

**Yukon Government Water Quality Results (CN)
Eagle Gold Mine, 2024-11-04 to 2024-11-10**

Cyanide not detected in sample (ND)
 Cyanide detected below applicable guideline
 Cyanide detected above CCME aquatic health guidelines
 No fill: cyanide detected, no applicable guideline
 " - " Indicates no sample collected or no result

		Upstream Downstream									
		Haggart	Haggart	Dublin	Haggart	Eagle	Haggart	Haggart	Haggart	Haggart	S. McQ.
		W25	W22	W8	W4-mix	W45	W29	W99	W23	YT09DD0014	W49
Date											
Cyanide WAD mg/L	2024/11/04	-	0.0058	-	0.0058	ND	0.00522	0.00464	0.00232	-	-
	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	0.00801	-	0.00364	ND	0.00668	0.00551	0.00162	-	-
Aquatic Health Guideline:	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	0.00818	-	0.0063	0.00051	0.00588	0.00619	0.00198	-	-
	2024/11/09	ND	-	-	-	-	-	-	-	0.00145	ND
	2024/11/10	-	0.0112	-	0.00672	0.00185	0.00681	0.00640	0.00093	-	-
0.005											
Cyanide Free mg/L	2024/11/04	-	0.0022	-	0.0022	-	0.0026	0.002	ND	-	-
	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	0.0029	-	0.0023	ND	0.0021	0.0019	ND	-	-
Aquatic Health Guideline:	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	0.0027	-	0.0023	ND	0.0019	0.00200	ND	-	-
	2024/11/09	ND	-	-	-	-	-	-	-	ND	ND
	2024/11/10	-	0.0069	-	0.003	ND	0.0033	0.00280	ND	-	-
0.005											
Cyanide SAD mg/L	2024/11/04	-	0.00776	-	0.00796	ND	0.00704	0.00616	0.00287	-	-
	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	0.00952	-	0.00537	ND	0.00787	0.00617	0.00251	-	-
Aquatic Health Guideline:	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	0.00946	-	0.00871	ND	0.00818	0.00760	0.00322	-	-
	2024/11/09	ND	-	-	-	-	-	-	-	0.0016	ND
	2024/11/10	-	0.0135	-	0.00904	0.00115	0.00856	0.00815	0.00307	-	-
NA											
Thiocyanate CN-CNS mg/L	2024/11/04	-	0.24	-	0.19	ND	0.15	0.1	ND	-	-
	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	0.34	-	0.16	ND	0.19	0.16	0.06	-	-
Aquatic Health Guideline:	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	0.33	-	0.25	ND	0.23	0.2	ND	-	-
	2024/11/09	ND	-	-	-	-	-	-	-	ND	ND
	2024/11/10	-	0.44	-	0.3	ND	0.26	0.17	ND	-	-
NA											
Cyanate CN-CNO mg/L	2024/11/04	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	ND	-	ND	ND	ND	ND	ND	-	-
Aquatic Health Guideline:	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/11/09	ND	-	-	-	-	-	-	-	ND	ND
	2024/11/10	-	ND	-	ND	ND	ND	ND	ND	-	-
NA											

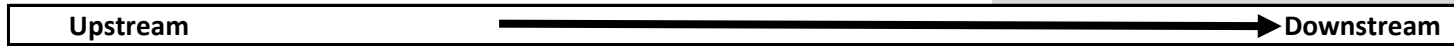
**Note: Detection limits vary between different parameters, as well as from sample to sample, so "ND" results are not all directly comparable

**Yukon Government Water Quality Results (Metals and Other Parameters)
Eagle Gold Mine, 2024-11-04 to 2024-11-10**

Parameters listed in table below indicate exceedances of Eagle Gold's Water Quality Objectives.

No fill: no exceedances of WQO

Indicates no sample collected or results pending



Date	Haggart Creek					
	W25	W22	W4-mix	W29	W99	W23
2024/11/04	-	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	
2024/11/05	-	-	-	-	-	-
2024/11/06	-	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	
2024/11/07	-	-	-	-	-	-
2024/11/08	-	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	
2024/11/09	-	-	-	-	-	-
2024/11/10	-	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	Co-T, Hg-T	Cd-T

Results are compared to the Eagle Gold Water Quality Objectives. These objectives were developed to apply at W4-mix, W29, W99, and W23.

Exceedances may be the result of high background concentrations and not indicative of project effects

Codes:

Co-T Total Cobalt

Hg-T Total Mercury

Cd-T Total Cadmium

**Yukon Government Water Quality Results (Metals and Other Parameters)
Eagle Gold Mine, 2024-11-04 to 2024-11-10**

Red shading indicate exceedances of Eagle Gold's Water Quality Objectives.

No fill: value below WQO

Grey shading indicates no sample collected or results pending

		Upstream							Downstream		
Date		Haggart W25	Haggart W22	Dublin W8	Haggart W4-mix	Eagle W45	Haggart W29	Haggart W99	Haggart W23	Haggart YT09DD0014	S. McQ. W49
Total Mercury ug/L	2024/11/04		0.132		0.0863	0.0032	0.0416	0.028	0.0078		
	2024/11/05										
Water Quality Objective	2024/11/06		0.0395		0.0535	ND	0.0412	0.0291	0.0087		
	2024/11/07										
0.02	2024/11/08		0.094		0.0563	ND	0.0396	0.02640	0.0086		
	2024/11/09										
Total Cobalt ug/L	2024/11/10		0.169		0.0701	ND	0.0459	0.03070	0.0059		
	2024/11/04	-	4.9	-	6.18	0.196	5.65	5.32	2.21	-	-
Water Quality Objective	2024/11/05	-	-	-	-	-	-	-	-	-	-
	2024/11/06	-	5.53	-	6.07	0.189	5.7	5.3	2.28	-	-
4	2024/11/07	-	-	-	-	-	-	-	-	-	-
	2024/11/08	-	5.26	-	6.59	0.195	6.21	5.86	2.61	-	-
	2024/11/09	-	-	-	-	-	-	-	-	-	-
	2024/11/10	-	7.03	-	7.02	0.199	6.55	6.32	2.83	-	-

"ND" stands for 'non-detection', it means concentrations were below the concentrations able to be measured