Appendix 9-E

Predictive Groundwater Quality Modelling Results for 43 Parameters

Table 9-D.1: Predictive Groundwater Quality Modelling Results for 42 Parameters

Catchment	Groundwater Quality Control Point	End of Operations (Year 17)												Long Term Closure (Year 101)											
		Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline			Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline		
											Long Term Chronic	Short Term Acute	Maximum										Long Term Chronic	Short Term Acute	Maximum
			mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
West Alexander	Control Point # 1: Sedimentation Pond / Background GW-MP1-BR & GW-MP1-PW & GW-MP1-OB	[Alkalinity]	236.79	0.00	0.00	236.79	260.47	-	-	-	-	-	-	[Alkalinity]	236.79	0.00	0.04	236.79	260.47	-	-	-	-	-	-
		[Hardness]	109.37	0.00	0.00	109.37	120.31	-	-	-	-	-	-	[Hardness]	109.37	0.00	0.04	109.37	120.31	-	-	-	-	-	-
		[Ag]	0.0000050	0.0001400	0.0025346	0.0000054	0.0000055	-	0.03	-	0.0015	0.003	-	[Ag]	0.0000050	0.0001400	0.0439424	0.0000112	0.0000055	-	0.03	-	0.0015	0.003	-
		[Al]	0.0045	0.0370	0.0025	0.0046	0.0050	9.5	9.5	-	0.05	0.01	-	[Al]	0.0045	0.0370	0.0439	0.0062	0.0050	9.5	9.5	-	0.05	0.01	-
		[As]	0.00032	0.00390	0.00253	0.00033	0.00035	0.01	0.01	-	-	-	0.005	[As]	0.00032	0.00390	0.04394	0.00049	0.00035	0.01	0.01	-	-	-	0.005
		[B]	0.097	0.100	0.003	0.097	0.107	5	5	-	1.2	-	-	[B]	0.097	0.100	0.044	0.102	0.107	5	5	-	1.2	-	-
		[Ba]	0.103	0.540	0.003	0.104	0.113	-	1	-	-	-	-	[Ba]	0.103	0.540	0.044	0.126	0.113	-	1	-	-	-	-
		[Be]	0.000050	0.000480	0.002535	0.000051	0.000055	-	0.008	-	-	-	-	[Be]	0.000050	0.000480	0.043942	0.000071	0.000055	-	0.008	-	-	-	-
		[Bi]	0.000025	0.000000	0.002535	0.000025	0.000028	-	-	-	-	-	-	[Bi]	0.000025	0.000000	0.043942	0.000025	0.000028	-	-	-	-	-	-
		[Ca]	31.19	0.00	0.00	31.19	34.31	-	-	-	-	-	-	[Ca]	31.19	0.00	0.04	31.19	34.31	-	-	-	-	-	-
		[Cd]	0.0000059	0.0027000	0.0025346	0.0000128	0.0000065	0.005	0.005	0.00024	0.226	0.645	-	[Cd]	0.0000059	0.0027000	0.0439424	0.0001246	0.0000065	0.005	0.005	0.00024	0.226	0.645	-
		[Cl]	10.11	0.00	0.00	10.11	11.12	250	250	-	150	600	-	[Cl]	10.11	0.00	0.04	10.11	11.12	250	250	-	150	600	-
		[Co]	0.000082	0.146980	0.002535	0.000455	0.000090	0.001	0.001	-	0.004	0.11	-	[Co]	0.000082	0.146980	0.043942	0.006541	0.000090	0.001	0.001	-	0.004	0.11	-
		[Cr]	0.00014	0.00130	0.00253	0.00014	0.00016	0.05	0.05	-	-	-	-	[Cr]	0.00014	0.00130	0.04394	0.00020	0.00016	0.05	0.05	-	-	-	-
		[Cu]	0.00023	0.00710	0.00253	0.00025	0.00025	2	1.5	-	-	-	-	[Cu]	0.00023	0.00710	0.04394	0.00054	0.00025	2	1.5	-	-	-	-
		[F]	0.79	0.00	0.00	0.79	0.87	1.5	1.5	-	-	1.37	-	[F]	0.79	0.00	0.04	0.79	0.87	1.5	1.5	-	-	1.37	-
		[Fe]	0.008	0.042	0.003	0.008	0.009	0.3	6.5	-	-	0.35	-	[Fe]	0.008	0.042	0.044	0.010	0.009	0.3	6.5	-	-	0.35	-
		[Hg]	0.0000025	0.0000000	0.0025346	0.0000025	0.0000028	0.001	0.001	-	-	-	-	[Hg]	0.0000025	0.0000000	0.0439424	0.0000025	0.0000028	0.001	0.001	-	-	-	-
		[K]	0.64	0.00	0.00	0.64	0.71	-	-	-	-	-	-	[K]	0.64	0.00	0.04	0.64	0.71	-	-	-	-	-	-
		[Li]	0.1945	0.0000	0.0025	0.1945	0.2140	-	0.008	-	-	-	-	[Li]	0.1945	0.0000	0.0439	0.1945	0.2140	-	0.008	-	-	-	-
		[Mg]	7.64	0.00	0.00	7.64	8.40	-	-	-	-	-	-	[Mg]	7.64	0.00	0.04	7.64	8.40	-	-	-	-	-	-
		[Mn]	0.01	0.27	0.00	0.01	0.01	0.12	1.5	-	1.65	1.75	-	[Mn]	0.01	0.27	0.04	0.02	0.01	0.12	1.5	-	1.65	1.75	-
		[Mo]	0.0015	0.1447	0.0025	0.0019	0.0017	0.088	0.25	-	1	2	-	[Mo]	0.0015	0.1447	0.0439	0.0079	0.0017	0.088	0.25	-	1	2	-
