Analyte detected between MDL and ML
WTP3 Influent	Ammonia (As N)	9/18/2011	5	mg/L	02_090111_04	
WTP3 Influent	Cadmium, dissolved	5/28/2011	78	mg/L	02_050111_04	
WTP3 Influent	Cadmium, dissolved	6/13/2011	98	mg/L	02_060111_04	
WTP3 Influent	Cadmium, dissolved	7/22/2011	83	mg/L	02_070111_04	
WTP3 Influent	Cadmium, dissolved	8/14/2011	39	mg/L	02_080111_04	
WTP3 Influent	Cadmium, dissolved	9/18/2011	98	mg/L	02_090111_04	
WTP3 Influent	Calcium, dissolved	5/28/2011	384	mg/L	02_050111_04	
WTP3 Influent	Calcium, dissolved	6/13/2011	321	mg/L	02_060111_04	
WTP3 Influent	Calcium, dissolved	7/22/2011	444	mg/L	02_070111_04	
WTP3 Influent	Calcium, dissolved	8/14/2011	576	mg/L	02_080111_04	
WTP3 Influent	Calcium, dissolved	9/18/2011	352	mg/L	02_090111_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Chloride	5/28/2011	< 50	mg/L	02_050111_04	Undetected
WTP3 Influent	Chloride	6/13/2011	< 500	mg/L	02_060111_04	Undetected
WTP3 Influent	Chloride	7/22/2011	< 30	mg/L	02_070111_04	Undetected
WTP3 Influent	Chloride	8/14/2011	< 300	mg/L	02_080111_04	Undetected
WTP3 Influent	Chloride	9/18/2011	< 3000	mg/L	02_090111_04	Undetected
WTP3 Influent	Conductivity, Field	5/28/2011	19067	uS/cm	02_050111_04	
WTP3 Influent	Conductivity, Field	6/13/2011	22555	uS/cm	02_060111_04	
WTP3 Influent	Conductivity, Field	7/22/2011	22263	uS/cm	02_070111_04	
WTP3 Influent	Conductivity, Field	8/14/2011	23059	uS/cm	02_080111_04	
WTP3 Influent	Conductivity, Field	9/18/2011	19542	uS/cm	02_090111_04	
WTP3 Influent	Copper, dissolved	5/28/2011	20	mg/L	02_050111_04	Analyte detected between MDL and ML
WTP3 Influent	Copper, dissolved	6/13/2011	11.40	mg/L	02_060111_04	
WTP3 Influent	Copper, dissolved	7/22/2011	12.50	mg/L	02_070111_04	
WTP3 Influent	Copper, dissolved	8/14/2011	7	mg/L	02_080111_04	Analyte detected between MDL and ML
WTP3 Influent	Copper, dissolved	9/18/2011	15.90	mg/L	02_090111_04	
WTP3 Influent	Iron, dissolved	5/28/2011	3250	mg/L	02_050111_04	
WTP3 Influent	Iron, dissolved	6/13/2011	1390	mg/L	02_060111_04	
WTP3 Influent	Iron, dissolved	7/22/2011	2140	mg/L	02_070111_04	
WTP3 Influent	Iron, dissolved	8/14/2011	4840	mg/L	02_080111_04	
WTP3 Influent	Iron, dissolved	9/18/2011	2460	mg/L	02_090111_04	
WTP3 Influent	Lead, dissolved	5/28/2011	1.170	mg/L	02_050111_04	
WTP3 Influent	Lead, dissolved	6/13/2011	0.401	mg/L	02_060111_04	
WTP3 Influent	Lead, dissolved	7/22/2011	0.556	mg/L	02_070111_04	
WTP3 Influent	Lead, dissolved	8/14/2011	2	mg/L	02_080111_04	Analyte detected between MDL and ML
WTP3 Influent	Lead, dissolved	9/18/2011	0.536	mg/L	02_090111_04	
WTP3 Influent	Magnesium, dissolved	5/28/2011	1190	mg/L	02_050111_04	
WTP3 Influent	Magnesium, dissolved	6/13/2011	1170	mg/L	02_060111_04	
WTP3 Influent	Magnesium, dissolved	7/22/2011	1220	mg/L	02_070111_04	
WTP3 Influent	Magnesium, dissolved	8/14/2011	1880	mg/L	02_080111_04	
WTP3	Magnesium,	9/18/2011	1270	mg/L	02_090111_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
