

Yukon Government Water Quality Results (CN)
Eagle Gold Mine, 2024-10-14 to 2024-10-20

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		
	Date	Haggart W25	Haggart W22	Dublin W8	Haggart W4-mix	Eagle W45	Haggart W29	Haggart W99	Haggart W23	Haggart YT09DD0014	S. McQ. W49
Cyanide WAD mg/L	2024/10/14	-	0.00545	ND	0.00275	0.00089	0.0024	0.00213	0.00096	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	0.00316	-	0.00361	0.0012	0.00324	0.00324	0.00129	-	-
Aquatic Health Guideline:	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	0.00157	-	0.00254	0.00176	0.00454	0.00389	0.00259	-	-
	2024/10/19	ND	-	-	-	-	-	-	-	ND	ND
0.005	2024/10/20	-	0.00462	-	0.00381	ND	0.00549	0.00318	0.00064	-	-
Cyanide Free mg/L	2024/10/14	-	0.0033	ND	0.0018	ND	0.0018	0.0012	ND	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	0.0025	-	0.0012	ND	0.0011	0.0015	ND	-	-
Aquatic Health Guideline:	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	0.0019	-	0.0021	ND	0.0018	0.00150	ND	-	-
	2024/10/19	ND	-	-	-	-	-	-	-	ND	ND
0.005	2024/10/20	-	0.0023	-	0.0023	ND	0.0023	0.00240	ND	-	-
Cyanide SAD mg/L	2024/10/14	-	0.00823	ND	0.00363	0.00103	0.00269	0.00296	0.00108	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	0.00566	-	0.0046	ND	0.00366	0.00361	0.00124	-	-
Aquatic Health Guideline:	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	0.00308	-	0.00411	0.00108	0.00495	0.00472	0.00197	-	-
	2024/10/19	ND	-	-	-	-	-	-	-	0.00119	ND
NA	2024/10/20	-	0.00552	-	0.00601	ND	0.0057	0.00499	0.00127	-	-
Thiocyanate CN-CNS mg/L	2024/10/14	-	0.35	ND	0.07	ND	0.09	ND	0.07	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	0.27	-	0.11	ND	0.08	0.11	ND	-	-
Aquatic Health Guideline:	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	0.16	-	0.1	ND	0.13	0.1	ND	-	-
	2024/10/19	ND	-	-	-	-	-	-	-	ND	0.05
NA	2024/10/20	-	0.24	-	0.18	ND	0.18	0.12000	ND	-	-
Cyanate CN-CNO mg/L	2024/10/14	-	ND	ND	ND	ND	ND	ND	ND	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	ND	-	ND	ND	ND	ND	ND	-	-
Aquatic Health Guideline:	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	0.17	-	ND	ND	ND	ND	ND	-	-
	2024/10/19	ND	-	-	-	-	-	-	-	ND	ND
NA	2024/10/20	-	ND	-	ND	ND	ND	ND	ND	-	-

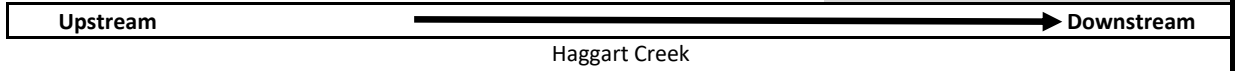
**Note: Detection limits vary between different parameters, as well as from sample to sample, so "ND" results are not all directly comparable

**Yukon Government Water Quality Results (Metals and Other Parameters)
Eagle Gold Mine, 2024-10-14 to 2024-10-20**

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	W25	W22	W4-mix	W29	W99	W23
2024/10/14	-	Hg-T, Co-T	Hg-T	Hg-T	Hg-T	
2024/10/15	-	-	-	-	-	-
2024/10/16	-	Hg-T, Co-T	Hg-T	Hg-T	Hg-T	
2024/10/17	-	-	-	-	-	-
2024/10/18	-	Hg-T	Hg-T	Hg-T	Hg-T	
2024/10/19	-	-	-	-	-	-
2024/10/20	-	Hg-T	Hg-T, Co-T	Hg-T, Co-T	Hg-T, Co-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

Yukon Government Water Quality Results (Metals and Other Parameters)
Eagle Gold Mine, 2024-10-14 to 2024-10-20

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	2024/10/14	-	0.122	ND	0.0384	ND	0.0296	0.0247	0.0096	-	-
	2024/10/15	-	-	-	-	-	-	-	-	-	-
Water Quality Objective	2024/10/16	-	0.127	-	0.0428	ND	0.0392	0.0313	0.0115	-	-
	2024/10/17	-	-	-	-	-	-	-	-	-	-
0.02	2024/10/18	-	0.122	-	0.0718	ND	0.0562	0.03910	0.0134	-	-
	2024/10/19	0.0023	-	-	-	-	-	-	-	0.0087	ND
Total Cobalt ug/L	2024/10/20	-	0.146	-	0.0689	ND	0.0686	0.04130	0.0094	-	-
	2024/10/14	-	6.41	0.0321	2.67	0.21	2.53	2.44	1.15	-	-
Water Quality Objective	2024/10/15	-	-	-	-	-	-	-	-	-	-
	2024/10/16	-	4.89	-	2.94	0.217	2.69	2.6	1.14	-	-
4	2024/10/17	-	-	-	-	-	-	-	-	-	-
	2024/10/18	-	2.85	-	3.73	0.214	3.87	3.59	1.47	-	-
4	2024/10/19	-	-	-	-	-	-	-	-	0.881	2.17
	2024/10/20	-	3.59	-	4.77	0.181	4.97	4.19	1.56	-	-

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