		[Na]	69.77	0.00	0.00	69.77	76.74	-	200	-	-	-	-	[Na]	69.77	0.00	0.04	69.77	76.74	-	200	-	-	-	-
		[NH4]	-	0				-	-	-	-	-	-	[NH4]	-	0				-	-	-	-	-	-
		[Ni]	0.00035	0.38000	0.00253	0.00131	0.00039	0.08	0.08	-	-	-	-	[Ni]	0.00035	0.38000	0.04394	0.01705	0.00039	0.08	0.08	-	-	-	-
		[NO2]	0.0015	0.0000	0.0025	0.0015	0.0016	3	1	-	0.2	0.6	-	[NO2]	0.0015	0.0000	0.0439	0.0015	0.0016	3	1	-	0.02	0.06	-
		[NO3]	0.121	0.500	0.003	0.122	0.133	45	10	3	-	-	-	[NO3]	0.121	0.500	0.044	0.142	0.133	45	10	3	-	-	-
		[P]	0.029	0.000	0.003	0.029	0.032	0.01	-	-	0.005	-	-	[P]	0.029	0.000	0.044	0.029	0.032	0.01	-	-	0.005	-	-
		[Pb]	0.000027	0.001300	0.002535	0.000030	0.000030	0.005	-	-	0.006879	0.091505	-	[Pb]	0.000027	0.001300	0.043942	0.000084	0.000030	0.005	-	-	0.006879	0.091505	-
		[S]	5.20	0.00	0.00	5.20	5.72	-	-	-	-	-	-	[S]	5.20	0.00	0.04	5.20	5.72	-	-	-	-	-	-
		[Sb]	0.00009	0.01500	0.00253	0.00013	0.00010	0.06	0.006	-	-	-	-	[Sb]	0.00009	0.01500	0.04394	0.00075	0.00010	0.06	0.006	-	-	-	-
		[Se]	0.00040	0.05781	0.00253	0.00055	0.00044	0.01	0.01	0.019	0.001	-	-	[Se]	0.00040	0.05781	0.04394	0.00294	0.00044	0.01	0.01	0.019	0.001	-	-
		[Si]	2.30	0.00	0.00	2.30	2.53	-	-	-	-	-	-	[Si]	2.30	0.00	0.04	2.30	2.53	-	-	-	-	-	-
		[Sn]	0.00008	0.00000	0.00253	0.00008	0.00008	-	2.5	-	-	-	-	[Sn]	0.00008	0.00000	0.04394	0.00008	0.00008	-	2.5	-	-	-	-
		[SO4]	13.87	531.76	0.00	15.22	15.26	500	500	429	309	-	-	[SO4]	13.87	531.76	0.04	37.24	15.26	500	500	429	309	-	-
		[Sr]	0.17	0.00	0.00	0.17	0.19	7	2.5	-	-	-	-	[Sr]	0.17	0.00	0.04	0.17	0.19	7	2.5	-	-	-	-
		[Ti]	0.00018	0.00000	0.00253	0.00018	0.00020	-	-	-	-	-	-	[Ti]	0.00018	0.00000	0.04394	0.00018	0.00020	-	-	-	-	-	-
		[Tl]	0.0000050	0.0000690	0.0025346	0.0000052	0.0000055	-	-	-	-	-	-	[Tl]	0.0000050	0.0000690	0.0439424	0.0000080	0.0000055	-	-	-	-	-	-
		[U]	0.00025	0.01083	0.00253	0.00028	0.00027	0.02	0.02	-	-	-	-	[U]	0.00025	0.01083	0.04394	0.00073	0.00027	0.02	0.02	-	-	-	-
		[V]	0.00025	0.00120	0.00253	0.00025	0.00028	-	0.02	-	-	-	-	[V]	0.00025	0.00120	0.04394	0.00030	0.00028	-	0.02	-	-	-	-
		[Zn]	0.0047	0.0410	0.0025	0.0048	0.0052	3	3	-	0.0220	0.0475	-	[Zn]	0.0047	0.0410	0.0439	0.0065	0.0052	3	3	-	0.0220	0.0475	-
		[Zr]	0.000098	0.000000	0.002535	0.000098	0.000108	-	-	-	-	-	-	[Zr]	0.000098	0.000000	0.043942	0.000098	0.000108	-	-	-	-	-	-
	Control Point # 2: Podransky Cabin/ Background GW-3-A & GW-3-B & GW-3-C	[Alkalinity]	141.10	0.00	0.00	141.10	155.20	-	-	-	-	-	-	[Alkalinity]	141.10	0.00	0.00	141.10	155.20	-	-	-	-	-	-
		[Hardness]	147.62	0.00	0.00	147.62	162.38	-	-	-	-	-	-	[Hardness]	147.62	0.00	0.00	147.62	162.38	-	-	-	-	-	-
		[Ag]	0.0000050	0.0001400	0.0000000	0.0000050	0.0000055	-	0.03	-	0.0015	0.003	-	[Ag]	0.0000050	0.0001400	0.0016540	0.0000052	0.0000055	-	0.03	-	0.0015	0.003	-
		[Al]	0.0058	0.0370	0.0000	0.0058	0.0064	9.5	9.5	-	0.05	0.01	-	[Al]	0.0058	0.0370	0.0017	0.0059	0.0064	9.5	9.5	-	0.05	0.01	-
		[As]	0.00028	0.00390	0.00000	0.00028	0.00030	0.01	0.01	-	-	-	0.005	[As]	0.00028	0.00390	0.00165	0.00028	0.00030	0.01	0.01	-	-	-	0.005
		[B]	0.015	0.100	0.000	0.015	0.016	5	5	-	1.2	-	-	[B]	0.015	0.100	0.002	0.015	0.016	5	5	-	1.2	-	-
		[Ba]	0.059	0.540	0.000	0.059	0.065	-	1	-	-	-	-	[Ba]	0.059	0.540	0.002	0.060	0.065	-	1	-	-	-	-
		[Be]	0.000050	0.000480	0.000000	0.000050	0.000055	-	0.008	-	-	-	-	[Be]	0.000050	0.000480	0.001654	0.000051	0.000055	-	0.008	-	-	-	-
		[Bi]	0.000025	0.000000	0.000000	0.000025	0.000028	-	-	-	-	-	-	[Bi]	0.000025	0.000000	0.001654	0.000025	0.000028	-	-	-	-	-	-
