




Total Cobalt (ug/L)

Station:	Haggart Creek									Dublin Gulch		Eagle Creek	South McQuesten River
	Upstream								Downstream	W8	DGD	W45	W49
	W25	W22	W4-mix	W29	W99	W5	W23	YT09DD0014	W39				
	Water Quality Objective: 4 ug/L												
2024/11/26			10.4	9.6	8.8		3.8				0.592	0.261	
2024/11/25									2.1800				
2024/11/24		16.0	9.8	9.1	8.4		3.7				0.253	0.242	
2024/11/23								1.9					1.48
2024/11/22		19.4	9.1	8.3	8.0		3.6				0.191	0.198	
2024/11/21	0.35												
2024/11/20		14.6	9.5	8.3	7.9		3.4				0.162	0.253	
2024/11/19													
2024/11/18		13.1	8.6	7.7	7.2	7.6	3.2		1.960		0.182	0.211	
2024/11/17										0.015			
2024/11/16		10.0	7.8	7.2	6.9		3.0				0.207	0.211	
2024/11/15	0.336							1.6					1.54
2024/11/14		11.4	7.7	7.1	6.6		2.9				0.189		
2024/11/13													
2024/11/12		6.8	7.7	6.8	6.4		2.7				0.187	0.198	
2024/11/11						6.4				1.7			
2024/11/10		7.0	7.0	6.6	6.3		2.8				0.169	0.199	
2024/11/09	0.326							1.5					1.57
2024/11/08		5.3	6.6	6.2	5.9		2.6				0.182	0.195	
2024/11/07													
2024/11/06		5.5	6.1	5.7	5.3		2.3				0.181	0.189	
2024/11/05													
2024/11/04		4.9	6.2	5.7	5.3	5.5	2.2		1.380		0.139	0.196	
2024/11/03													
2024/11/02		5.3	5.8	5.3	4.9		2.0				0.144	0.181	


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	Water Quality Objective: 4 ug/L												
2024/11/01	0.46									1.19			0.994
2024/10/31		3.4	4.94	4.54	4.39				1.97		0.183	0.191	
2024/10/30													
2024/10/29		5.0	4.53	4.18	4.18				1.60		0.158	0.324	
2024/10/28													
2024/10/27													
2024/10/26		3.9	3.70	3.89	3.68				1.67			0.277	
2024/10/25	0.1									1.01			0.81
2024/10/24		4.2	3.75	3.76	3.39				1.60			0.259	
2024/10/23													
2024/10/22		3.9	3.59	3.17	3.62				4.34			0.441	
2024/10/21						4.78					1.00		
2024/10/20		3.6	4.77	4.97	4.19				1.56			0.181	
2024/10/19	0.2									0.88			2.17
2024/10/18		2.9	3.73	3.87	3.59				1.47			0.214	
2024/10/17													
2024/10/16		4.9	2.94	2.69	2.60				1.14		0.166	0.217	
2024/10/15													
2024/10/14		6.41	2.67	2.53	2.44				1.15		0.032	0.21	
2024/10/13													
2024/10/12		5.37	2.48	2.19	2.09				1.00			0.205	
2024/10/11	0.2									0.64			1.93
2024/10/10		6.02	2.28	2.16	2.01				0.95			0.234	
2024/10/09													
2024/10/08		4.1	2.00	1.78	1.72				0.85			0.21	


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	Water Quality Objective: 4 ug/L													
2024/10/07						1.90				0.66		0.027		
2024/10/06			3.49	1.82	1.74	1.42			0.71			0.145	0.232	
2024/10/05	0.16									0.46				1.92
2024/10/04			2.30	1.47	1.31	1.28			0.61			0.183	0.227	
2024/10/03														
2024/10/02			1.79	1.32	1.38	1.31			0.68				0.248	
2024/10/01														
2024/09/30			2.25	1.18	1.13	1.08			0.54				0.244	
2024/09/29	0.18									0.57				1.73
2024/09/28			1.99	0.96	1.00	0.89			0.47				0.284	
2024/09/27											0.031			
2024/09/26			2.13	1.00	0.89	0.90			0.42				0.31	
2024/09/25														
2024/09/24			1.64	0.92	0.84	0.99			0.40				0.271	
2024/09/23							0.87			0.50				
2024/09/22			1.34	0.86	0.79	0.80			0.37				0.335	
2024/09/21	0.19									0.34				2.13
2024/09/20			1.75	0.77	0.72	0.68			0.35				0.315	
2024/09/19											0.047			
2024/09/18			1.27	0.73	0.50	0.56			0.28				0.308	
2024/09/17														
2024/09/16			1.22	0.60	0.60	0.57	0.55	0.29		0.56			0.402	
2024/09/15														
2024/09/14			1.07	0.56	0.52	0.47			0.22				0.424	
2024/09/13								0.53						1.77


