

09 July 2025

Richard Dwyer
Manager of Licencing
Nunavut Water Board
PO Box 119
Gjoa Haven, NU
X0B 1J0

Dear Mr. Dwyer,

Re. 2BM-ULU2030 Part J Item 14 – Monthly Monitoring Program, JUNE

Further to Part J Item 14 of 2BM-ULU2030, Blue Star Gold Corp. (Blue Star) is pleased to provide the following in fulfillment of monthly monitoring requirements during periods of site activity. Activities ongoing at Ulu Camp throughout June included camp operations, compliance monitoring, waste management, and exploration.

Please note that we had not received the results at the time the May 2025 report was sent. The results for the monitoring stations listed in Table 1 are now provided in Table 3 for May and Table 4 for June.

Table1. Applicable monitoring stations, **JUNE 2025** (active site)

Station ID	Station Description	Comment
ULU-1	Water Intake at West Lake	See Table 2 & Table 4
ULU-2	Sewage effluent discharge point	Inactive, facility decommissioned
ULU-3	Sewage effluent discharge point	Inactive, facility decommissioned
ULU-4	Mine water pumped from underground Mine Sump	No underground operations. Not discharging
ULU-4b	Portal Surface Retention Pond	See Table 4
ULU-5	Settling/Neutralization Pond	Pond not constructed
ULU-6	Settling/Neutralization Pond	Pond not constructed
ULU-7	Runoff from Waste Rock Pile	Not flowing.
ULU-8	Runoff from Ore Pad	See Table 3 & Table 4
ULU-9	Outflow from East Lake	See Table 4
ULU-10	Ulu Lake Inflow from East Lake	Inactive, facility decommissioned
ULU-11	Ulu Lake Outflow	See Table 4
ULU-12	Domestic water intake for new camp	New camp not constructed
ULU-13	Soil treatment facility water holding pond	Pond not constructed
ULU-14	Airstrip Bulk Fuel Storage Facility	Not yet constructed for the season
ULU-15	Landfill Facility	See Table 3
MW-1, -2, -3	Monitoring well at soil treatment facility	Facility not constructed; wells not installed

Table 2. ULU-1 Daily volume, **JUNE 2025** (domestic and drilling water use).

Date	Volume (m ³)			
	Domestic	Drilling	Core cutting*	Total
1	2.184	-	-	2.184
2	2.535	-	-	2.535
3	2.04	-	-	2.04
4	2.164	-	-	2.164
5	2.69	-	-	2.69
6	2.886	-	-	2.886
7	1.98	-	-	1.98
8	1.724	-	-	1.724
9	1.868	-	-	1.868
10	1.506	-	-	1.506
11	2.016	-	-	2.016
12	1.99	-	-	1.99
13	2.26	-	-	2.26
14	1.8	-	-	1.8
15	2.42	-	-	2.42
16	2.124	-	-	2.124
17	2.841	-	-	2.841
18	2.351	-	-	2.351
19	2.76	-	-	2.76
20	2.798	-	-	2.798
21	4.04	-	-	4.04
22	2.75	-	-	2.75
23	3.64	-	-	3.64
24	2.9	-	-	2.9
25	3.103	-	-	3.103
26	3.90	-	-	3.90
27	2.97	-	-	2.97
28	2.61	-	-	2.61
29	15.04	-	-	15.04
30	13.79	-	-	13.79
*core cutting water is included in the domestic extraction				

Table 3. Results for Compliance Stations, **MAY 2025**.