		[Ca]	39.56	0.00	0.00	39.56	43.52	-	-	-	-	-	-	[Ca]	39.56	0.00	0.00	39.56	43.52	-	-	-	-	-	-
		[Cd]	0.0000076	0.0027000	0.0000000	0.0000076	0.0000084	0.005	0.005	0.00024	0.282	0.879	-	[Cd]	0.0000076	0.0027000	0.0016540	0.0000121	0.0000084	0.005	0.005	0.00024	0.282	0.879	-
		[Cl]	0.44	0.00	0.00	0.44	0.48	250	250	-	150	600	-	[Cl]	0.44	0.00	0.00	0.44	0.48	250	250	-	150	600	-
		[Co]	0.000080	0.146980	0.000000	0.000080	0.000087	0.001	0.001	-	0.004	0.11	-	[Co]	0.000080	0.146980	0.001654	0.000323	0.000087	0.001	0.001	-	0.004	0.11	-
		[Cr]	0.00013	0.00130	0.00000	0.00013	0.00014	0.05	0.05	-	-	-	-	[Cr]	0.00013	0.00130	0.00165	0.00013	0.00014	0.05	0.05	-	-	-	-
		[Cu]	0.00018	0.00710	0.00000	0.00018	0.00020	2	1.5	-	-	-	-	[Cu]	0.00018	0.00710	0.00165	0.00019	0.00020	2	1.5	-	-	-	-
		[F]	0.23	0.00	0.00	0.23	0.26	1.5	1.5	-	-	1.49	-	[F]	0.23	0.00	0.00	0.23	0.26	1.5	1.5	-	-	1.49	-
		[Fe]	0.015	0.042	0.000	0.015	0.017	0.3	6.5	-	-	0.35	-	[Fe]	0.015	0.042	0.002	0.015	0.017	0.3	6.5	-	-	0.35	-
		[Hg]	0.0000025	0.0000000	0.0000000	0.0000025	0.0000028	0.001	0.001	-	-	-	-	[Hg]	0.0000025	0.0000000	0.0016540	0.0000025	0.0000028	0.001	0.001	-	-	-	-
		[K]	0.60	0.00	0.00	0.60	0.66	-	-	-	-	-	-	[K]	0.60	0.00	0.00	0.60	0.66	-	-	-	-	-	-
		[Li]	0.0052	0.0000	0.0000	0.0052	0.0058	-	0.008	-	-	-	-	[Li]	0.0052	0.0000	0.0017	0.0052	0.0058	-	0.008	-	-	-	-
		[Mg]	11.72	0.00	0.00	11.72	12.90	-	-	-	-	-	-	[Mg]	11.72	0.00	0.00	11.72	12.90	-	-	-	-	-	-
		[Mn]	0.11	0.27	0.00	0.11	0.12	0.12	1.5	-	1.23	2.17	-	[Mn]	0.11	0.27	0.00	0.11	0.12	0.12	1.5	-	1.23	2.17	-
		[Mo]	0.0014	0.1447	0.0000	0.0014	0.0015	0.088	0.25	-	1	2	-	[Mo]	0.0014	0.1447	0.0017	0.0016	0.0015	0.088	0.25	-	1	2	-
		[Na]	2.64	0.00	0.00	2.64	2.90	-	200	-	-	-	-	[Na]	2.64	0.00	0.00	2.64	2.90	-	200	-	-	-	-
		[NH4]	-	0				-	-	-	-	-	-	[NH4]	-	0				-	-	-	-	-	-
		[Ni]	0.00026	0.38000	0.00000	0.00026	0.00029	0.08	0.08	-	-	-	-	[Ni]	0.00026	0.38000	0.00165	0.00089	0.00029	0.08	0.08	-	-	-	-
		[NO2]	0.0028	0.0000	0.0000	0.0028	0.0031	3	1	-	0.02	0.06	-	[NO2]	0.0028	0.0000	0.0017	0.0028	0.0031	3	1	-	0.02	0.06	-
		[NO3]	0.072	0.500	0.000	0.072	0.080	45	10	3	-	-	-	[NO3]	0.072	0.500	0.002	0.073	0.080	45	10	3	-	-	-
		[P]	0.025	0.000	0.000	0.025	0.028	0.01	-	-	0.005	-	-	[P]	0.025	0.000	0.002	0.025	0.028	0.01	-	-	0.005	-	-
		[Pb]	0.000025	0.001300	0.000000	0.000025	0.000028	0.005	-	-	0.009	0.134	-	[Pb]	0.000025	0.001300	0.001654	0.000027	0.000028	0.005	-	-	0.009	0.134	-
		[S]	8.89	0.00	0.00	8.89	9.78	-	-	-	-	-	-	[S]	8.89	0.00	0.00	8.89	9.78	-	-	-	-	-	-
		[Sb]	0.00015	0.01500	0.00000	0.00015	0.00017	0.06	0.006	-	-	-	-	[Sb]	0.00015	0.01500	0.00165	0.00018	0.00017	0.06	0.006	-	-	-	-
		[Se]	0.00099	0.05781	0.00000	0.00099	0.00108	0.01	0.01	0.019	0.001	-	-	[Se]	0.00099	0.05781	0.00165	0.00108	0.00108	0.01	0.01	0.019	0.001	-	-
		[Si]	3.03	0.00	0.00	3.03	3.34	-	-	-	-	-	-	[Si]	3.03	0.00	0.00	3.03	3.34	-	-	-	-	-	-
		[Sn]	0.00087	0.00000	0.00000	0.00087	0.00096	-	2.5	-	-	-	-	[Sn]	0.00087	0.00000	0.00165	0.00087	0.00096	-	2.5	-	-	-	-
		[SO4]	19.80	531.76	0.00	19.80	21.78	500	500	429	309	-	-	[SO4]	19.80	531.76	0.00	20.68	21.78	500	500	429	309	-	-
		[Sr]	0.17	0.00	0.00	0.17	0.19	7	2.5	-	-	-	-	[Sr]	0.17	0.00	0.00	0.17	0.19	7	2.5	-	-	-	-
		[Ti]	0.00016	0.00000	0.00000	0.00016	0.00018	-	-	-	-	-	-	[Ti]	0.00016	0.00000	0.00165	0.00016	0.00018	-	-	-	-	-	-
		[Tl]	0.0000050	0.0000690	0.0000000	0.0000050	0.0000055	-	-	-	-	-	-	[Tl]	0.0000050	0.0000690	0.0016540	0.0000051	0.0000055	-	-	-	-	-	-
