

## Government of Yukon water quality results - Eagle Gold Mine, June 25-26, 2024

Cyanide not detected in sample

Cyanide detected below, or with no applicable guideline

Cyanide detected above aquatic health guidelines

### Cyanide Results

All results provided in mg/L; ND indicates 'not detected'

Form of Cyanide:		WAD Cyanide	Free Cyanide	SAD Cyanide	Thiocyanate	Cyanate
Aquatic Life Guidelines:		0.005	0.005	-	-	-
<b>Downstream surface water locations</b>						
DG-1	Jun 25/24	ND		ND		
W4-mix	Jun 25/24	0.04		0.049		
W99	Jun 26/24	ND		ND	ND	ND
<b>Mine site locations (water contained by water management infrastructure)</b>						
DG-2	Jun 25/24	8.58		11.7		
ISH	Jun 25/24	0.001		0.0023		

### Metals and other parameters

		Guideline comparison results*
<b>Downstream surface water locations</b>		
W4-mix	Jun 25/24	No exceedances
W99	Jun 26/24	No exceedances

\*Haggart Creek monitoring results are compared to water quality objectives for the following parameters:

Total metals: antimony, arsenic, cadmium, cobalt, copper, iron, mercury, manganese, molybdenum, nickel, lead, selenium, silver, uranium, zinc

Dissolved metals: aluminum

Other: chloride, sulphate, ammonia, nitrate, nitrite

\* South McQuesten River results are compared to water quality objectives ([\(Minnow, 2022\)](#)) or aquatic health guidelines where no site specific objectives exist.