	Units	Detection Limits	ULU-08	ULU-15
Date			May 31	May 31
pH	Field		6.47	7.2
	Lab		6.68	7.51
Conductivity	uS/cm	2.0	540	330
Total Suspended Solids	mg/L	1.0	25	2.6
Total Dissolved Solids		10	320	190
Alkalinity (PP as CaCO3)	mg/L	1.0	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1.0	22	77
Chloride (Cl)	mg/L	1.0	11	4.5
Sulphate (SO4)	mg/L	1.0	220	78
Fecal Coliforms	CFU/100 mL	1	n/a	n/a
Total Ammonia (N)	mg/L	0.015	0.029	0.016
Dissolved Nitrite (N)	mg/L	0.040	<0.040	<0.040
Dissolved Nitrate (N)	mg/L	0.040	0.17	0.51
Turbidity	NTU	0.1	6.7	3.7
Total Mercury (Hg)	ug/L	0.0019	0.0056	0.0023
Total Arsenic (As)	ug/L	0.020	1.90	1.35
Total Cadmium (Cd)	ug/L	0.0050	0.0740	0.0886
Total Calcium (Ca)	ug/L	0.050	72.8	48.3
Total Copper (Cu)	ug/L	0.050	3.62	3.20
Total Lead (Pb)	ug/L	0.0050	0.253	0.152
Total Nickel (Ni)	ug/L	0.020	6.94	1.17
Total Sodium (Na)	ug/L	0.050	9.74	4.96
Total Zinc (Zn)	ug/L	0.10	44.0	8.14
F1 (C6-C10) BTEX	ug/L	100	n/a	<100
F2 (C10-C16 Hydrocarbons)	ug/L	0.10	n/a	<0.10
F3 (C16-C34 Hydrocarbons)	ug/L	0.10	n/a	0.16
F4 (C35-C50 Hydrocarbons)	ug/L	0.20	n/a	<0.20

Table 4. Results for Compliance Stations, JUNE 2025.

	Units	Detection Limits	ULU-8A	ULU-4a	ULU-1	ULU-8	ULU-9	ULU-11
Date			June 06	June 10	June 10	June 22	June 25	June 25
pH	Field		7.40	6.92	7.08	7.4	7.27	7.11
	Lab		7.04	6.60	6.64	6.38	6.25	7.13
Conductivity	uS/cm	2.0	890	120	75	840	83	83
Total Suspended Solids	mg/L	1.0	7.3	2.6	<1.0	21	1.0	1.0
Total Dissolved Solids		10	640	76	44	640	56	52
Alkalinity (PP as CaCO3)	mg/L	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1.0	41	16	7.4	34	8.9	8.5
Chloride (Cl)	mg/L	1.0	1.2	5.8	1.8	15	<1.0	<1.0
Sulphate (SO4)	mg/L	1.0	420	31	22	380	25	27
Fecal Coliforms	CFU/100 mL	1	n/a	n/a	n/a	n/a	<1.0	<1.0
Total Ammonia (N)	mg/L	0.015	0.040	<0.015	<0.015	0.017	<0.015	<0.015
Dissolved Nitrite (N)	mg/L	0.01	<0.040	<0.13	<0.13	<0.040	<0.040	<0.040
Dissolved Nitrate (N)	mg/L	0.01	0.65	0.12	<0.040	0.20	<0.040	<0.040
Turbidity	NTU	0.1	8.0	6.6	0.10	2.4	0.11	0.15
Total Mercury (Hg)	ug/L	0.0019	0.0027	0.0032	0.0024	<0.0019	<0.0019	<0.0019
Total Arsenic (As)	ug/L	0.020	4.18	1.52	0.084	1.17	0.203	0.061
Total Cadmium (Cd)	ug/L	0.0050	0.270	0.205	0.0077	0.0273	0.0251	0.0139
Total Calcium (Ca)	ug/L	0.050	160	11.0	6.08	123	7.45	5.92
Total Copper (Cu)	ug/L	0.050	7.28	7.42	3.73	1.86	2.03	2.16
Total Lead (Pb)	ug/L	0.0050	1.01	0.301	0.0203	0.029	<0.020	0.0220
Total Nickel (Ni)	ug/L	0.020	23.3	8.34	2.05	4.34	1.56	4.12
Total Sodium (Na)	ug/L	0.050	3.74	4.47	1.43	13.2	1.89	1.31
Total Zinc (Zn)	ug/L	0.10	106	151	3.48	21.4	5.4	10.4
F1 (C6-C10) BTEX	ug/L	100	n/a	n/a	n/a	n/a	n/a	n/a
F2 (C10-C16 Hydrocarbons)	ug/L	0.10	n/a	n/a	n/a	n/a	n/a	n/a
F3 (C16-C34 Hydrocarbons)	ug/L	0.10	n/a	n/a	n/a	n/a	n/a	n/a
F4 (C35-C50 Hydrocarbons)	ug/L	0.20	n/a	n/a	n/a	n/a	n/a	n/a

If you have any questions or concerns about this report, please don't hesitate to reach out.

Kindest regards,

Annabelle Perry

Environmental Technician

Blue Star Gold Corp.

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cc. T. Bolt, Kitikmeot Inuit Association
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