		[U]	0.00031	0.01083	0.00000	0.00031	0.00034	0.02	0.02	-	-	-	-	[U]	0.00031	0.01083	0.00165	0.00033	0.00034	0.02	0.02	-	-	-	-
		[V]	0.00025	0.00120	0.00000	0.00025	0.00028	-	0.02	-	-	-	-	[V]	0.00025	0.00120	0.00165	0.00025	0.00028	-	0.02	-	-	-	-
		[Zn]	0.0023	0.0410	0.0000	0.0023	0.0025	3	3	-	0.0507	0.0762	-	[Zn]	0.0023	0.0410	0.0017	0.0023	0.0025	3	3	-	0.0507	0.0762	-
		[Zr]	0.000093	0.000000	0.000000	0.000093	0.000102	-	-	-	-	-	-	[Zr]	0.000093	0.000000	0.001654	0.000093	0.000102	-	-	-	-	-	-

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Catchment	Groundwater Quality Control Point	End of Operations (Year 17)												Long Term Closure (Year 101)											
		Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline			Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline		
											Long Term Chronic	Short Term Acute	Maximum										Long Term Chronic	Short Term Acute	Maximum
			mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Control Point # 3: Alexander Creek at LSA Boundary / Background GW-1-A & GW-1-B		[Alkalinity]	193.57	0.00	0.00	193.57	212.93	-	-	-	-	-	-	[Alkalinity]	193.57	0.00	0.00	193.57	212.93	-	-	-	-	-	-
		[Hardness]	176.57	0.00	0.00	176.57	194.23	-	-	-	-	-	-	[Hardness]	176.57	0.00	0.00	176.57	194.23	-	-	-	-	-	-
		[Ag]	0.0000050	0.0001400	0.0000000	0.0000050	0.0000055	-	0.03	-	0.0015	0.003	-	[Ag]	0.0000050	0.0001400	0.0000000	0.0000050	0.0000055	-	0.03	-	0.0015	0.003	-
		[Al]	0.0038	0.0370	0.0000	0.0038	0.0042	9.5	9.5	-	0.05	0.01	-	[Al]	0.0038	0.0370	0.0000	0.0038	0.0042	9.5	9.5	-	0.05	0.01	-
		[As]	0.00093	0.00390	0.00000	0.00093	0.00102	0.01	0.01	-	-	-	0.005	[As]	0.00093	0.00390	0.00000	0.00093	0.00102	0.01	0.01	-	-	-	0.005
		[B]	0.071	0.100	0.000	0.071	0.078	5	5	-	1.2	-	-	[B]	0.071	0.100	0.000	0.071	0.078	5	5	-	1.2	-	-
		[Ba]	0.072	0.540	0.000	0.072	0.079	-	1	-	-	-	-	[Ba]	0.072	0.540	0.000	0.072	0.079	-	1	-	-	-	-
		[Be]	0.000050	0.000480	0.000000	0.000050	0.000055	-	0.008	-	-	-	-	[Be]	0.000050	0.000480	0.000000	0.000050	0.000055	-	0.008	-	-	-	-
		[Bi]	0.000025	0.000000	0.000000	0.000025	0.000028	-	-	-	-	-	-	[Bi]	0.000025	0.000000	0.000000	0.000025	0.000028	-	-	-	-	-	-
		[Ca]	47.74	0.00	0.00	47.74	52.52	-	-	-	-	-	-	[Ca]	47.74	0.00	0.00	47.74	52.52	-	-	-	-	-	-
		[Cd]	0.0000055	0.0027000	0.0000000	0.0000055	0.0000061	0.005	0.005	0.00024	0.32	1.06	-	[Cd]	0.0000055	0.0027000	0.0000000	0.0000055	0.0000061	0.005	0.005	0.00024	0.32	1.06	-
		[Cl]	0.38	0.00	0.00	0.38	0.41	250	250	-	150	600	-	[Cl]	0.38	0.00	0.00	0.38	0.41	250	250	-	150	600	-
		[Co]	0.000154	0.146980	0.000000	0.000154	0.000170	0.001	0.001	-	0.004	0.11	-	[Co]	0.000154	0.146980	0.000000	0.000154	0.000170	0.001	0.001	-	0.004	0.11	-
		[Cr]	0.00009	0.00130	0.00000	0.00009	0.00010	0.05	0.05	-	-	-	-	[Cr]	0.00009	0.00130	0.00000	0.00009	0.00010	0.05	0.05	-	-	-	-
		[Cu]	0.00038	0.00710	0.00000	0.00038	0.00042	2	1.5	-	-	-	-	[Cu]	0.00038	0.00710	0.00000	0.00038	0.00042	2	1.5	-	-	-	-
		[F]	0.40	0.00	0.00	0.40	0.44	1.5	1.5	-	-	1.56267	-	[F]	0.40	0.00	0.00	0.40	0.44	1.5	1.5	-	-	1.56267	-
		[Fe]	0.040	0.042	0.000	0.040	0.044	0.3	6.5	-	-	0.35	-	[Fe]	0.040	0.042	0.000	0.040	0.044	0.3	6.5	-	-	0.35	-
		[Hg]	0.0000025	0.0000000	0.0000000	0.0000025	0.0000028	0.001	0.001	-	-	-	-	[Hg]	0.0000025	0.0000000	0.0000000	0.0000025	0.0000028	0.001	0.001	-	-	-	-
		[K]	0.94	0.00	0.00	0.94	1.03	-	-	-	-	-	-	[K]	0.94	0.00	0.00	0.94	1.03	-	-	-	-	-	-
		[Li]	0.0113	0.0000	0.0000	0.0113	0.0124	-	0.008	-	-	-	-	[Li]	0.0113	0.0000	0.0000	0.0113	0.0124	-	0.008	-	-	-	-