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Water Quality Objective: 4 ug/L													
2024/09/12		0.78	0.47	0.51	0.48		0.22					0.41	
2024/09/11										0.048			
2024/09/10		0.74	0.47	0.44	0.43		0.24					0.436	
2024/09/09													
2024/09/08		0.68	0.40	0.43	0.41		0.28					0.411	
2024/09/07													
2024/09/06		0.65	0.40	0.44	0.41		0.24	0.64				0.378	1.95
2024/09/05		1.06	0.90	0.68	0.69		0.44					0.464	
2024/09/04		0.55	0.34	0.35	0.27		0.15	0.28				0.406	1.27
2024/09/03		0.57	0.3	0.3	0.30		0.16					0.439	
2024/09/02		0.43	0.29	0.29	0.36	0.42	0.19	0.56	0.83	0.029		0.423	1.29
2024/09/01		0.45	0.30	0.25	0.3		0.15					0.53	
2024/08/31		0.35	0.29	0.29	0.3		0.15	0.71				0.483	1.08
2024/08/30		0.32	0.30	0.25	0.31		0.24					0.553	
2024/08/29		0.34	0.22	0.23	0.25		0.14	0.28				0.505	0.887
2024/08/28	0.24	0.32	0.26	0.26	0.28		0.17					0.619	
2024/08/27		0.24	0.22	0.22	0.3		0.19	0.74				0.553	1.66
2024/08/26		0.24	0.22	0.21	0.28	0.35	0.15		2.02	0.076		0.592	
2024/08/25		0.32	0.24	0.23	0.24		0.13	0.49				0.616	1.15
2024/08/24		0.25	0.17	0.22	0.21		0.13					0.602	
2024/08/23		0.22	0.21	0.23	0.27		0.15	0.66				0.663	1.06
2024/08/22		0.28	0.24	0.23	0.31		0.17					0.691	
2024/08/21		0.22	0.23	0.23	0.28		0.16	0.66				0.714	1.02
2024/08/20		0.30	0.28	0.25	0.39		0.26					0.699	
2024/08/19		0.39	0.21	0.23	0.23		0.15	3.10		0.019		0.76	1.25

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	Upstream								Downstream	W8	DGD	W45	W49
	W25	W22	W4-mix	W29	W99	W5	W23	YT09DD0014	W39				
	Water Quality Objective: 4 ug/L												
2024/08/18		0.43	0.22	0.21	0.23		0.15					0.786	
2024/08/17		0.19	0.14	0.18	0.20		0.16	0.81				0.757	1.12
2024/08/16		0.23	0.16	0.17	0.20		0.17					0.75	
2024/08/15		0.20	0.18	0.18	0.21		0.16	0.54			0.029	0.76	0.992
2024/08/14		0.21	0.20	0.22	0.25		0.17					0.92	
2024/08/13		0.23	0.22	0.23	0.27		0.19	1.01				0.976	0.773
2024/08/12		0.20	0.22	0.26	0.28	0.70	0.25		2.52			0.946	
2024/08/11		0.24	0.90	0.49	0.38		0.22	1.32				0.86	1.16
2024/08/10		0.21	0.18	0.41	0.43		0.40					0.999	
2024/08/09		0.19	0.30	0.29	0.34		0.29	1.34			0.016	0.907	0.755
2024/08/08	0.31	0.21	0.56	0.95	1.02		0.56					1.02	
2024/08/07		0.16	1.11	1.06	1.02		0.48	0.68				1.14	0.938
2024/08/06		0.20	1.09	1.03	0.97		0.51					1.2	
2024/08/05		0.18	1.06	0.93	0.93		0.46	0.93				1.21	1.03
2024/08/04		0.19	1.00	0.95	0.86		0.50					1.25	
2024/08/03		0.23	0.92	0.87	0.94		0.55	1.10				1.25	0.874
2024/08/02		0.20	0.99	0.94	1.01	1.15	0.58		1.38			1.38	
2024/08/01		0.18	1.40	1.14	0.97		0.83	0.74				1.28	0.75
2024/07/31		0.21	0.93	0.76	0.90		0.81					1.54	
2024/07/30		0.21	0.94	0.84	1.74		1.08	2.36				1.54	1.33
2024/07/29		0.19	0.96	0.73	4.43		2.04					1.62	
2024/07/28		0.17	0.95	0.80	0.77		1.18	0.89				1.66	0.792
2024/07/27		0.18	0.93	0.88	0.84		0.47					1.7	
2024/07/26													
2024/07/25		0.24	0.91	0.92	1.03	1.66	0.81		3.92			1.83	

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	Upstream								Downstream	W8	DGD	W45	W49
	W25	W22	W4-mix	W29	W99	W5	W23	YT09DD0014	W39				
	Water Quality Objective: 4 ug/L												
2024/06/29													
2024/06/28													
2024/06/27													
2024/06/26					0.12								
2024/06/25			ND										
2024/06/24													

Notes

- Detection limits vary between different parameters, as well as from sample to sample, so "ND" results are not all directly comparable
- Water Quality Objectives (WQO's) were developed for monitoring stations W4, W29, W99 and W23; however, for comparative purposes all locations within Haggart Creek that contain values above the WQO are highlighted in this report
- Exceedances of WQO may be the result of high background concentrations and so not all exceedances are indicative of project effects