

Yukon Government Water Quality Results (CN)
Eagle Gold Mine, 2024-11-18 to 2024-11-24

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	2024/11/18	-	0.0227	-	0.00663	ND	0.0064	0.00411	0.00182	-	-
	2024/11/19	-	-	-	-	-	-	-	-	-	-
Aquatic Health Guideline:	2024/11/20	ND	0.0216	-	0.00782	0.00056	0.00782	0.00614	0.00278	-	-
	2024/11/21	-	-	-	-	-	-	-	-	-	-
0.005	2024/11/22	-	0.0278	-	0.00831	ND	0.00797	0.00610	0.00241	-	-
	2024/11/23	-	-	-	-	-	-	-	-	ND	ND
	2024/11/24	-	0.0245	-	0.0107	ND	0.00885	0.00708	0.0021	-	-
Cyanide Free mg/L	2024/11/18	-	0.0042	-	0.0013	ND	0.0014	0.0011	ND	-	-
	2024/11/19	-	-	-	-	-	-	-	-	-	-
Aquatic Health Guideline:	2024/11/20	-	0.0079	-	0.0036	ND	0.0032	0.0025	0.0014	-	-
	2024/11/21	ND	-	-	-	-	-	-	-	-	-
0.005	2024/11/22	-	0.0106	-	0.0033	ND	0.0027	0.00280	0.0018	-	-
	2024/11/23	-	-	-	-	-	-	-	-	ND	0.001
	2024/11/24	-	-	-	-	-	-	-	-	-	-
Cyanide SAD mg/L	2024/11/18	-	0.027	-	0.00908	ND	0.00815	0.00598	0.00256	-	-
	2024/11/19	-	-	-	-	-	-	-	-	-	-
Aquatic Health Guideline:	2024/11/20	ND	0.0256	-	0.011	ND	0.0106	0.0087	0.00335	-	-
	2024/11/21	-	-	-	-	-	-	-	-	-	-
NA	2024/11/22	-	0.0332	-	0.0111	0.00052	0.0113	0.00875	0.00372	-	-
	2024/11/23	-	-	-	-	-	-	-	-	0.00084	0.00073
	2024/11/24	-	0.0296	-	0.0128	ND	0.0112	0.00886	0.00385	-	-
Thiocyanate CN-CNS mg/L	2024/11/18	-	0.79	-	0.36	ND	0.21	0.17	ND	-	-
	2024/11/19	-	-	-	-	-	-	-	-	-	-
Aquatic Health Guideline:	2024/11/20	-	0.88	-	0.38	ND	0.28	0.16	0.11	-	-
	2024/11/21	-	-	-	-	-	-	-	-	-	-
NA	2024/11/22	Results Pending			-	-	-	-	-	-	-
	2024/11/23	-	-	-	-	-	-	-	-	-	-
	2024/11/24	-	-	-	-	-	-	-	-	-	-
Cyanate CN-CNO mg/L	2024/11/18	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/11/19	-	-	-	-	-	-	-	-	-	-
Aquatic Health Guideline:	2024/11/20	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/11/21	-	-	-	-	-	-	-	-	-	-
NA	2024/11/22	Results Pending			-	-	-	-	-	-	-
	2024/11/23	-	-	-	-	-	-	-	-	-	-
	2024/11/24	-	-	-	-	-	-	-	-	-	-

**Note: Detection limits vary between different paramaters, 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, 2024-11-18 to 2024-11-24**

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	-	Results Pending				
2024/11/07	-	-	-	-	-	-
2024/11/08	-					
2024/11/09	-	-	-	-	-	-
2024/11/10	-					

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

**Yukon Government Water Quality Results (Metals and Other Parameters)
Eagle Gold Mine, 2024-11-18 to 2024-11-24**

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				
		Haggart	Haggart	Dublin	Haggart	Eagle	Haggart	Haggart	Haggart	Haggart	S. McQ.
Date		W25	W22	W8	W4-mix	W45	W29	W99	W23	YT09DD0014	W49
Total Mercury ug/L	2024/11/18	-	0.776	-	0.114	ND	0.0685	0.0483	0.0151	-	-
	2024/11/19	Results Pending									
2024/11/20											
2024/11/21											
2024/11/22											
Water Quality Objective	2024/11/23	Results Pending									
	2024/11/24										
0.02	2024/11/24	Results Pending									
Total Cobalt ug/L	2024/11/18	-	13.1	-	8.6	0.211	7.66	7.21	3.16	-	-
	2024/11/19	Results Pending									
2024/11/20											
2024/11/21											
2024/11/22											
Water Quality Objective	2024/11/23	Results Pending									
	2024/11/24										
4	2024/11/24	Results Pending									

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