		[Mg]	13.94	0.00	0.00	13.94	15.33	-	-	-	-	-	-	[Mg]	13.94	0.00	0.00	13.94	15.33	-	-	-	-	-	-
		[Mn]	0.08	0.27	0.00	0.08	0.09	0.12	1.5	-	1.46	2.49	-	[Mn]	0.08	0.27	0.00	0.08	0.09	0.12	1.5	-	1.46	2.49	-
		[Mo]	0.0033	0.1447	0.0000	0.0033	0.0037	0.088	0.25	-	1	2	-	[Mo]	0.0033	0.1447	0.0000	0.0033	0.0037	0.088	0.25	-	1	2	-
		[Na]	13.88	0.00	0.00	13.88	15.26	-	200	-	-	-	-	[Na]	13.88	0.00	0.00	13.88	15.26	-	200	-	-	-	-
		[NH4]	-	0				-	-	-	-	-	-	[NH4]	-	0				-	-	-	-	-	-
		[Ni]	0.00053	0.38000	0.00000	0.00053	0.00059	0.08	0.08	-	-	-	-	[Ni]	0.00053	0.38000	0.00000	0.00053	0.00059	0.08	0.08	-	-	-	-
		[NO2]	0.0006	0.0000	0.0000	0.0006	0.0007	3	1	-	0.02	0.06	-	[NO2]	0.0006	0.0000	0.0000	0.0006	0.0007	3	1	-	0.02	0.06	-
		[NO3]	0.011	0.500	0.000	0.011	0.012	45	10	3	-	-	-	[NO3]	0.011	0.500	0.000	0.011	0.012	45	10	3	-	-	-
		[P]	0.025	0.000	0.000	0.025	0.028	0.01	-	-	0.005	-	-	[P]	0.025	0.000	0.000	0.025	0.028	0.01	-	-	0.005	-	-
		[Pb]	0.000028	0.001300	0.000000	0.000028	0.000031	0.005	-	-	0.010	0.168	-	[Pb]	0.000028	0.001300	0.000000	0.000028	0.000031	0.005	-	-	0.010	0.168	-
		[S]	10.43	0.00	0.00	10.43	11.47	-	-	-	-	-	-	[S]	10.43	0.00	0.00	10.43	11.47	-	-	-	-	-	-
		[Sb]	0.00019	0.01500	0.00000	0.00019	0.00021	0.06	0.006	-	-	-	-	[Sb]	0.00019	0.01500	0.00000	0.00019	0.00021	0.06	0.006	-	-	-	-
		[Se]	0.00049	0.05781	0.00000	0.00049	0.00054	0.01	0.01	0.019	0.001	-	-	[Se]	0.00049	0.05781	0.00000	0.00049	0.00054	0.01	0.01	0.019	0.001	-	-
		[Si]	3.71	0.00	0.00	3.71	4.08	-	-	-	-	-	-	[Si]	3.71	0.00	0.00	3.71	4.08	-	-	-	-	-	-
		[Sn]	0.00061	0.00000	0.00000	0.00061	0.00067	-	2.5	-	-	-	-	[Sn]	0.00061	0.00000	0.00000	0.00061	0.00067	-	2.5	-	-	-	-
		[SO4]	25.78	531.76	0.00	25.78	28.36	500	500	429	309	-	-	[SO4]	25.78	531.76	0.00	25.78	28.36	500	500	429	309	-	-
		[Sr]	0.30	0.00	0.00	0.30	0.33	7	2.5	-	-	-	-	[Sr]	0.30	0.00	0.00	0.30	0.33	7	2.5	-	-	-	-
		[Ti]	0.00015	0.00000	0.00000	0.00015	0.00017	-	-	-	-	-	-	[Ti]	0.00015	0.00000	0.00000	0.00015	0.00017	-	-	-	-	-	-
		[Tl]	0.0000059	0.0000690	0.0000000	0.0000059	0.0000065	-	-	-	-	-	-	[Tl]	0.0000059	0.0000690	0.0000000	0.0000059	0.0000065	-	-	-	-	-	-
		[U]	0.00052	0.01083	0.00000	0.00052	0.00057	0.02	0.02	-	-	-	-	[U]	0.00052	0.01083	0.00000	0.00052	0.00057	0.02	0.02	-	-	-	-
		[V]	0.00025	0.00120	0.00000	0.00025	0.00028		0.02	-	-	-	-	[V]	0.00025	0.00120	0.00000	0.00025	0.00028		0.02	-	-	-	-
		[Zn]	0.0035	0.0410	0.0000	0.0035	0.0039	3	3	-	0.072	0.098	-	[Zn]	0.0035	0.0410	0.0000	0.0035	0.0039	3	3	-	0.072	0.098	-
		[Zr]	0.000082	0.000000	0.000000	0.000082	0.000090	-	-	-	-	-	-	[Zr]	0.000082	0.000000	0.000000	0.000082	0.000090	-	-	-	-	-	-

Table 9-D.1: Predictive Groundwater Quality Modelling Results for 42 Parameters

Catchment	Groundwater Quality Control Point	End of Operations (Year 17)												Long Term Closure (Year 101)											
		Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline			Parameter	Background Parameter Concentration	Source Term Value	Estimated Contaminant Ratio	Estimated Parameter Concentration	Significance Threshold	BC DW Guideline	BC CSR DW Guideline	EVWQP	BC Fresh Water Aquatic Life Guideline		
											Long Term Chronic	Short Term Acute	Maximum										Long Term Chronic	Short Term Acute	Maximum
			mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L		mg/L	mg/L	C/Co	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Grave Creek	Control Point # 4: North Pit Creek at Property Boundary / Background GW-14-OB & GW-14-BR	[Alkalinity]	176.29	0.00	0.01	176.29	193.91	-	-	-	-	-	-	[Alkalinity]	176.29	0.00	0.07	176.29	193.91	-	-	-	-	-	-