Influent	dissolved					
WTP3 Influent	Manganese, dissolved	5/28/2011	290	mg/L	02_050111_04	
WTP3 Influent	Manganese, dissolved	6/13/2011	600	mg/L	02_060111_04	
WTP3 Influent	Manganese, dissolved	7/22/2011	660	mg/L	02_070111_04	
WTP3 Influent	Manganese, dissolved	8/14/2011	226	mg/L	02_080111_04	
WTP3 Influent	Manganese, dissolved	9/18/2011	620	mg/L	02_090111_04	
WTP3 Influent	pH, Field	5/28/2011	2.42	pH Units	02_050111_04	
WTP3 Influent	pH, Field	6/13/2011	2.59	pH Units	02_060111_04	
WTP3 Influent	pH, Field	7/22/2011	2.60	pH Units	02_070111_04	
WTP3 Influent	pH, Field	8/14/2011	2.4	pH Units	02_080111_04	
WTP3 Influent	pH, Field	9/18/2011	2.15	pH Units	02_090111_04	
WTP3 Influent	Potassium, Dissolved	5/28/2011	< 0.3	mg/L	02_050111_04	Undetected
WTP3 Influent	Potassium, Dissolved	6/13/2011	< 2	mg/L	02_060111_04	Undetected
WTP3 Influent	Potassium, Dissolved	7/22/2011	< 0.3	mg/L	02_070111_04	Undetected
WTP3 Influent	Potassium, Dissolved	8/14/2011	< 2	mg/L	02_080111_04	Undetected
WTP3 Influent	Potassium, Dissolved	9/18/2011	< 2	mg/L	02_090111_04	Undetected
WTP3 Influent	Sodium, dissolved	5/28/2011	3.9	mg/L	02_050111_04	
WTP3 Influent	Sodium, dissolved	6/13/2011	12	mg/L	02_060111_04	
WTP3 Influent	Sodium, dissolved	7/22/2011	8.7	mg/L	02_070111_04	
WTP3 Influent	Sodium, dissolved	8/14/2011	17	mg/L	02_080111_04	
WTP3 Influent	Sodium, dissolved	9/18/2011	16	mg/L	02_090111_04	
WTP3 Influent	Sulfate	5/28/2011	30900	mg/L	02_050111_04	
WTP3 Influent	Sulfate	6/13/2011	38400	mg/L	02_060111_04	
WTP3 Influent	Sulfate	7/22/2011	37000	mg/L	02_070111_04	
WTP3 Influent	Sulfate	8/14/2011	39900	mg/L	02_080111_04	
WTP3 Influent	Sulfate	9/18/2011	42000	mg/L	02_090111_04	
WTP3 Influent	Temperature, Field	5/28/2011	19.04	°C	02_050111_04	
WTP3 Influent	Temperature, Field	6/13/2011	21.69	°C	02_060111_04	
WTP3 Influent	Temperature, Field	7/22/2011	19.55	°C	02_070111_04	
WTP3 Influent	Temperature, Field	8/14/2011	18.49	°C	02_080111_04	

Location	Analyte	Sample Date	Result	Unit	Sample Number	Qualifier Comment
WTP3 Influent	Temperature, Field	9/18/2011	12.51	°C	02_090111_04	
WTP3 Influent	Total Dissolved Solids	5/28/2011	53700	mg/L	02_050111_04	
WTP3 Influent	Total Dissolved Solids	6/13/2011	60900	mg/L	02_060111_04	
WTP3 Influent	Total Dissolved Solids	7/22/2011	60100	mg/L	02_070111_04	Analysis exceeded method hold time
WTP3 Influent	Total Dissolved Solids	8/14/2011	71300	mg/L	02_080111_04	
WTP3 Influent	Total Dissolved Solids	9/18/2011	68000	mg/L	02_090111_04	Analysis exceeded method hold time
WTP3 Influent	Zinc, dissolved	5/28/2011	11100	mg/L	02_050111_04	
WTP3 Influent	Zinc, dissolved	6/13/2011	11300	mg/L	02_060111_04	
WTP3 Influent	Zinc, dissolved	7/22/2011	10700	mg/L	02_070111_04	
WTP3 Influent	Zinc, dissolved	8/14/2011	5170	mg/L	02_080111_04	
WTP3 Influent	Zinc, dissolved	9/18/2011	12400	mg/L	02_090111_04	