

**Yukon Government Water Quality Results (CN)**  
**Eagle Gold Mine, 2024-09-30 to 2024-10-06**

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										
<b>Cyanide WAD mg/L</b>	2024/09/30	-	0.00202	-	0.00158	ND	0.00061	ND	0.00092	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
	2024/10/02	-	0.00183	-	0.00183	ND	0.00076	0.00061	ND	-	-
Aquatic Health Guideline:	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	0.00343	-	0.00249	0.00112	0.00154	0.00137	ND	-	-
	2024/10/05	ND	-	-	-	-	-	-	-	0.0006	ND
	2024/10/06	-	0.00354	-	0.00225	0.00095	0.00138	0.00129	ND	-	-
<b>0.005</b>											
<b>Cyanide Free mg/L</b>	2024/09/30	-	0.0015	-	ND	ND	ND	ND	ND	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
	2024/10/02	-	0.0014	-	0.0014	ND	ND	ND	ND	-	-
Aquatic Health Guideline:	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	0.0016	-	0.0021	ND	0.0013	ND	ND	-	-
	2024/10/05	-	-	-	-	-	-	-	-	-	-
	2024/10/06	-	0.0033	-	0.0012	ND	0.0012	0.00120	ND	-	-
<b>0.005</b>											
<b>Cyanide SAD mg/L</b>	2024/09/30	-	0.00323	-	0.00176	ND	0.00128	0.00112	0.00092	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
	2024/10/02	-	0.00266	-	0.00169	ND	0.00117	0.00131	0.00063	-	-
Aquatic Health Guideline:	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	0.00316	-	0.00307	0.00082	0.00178	0.00156	0.00084	-	-
	2024/10/05	ND	-	-	-	-	-	-	-	ND	ND
	2024/10/06	-	0.00477	-	0.0021	0.00058	0.00176	0.00171	0.00055	-	-
<b>NA</b>											
<b>Thiocyanate CN-CNS mg/L</b>	2024/09/30	-	0.08	-	ND	ND	ND	ND	ND	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
	2024/10/02	-	0.05	-	ND	ND	ND	ND	ND	-	-
Aquatic Health Guideline:	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	0.14	-	0.09	ND	ND	0.07	ND	-	-
	2024/10/05	ND	-	-	-	-	-	-	-	ND	ND
	2024/10/06	-	0.17	-	ND	ND	ND	ND	ND	-	-
<b>NA</b>											
<b>Cyanate CN-CNO mg/L</b>	2024/09/30	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
	2024/10/02	-	ND	-	0.075	ND	ND	ND	ND	-	-
Aquatic Health Guideline:	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	ND	-	ND	ND	ND	ND	ND	-	-
	2024/10/05	ND	-	-	-	-	-	-	-	ND	ND
	2024/10/06	-	ND	-	ND	ND	ND	ND	ND	-	-
<b>NA</b>											

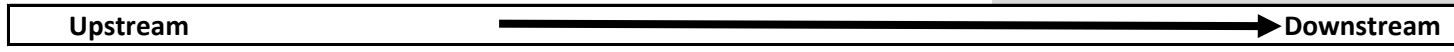
\*\*Note: Detection limits vary between different parameters, as well as from sample to sample, so "ND" results are not all directly comparable

**Yukon Government Water Quality Results (Metals and Other Parameters)  
Eagle Gold Mine, 2024-09-30 to 2024-10-06**

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
2024/09/30	-	Hg-T	Hg-T	Hg-T	Hg-T	
2024/10/01	-	-	-	-	-	-
2024/10/02	-	Hg-T	Hg-T	Hg-T	Hg-T	
2024/10/03	-	-	-	-	-	-
2024/10/04	-	Hg-T	Hg-T	Hg-T	Hg-T	
2024/10/05		-	-	-	-	-
2024/10/06	-	Hg-T	Hg-T	Hg-T	Hg-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:

Hg-T Total Mercury

**Yukon Government Water Quality Results (Metals and Other Parameters)  
Eagle Gold Mine, 2024-09-30 to 2024-10-06**

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

		<b>Upstream</b>					<b>Downstream</b>				
	<b>Date</b>	Haggart <b>W25</b>	Haggart <b>W22</b>	Dublin <b>W8</b>	Haggart <b>W4-mix</b>	Eagle <b>W45</b>	Haggart <b>W29</b>	Haggart <b>W99</b>	Haggart <b>W23</b>	Haggart <b>YT09DD0014</b>	S. McQ. <b>W49</b>
<b>Total Mercury ug/L</b>	2024/09/30	-	0.0542	-	0.0298	ND	0.024	0.021	0.008	-	-
	2024/10/01	-	-	-	-	-	-	-	-	-	-
<b>Water Quality Objective</b>	2024/10/02	-	0.0569	-	0.0333	ND	0.0266	0.0243	0.0084	-	-
	2024/10/03	-	-	-	-	-	-	-	-	-	-
	2024/10/04	-	0.0605	-	0.0289	ND	0.0255	0.02370	0.0089	-	-
	2024/10/05	ND	-	-	-	-	-	-	-	0.0046	ND
	2024/10/06	-	0.114	-	0.0387	ND	0.0324	0.02560	0.009	-	-
<b>0.002</b>											

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