		[Hardness]	194.50	0.00	0.01	194.50	213.95	-	-	-	-	-	-	[Hardness]	194.50	0.00	0.07	194.50	213.95	-	-	-	-	-	-
		[Ag]	0.0000050	0.0001400	0.0065543	0.0000059	0.0000055	-	0.03	-	0.0015	0.003	-	[Ag]	0.0000050	0.0001400	0.0658922	0.0000142	0.0000055	-	0.03	-	0.0015	0.003	-
		[Al]	0.0139	0.0370	0.0066	0.0142	0.0153	9.5	9.5	-	0.05	0.01	-	[Al]	0.0139	0.0370	0.0659	0.0164	0.0153	9.5	9.5	-	0.05	0.01	-
		[As]	0.00039	0.00390	0.00655	0.00042	0.00043	0.01	0.01	-	-	-	0.005	[As]	0.00039	0.00390	0.06589	0.00065	0.00043	0.01	0.01	-	-	-	0.005
		[B]	0.053	0.100	0.007	0.053	0.058	5	5	-	1.2	-	-	[B]	0.053	0.100	0.066	0.059	0.058	5	5	-	1.2	-	-
		[Ba]	0.044	0.540	0.007	0.048	0.048	-	1	-	-	-	-	[Ba]	0.044	0.540	0.066	0.080	0.048	-	1	-	-	-	-
		[Be]	0.000050	0.000480	0.006554	0.000053	0.000055	-	0.008	-	-	-	-	[Be]	0.000050	0.000480	0.065892	0.000082	0.000055	-	0.008	-	-	-	-
		[Bi]	0.000025	0.000000	0.006554	0.000025	0.000028	-	-	-	-	-	-	[Bi]	0.000025	0.000000	0.065892	0.000025	0.000028	-	-	-	-	-	-
		[Ca]	51.62	0.00	0.01	51.62	56.79	-	-	-	-	-	-	[Ca]	51.62	0.00	0.07	51.62	56.79	-	-	-	-	-	-
		[Cd]	0.00001	0.00270	0.00655	0.00002	0.00001	0.00500	0.00500	0.00024	0.35	1.17	-	[Cd]	0.00001	0.00270	0.06589	0.00019	0.00001	0.00500	0.00500	0.00024	0.35	1.17	-
		[Cl]	0.50	0.00	0.01	0.50	0.55	250	250	-	150	600	-	[Cl]	0.50	0.00	0.07	0.50	0.55	250	250	-	150	600	-
		[Co]	0.000210	0.146980	0.006554	0.001173	0.000231	0.001	0.001	-	0.004	0.11	-	[Co]	0.000210	0.146980	0.065892	0.009894	0.000231	0.001	0.001	-	0.004	0.11	-
		[Cr]	0.00014	0.00130	0.00655	0.00015	0.00015	0.05	0.05	-	-	-	-	[Cr]	0.00014	0.00130	0.06589	0.00022	0.00015	0.05	0.05	-	-	-	-
		[Cu]	0.00035	0.00710	0.00655	0.00039	0.00038	2	1.5	-	-	-	-	[Cu]	0.00035	0.00710	0.06589	0.00081	0.00038	2	1.5	-	-	-	-
		[F]	0.17	0.00	0.01	0.17	0.19	1.5	1.5	-	-	1.60	-	[F]	0.17	0.00	0.07	0.17	0.19	1.5	1.5	-	-	1.60	-
		[Fe]	0.205	0.042	0.007	0.205	0.225	0.3	6.5	-	-	0.35	-	[Fe]	0.205	0.042	0.066	0.207	0.225	0.3	6.5	-	-	0.35	-
		[Hg]	0.0000025	0.0000000	0.0065543	0.0000025	0.0000028	0.001	0.001	-	-	-	-	[Hg]	0.0000025	0.0000000	0.0658922	0.0000025	0.0000028	0.001	0.001	-	-	-	-
		[K]	0.87	0.00	0.01	0.87	0.95	-	-	-	-	-	-	[K]	0.87	0.00	0.07	0.87	0.95	-	-	-	-	-	-
		[Li]	0.0143	0.0000	0.0066	0.0143	0.0157	-	0.008	-	-	-	-	[Li]	0.0143	0.0000	0.0659	0.0143	0.0157	-	0.008	-	-	-	-
		[Mg]	15.94	0.00	0.01	15.94	17.53	-	-	-	-	-	-	[Mg]	15.94	0.00	0.07	15.94	17.53	-	-	-	-	-	-
		[Mn]	0.05	0.27	0.01	0.06	0.06	0.12	1.5	-	1.38	2.68	-	[Mn]	0.05	0.27	0.07	0.07	0.06	0.12	1.5	-	1.38	2.68	-
		[Mo]	0.0007	0.1447	0.0066	0.0016	0.0008	0.088	0.25	-	1	2	-	[Mo]	0.0007	0.1447	0.0659	0.0102	0.0008	0.088	0.25	-	1	2	-
		[Na]	7.42	0.00	0.01	7.42	8.16	-	200	-	-	-	-	[Na]	7.42	0.00	0.07	7.42	8.16	-	200	-	-	-	-
		[NH4]	-	1.5813E-23				-	-	-	-	-	-	[NH4]	-	1.5813E-23				-	-	-	-	-	-
		[Ni]	0.00071	0.38000	0.00655	0.00320	0.00078	0.08	0.08	-	-	-	-	[Ni]	0.00071	0.38000	0.06589	0.02575	0.00078	0.08	0.08	-	-	-	-
		[NO2]	0.0006	0.0000	0.0066	0.0006	0.0006	3	1	-	0.02	0.06	-	[NO2]	0.0006	0.0000	0.0659	0.0006	0.0006	3	1	-	0.02	0.06	-
		[NO3]	0.044	0.500	0.007	0.047	0.048	45	10	3	-	-	-	[NO3]	0.044	0.500	0.066	0.077	0.048	45	10	3	-	-	-
		[P]	0.029	0.000	0.007	0.029	0.032	0.01	-	-	0.005	-	-	[P]	0.029	0.000	0.066	0.029	0.032	0.01	-	-	0.005	-	-
		[Pb]	0.000060	0.001300	0.006554	0.000069	0.000066	0.005	-	-	0.011	0.190	-	[Pb]	0.000060	0.001300	0.065892	0.000146	0.000066	0.005	-	-	0.011	0.190	-
		[S]	11.32	0.00	0.01	11.32	12.45	-	-	-	-	-	-	[S]	11.32	0.00	0.07	11.32	12.45	-	-	-	-	-	-
		[Sb]	0.00008	0.01500	0.00655	0.00018	0.00009	0.06	0.006	-	-	-	-	[Sb]	0.00008	0.01500	0.06589	0.00107	0.00009	0.06	0.006	-	-	-	-
		[Se]	0.00054	0.05781	0.00655	0.00092	0.00059	0.01	0.01	0.019	0.001	-	-	[Se]	0.00054	0.05781	0.06589	0.00435	0.00059	0.01	0.01	0.019	0.001	-	-
		[Si]	3.70	0.00	0.01	3.70	4.06	-	-	-	-	-	-	[Si]	3.70	0.00	0.07	3.70	4.06	-	-	-	-	-	-
		[Sn]	0.00008	0.00000	0.00655	0.00008	0.00008	-	2.5	-	-	-	-	[Sn]	0.00008	0.00000	0.06589	0.00008	0.00008	-	2.5	-	-	-	-
		[SO4]	33.05	531.76	0.01	36.54	36.36	500	500	429	309	-	-	[SO4]	33.05	531.76	0.07	68.09	36.36	500	500	429	309	-	-
		[Sr]	0.93	0.00	0.01	0.93	1.02	7	2.5	-	-	-	-	[Sr]	0.93	0.00	0.07	0.93	1.02	7	2.5	-	-	-	-
		[Ti]	0.00044	0.00000	0.00655	0.00044	0.00049	-	-	-	-	-	-	[Ti]	0.00044	0.00000	0.06589	0.00044	0.00049	-	-	-	-	-	-
		[Tl]	0.0000063	0.0000690	0.0065543	0.0000067	0.0000069	-	-	-	-	-	-	[Tl]	0.0000063	0.0000690	0.0658922	0.0000108	0.0000069	-	-	-	-	-	-
		[U]	0.00024	0.01083	0.00655	0.00031	0.00027	0.02	0.02	-	-	-	-	[U]	0.00024	0.01083	0.06589	0.00096	0.00027	0.02	0.02	-	-	-	-
		[V]	0.00028	0.00120	0.00655	0.00029	0.00031	-	0.02	-	-	-	-	[V]	0.00028	0.00120	0.06589	0.00036	0.00031	-	0.02	-	-	-	-
		[Zn]	0.0033	0.0410	0.0066	0.0036	0.0036	3	3	-	0.086	0.111	-	[Zn]	0.0033	0.0410	0.0659	0.0060	0.0036	3	3	-	0.086	0.111	-
		[Zr]	0.000070	0.000000	0.006554	0.000070	0.000077	-	-	-	-	-	-	[Zr]	0.000070	0.000000	0.065892	0.000070	0.000077	-	-	-	-	-	-
	Control Point # 5: Grave Creek at LSA Boundary / Background GW-14-OB & GW-14-BR	[Alkalinity]	176.29	0.00	0.00	176.29	193.91	-	-	-	-	-	-	[Alkalinity]	176.29	0.00	0.00	176.29	193.91	-	-	-	-	-	-
		[Hardness]	194.50	0.00	0.00	194.50	213.95	-	-	-	-	-	-	[Hardness]	194.50	0.00	0.00	194.50	213.95	-	-	-	-	-	-
		[Ag]	0.0000050	0.0001400	0.0000002	0.0000050	0.0000055	-	0.03	-	0.0015	0.003	-	[Ag]	0.0000050	0.0001400	0.0000710	0.0000050	0.0000055	-	0.03	-	0.0015	0.003	-
		[Al]	0.0139	0.0370	0.0000	0.0139	0.0153	9.5	9.5	-	0.05	0.01	-	[Al]	0.0139	0.0370	0.0001	0.0139	0.0153	9.5	9.5	-	0.05	0.01	-
		[As]	0.00039	0.00390	0.00000	0.00039	0.00043	0.01	0.01	-	-	-	0.005	[As]	0.00039	0.00390	0.00007	0.00040	0.00043	0.01	0.01	-	-	-	0.005
		[B]	0.053	0.100	0.000	0.053	0.058	5	5	-	1.2	-	-	[B]	0.053	0.100	0.000	0.053	0.058	5	5	-	1.2	-	-
		[Ba]	0.044	0.540	0.000	0.044	0.048	-	1	-	-	-	-	[Ba]	0.044	0.540	0.000	0.044	0.048	-	1	-	-	-	-
		[Be]	0.000050	0.000480	0.000000	0.000050	0.000055	-	0.008	-	-	-	-	[Be]	0.000050	0.000480	0.000071	0.000050	0.000055	-	0.008	-	-	-	-
		[Bi]	0.000025	0.000000	0.000000	0.000025	0.000028	-	-	-	-	-	-	[Bi]	0.000025	0.000000	0.000071	0.000025	0.000028	-	-	-	-	-	-
		[Ca]	51.62	0.00	0.00	51.62	56.79	-	-	-	-	-	-	[Ca]	51.62	0.00	0.00	51.62	56.79	-	-	-	-	-	-
		[Cd]	0.0000072	0.0027000	0.0000002	0.0000072	0.0000079	0.005	0.005	0.00024	0.35	1.17	-	[Cd]	0.0000072	0.0027000	0.0000710	0.0000073	0.0000079	0.005	0.005	0.00024	0.35	1.17	-
		[Cl]	0.50	0.00	0.00	0.50	0.55	250	250	-	150	600	-	[Cl]	0.50	0.00	0.00	0.50	0.55	250	250	-	150	600	-
		[Co]	0.000210	0.146980	0.000000	0.000210	0.000231	0.001	0.001	-	0.004	0.11	-	[Co]	0.000210	0.146980	0.000071	0.000220	0.000231	0.001	0.001	-	0.004	0.11	-
		[Cr]	0.00014	0.00130	0.00000	0.00014	0.00015	0.05	0.05	-	-	-	-	[Cr]	0.00014	0.00130	0.00007	0.00014	0.00015	0.05	0.05	-	-	-	-
		[Cu]	0.00035	0.00710	0.00000	0.00035	0.00038	2	1.5	-	-	-	-	[Cu]	0.00035	0.00710	0.00007	0.00035	0.00038	2	1.5	-	-	-	-
		[F]	0.17	0.00	0.00	0.17	0.19	1.5	1.5	-	-	1.60	-	[F]	0.17	0.00	0.00	0.17	0.19	1.5	1.5	-	-	1.60	-
		[Fe]	0.205	0.042	0.000	0.205	0.225	0.3	6.5	-	-	0.35	-	[Fe]	0.205	0.042	0.000	0.205	0.225	0.3	6.5	-	-	0.35	-
		[Hg]	0.0000025	0.0000000	0.0000002	0.0000025	0.0000028	0.001	0.001	-	-	-	-	[Hg]	0.0000025	0.0000000	0.0000710	0.0000025	0.0000028	0.001	0.001	-	-	-	-
		[K]	0.87	0.00	0.00	0.87	0.95	-	-	-	-	-	-	[K]	0.87	0.00	0.00	0.87	0.95	-	-	-	-	-	-
		[Li]	0.0143	0.0000	0.0000	0.0143	0.0157	-	0.008	-	-	-	-	[Li]	0.0143	0.0000	0.0001	0.0143	0.0157	-	0.008	-	-	-	-
		[Mg]	15.94	0.00	0.00	15.94	17.53	-	-	-	-	-	-	[Mg]	15.94	0.00	0.00	15.94	17.53	-	-	-	-	-	-
		[Mn]	0.05	0.27	0.00	0.05	0.06	0.12	1.5	-	1.38	2.68	-	[Mn]	0.05	0.27	0.00	0.05	0.06	0.12	1.5	-	1.38	2.68	-
		[Mo]	0.0007	0.1447	0.0000	0.0007	0.0008	0.088	0.25	-	1	2	-	[Mo]	0.0007	0.1447	0.0001	0.0007	0.0008	0.088	0.25	-	1	2	-
		[Na]	7.42	0.00	0.00	7.42	8.16	-	200	-	-	-	-	[Na]	7.42	0.00	0.00	7.42	8.16	-	200	-	-	-	-
		[NH4]	-	1.5813E-23				-	-	-	-	-	-	[NH4]	-	1.5813E-23				-	-	-	-	-	-
		[Ni]	0.00071	0.38000	0.00000	0.00071	0.00078	0.08	0.08	-	-	-	-	[Ni]	0.00071	0.38000	0.00007	0.00073	0.00078	0.08	0.08	-	-	-	-
		[NO2]	0.0006	0.0000	0.0000	0.0006	0.0006	3	1	-	0.02	0.06	-	[NO2]	0.0006	0.0000	0.0001	0.0006	0.0006	3	1	-	0.02	0.06	-
		[NO3]	0.044	0.500	0.000	0.044	0.048	45	10	3	-	-	-	[NO3]	0.044	0.500	0.000	0.044	0.048	45	10	3	-	-	-
		[P]	0.029	0.000	0.000	0.029	0.032	0.01	-	-	0.005	-	-	[P]	0.029	0.000	0.000	0.029	0.032	0.01	-	-	0.005	-	-
		[Pb]	0.000060	0.001300	0.000000	0.000060	0.000066	0.005	-	-	0.011	0.190	-	[Pb]	0.000060	0.001300	0.000071	0.000060	0.000066	0.005	-	-	0.011	0.190	-
		[S]	11.32	0.00	0.00	11.32	12.45	-	-	-	-	-	-	[S]	11.32	0.00	0.00	11.32	12.45	-	-	-	-	-	-
		[Sb]	0.00008	0.01500	0.00000	0.00008	0.00009	0.06	0.006	-	-	-	-	[Sb]	0.00008	0.01500	0.00007	0.00008	0.00009	0.06	0.006	-	-	-	-
		[Se]	0.00054	0.05781	0.00000	0.00054	0.00059	0.01	0.01	0.019	0.001		-	[Se]	0.00054	0.05781	0.00007	0.00054	0.00059	0.01	0.01	0.019	0.001		-
		[Si]	3.70	0.00	0.00	3.70	4.06	-	-	-	-	-	-	[Si]	3.70	0.00	0.00	3.70	4.06	-	-	-	-	-	-
		[Sn]	0.00008	0.00000	0.00000	0.00008	0.00008	-	2.5	-	-	-	-	[Sn]	0.00008	0.00000	0.00007	0.00008	0.00008	-	2.5	-	-	-	-
		[SO4]	33.05	531.76	0.00	33.05	36.36	500	500	429	309	-	-	[SO4]	33.05	531.76	0.00	33.09	36.36	500	500	429	309	-	-
		[Sr]	0.93	0.00	0.00	0.93	1.02	7	2.5	-	-	-	-	[Sr]	0.93	0.00	0.00	0.93	1.02	7	2.5	-	-	-	-
		[Ti]	0.00044	0.00000	0.00000	0.00044	0.00049	-	-	-	-	-	-	[Ti]	0.00044	0.00000	0.00007	0.00044	0.00049	-	-	-	-	-	-
		[Tl]	0.0000063	0.0000690	0.0000002	0.0000063	0.0000069	-	-	-	-	-	-	[Tl]	0.0000063	0.0000690	0.0000710	0.0000063	0.0000069	-	-	-	-	-	-
		[U]	0.00024	0.01083	0.00000	0.00024	0.00027	0.02	0.02	-	-	-	-	[U]	0.00024	0.01083	0.00007	0.00024	0.00027	0.02	0.02	-	-	-	-
		[V]	0.00028	0.00120	0.00000	0.00028	0.00031	-	0.02	-	-	-	-	[V]	0.00028	0.00120	0.00007	0.00028	0.00031	-	0.02	-	-	-	-
		[Zn]	0.0033	0.0410	0.0000	0.0033	0.0036	3	3	-	0.0859	0.1114	-	[Zn]	0.0033	0.0410	0.0001	0.0033	0.0036	3	3	-	0.0859	0.1114	-
		[Zr]	0.000070	0.000000	0.000000	0.000070	0.000077	-	-	-	-	-	-	[Zr]	0.000070	0.000000	0.000071	0.000070	0.000077	-	-	-	-	-	-

Notes:

Concentration exceeding BC Drinking Water guideline

Concentration exceeding CSR BC Drinking Water guideline

Concentration exceeding EVWQP guideline

Bold values indicate exceeding significance threshold (Increase greater than 10% from the background mean)