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September 04, 2025

Richard Dwyer
Manager of Licencing
Nunavut Water Board
PO Box 119
Gjoa Haven, NU
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Dear Mr. Dwyer,

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

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 August included camp operations, compliance monitoring, waste management, and exploration.

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

Table 1. Applicable monitoring stations, **AUGUST 2025** (active site)

Station ID	Station Description	Comment
ULU-1	Water Intake at West Lake	See Table 2
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	Not discharging
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	Not flowing
ULU-10	Ulu Lake Inflow from East Lake	Inactive, facility decommissioned
ULU-11	Ulu Lake Outflow	See Table 3 & 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 discharging
ULU-15	Landfill Facility	Not flowing
MW-1, -2, -3	Monitoring well at soil treatment facility	Facility not constructed; wells not installed

Table 2. ULU-1 Daily volume, **AUGUST 2025**; domestic water is sourced from West Lake (ULU-1).

Date	Volume (m ³)			
	Domestic	Drilling	Core cutting*	Total
1	3.42	0	-	3.42
2	4.70	0	-	4.70
3	3.25	0	-	3.25
4	3.43	0	-	3.43
5	3.82	0	-	3.82
6	3.09	0	-	3.09
7	3.66	27.85	-	31.51
8	3.76	32.16	-	35.92
9	3.42	28.45	-	31.87
10	4.39	26.08	-	30.47
11	3.61	29.58	-	33.19
12	3.46	31.63	-	35.09
13	4.18	31.34	-	35.52
14	4.03	23.52	-	27.55
15	3.36	20.65	-	24.01
16	4.04	16.3	-	20.34
17	3.8	30.66	-	34.46
18	4.38	16.27	-	20.65
19	3.51	33.02	-	36.53
20	5.83	30.36	-	36.19
21	2.81	32.01	-	34.82
22	3.75	32.62	-	36.37
23	4.07	31.6	-	35.67
24	3.86	21.13	-	24.99
25	4.02	32.46	-	36.48
26	4.36	31.41	-	35.77
27	5.00	32.35	-	37.35
28	2.78	32.59	-	35.37
29	3.65	9.35	-	13.00
30	3.51	0	-	3.51
31	3.42	0	-	3.42
Total				751.76
*core cutting water is included in the domestic extraction				

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

	Units	Detection Limits	ULU-8	ULU-11
Date			July 28	July 23
pH	Field		6.60	7.23
	Lab		6.44	6.52
Conductivity	uS/cm	2	960	80
Total Suspended Solids	mg/L	1	2.7	<1.0
Total Dissolved Solids	mg/L	10	790	48
Alkalinity (PP as CaCO3)	mg/L	1	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1	37	5.7
Chloride (Cl)	mg/L	1	17	<1.0
Sulphate (SO4)	mg/L	1	440	25
Fecal Coliforms	CFU/100mL	1	n/a	<1
Total Ammonia (N)	mg/L	0.015	0.038	<0.015
Dissolved Nitrite (N)	mg/L	0.01	<0.040	<0.040
Dissolved Nitrate (N)	mg/L	0.01	0.99	<0.040
Turbidity	NTU	0.1	<0.10	<0.10
Total Mercury (Hg)	ug/L	0.0019	<0.019	<0.0019
Total Arsenic (As)	ug/L	0.02	0.77	0.087
Total Cadmium (Cd)	ug/L	0.005	0.208	0.0088
Total Calcium (Ca)	ug/L	0.05	155	5.86
Total Copper (Cu)	ug/L	0.05	1.72	1.78
Total Lead (Pb)	ug/L	0.005	<0.025	0.0122
Total Nickel (Ni)	ug/L	0.02	15.4	2.09
Total Sodium (Na)	ug/L	0.05	16.2	1.31
Total Zinc (Zn)	ug/L	0.1	135	4.64
F1 (C6-C10) BTEX	ug/L	100	n/a	n/a
F2 (C10-C16 Hydrocarbons)	ug/L	0.1	n/a	n/a
F3 (C16-C34 Hydrocarbons)	ug/L	0.1	n/a	n/a
F4 (C35-C50 Hydrocarbons)	ug/L	0.2	n/a	n/a

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

	Units	Detection Limits	ULU-8	ULU-11
Date			August 18	August 18
pH	Field		6.60	7.18
	Lab		7.15	7.79
Conductivity	uS/cm	2	1100	80
Total Suspended Solids	mg/L	1	9.5	2.3
Total Dissolved Solids	mg/L	10	770	48
Alkalinity (PP as CaCO3)	mg/L	1	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1	31	9.4
Chloride (Cl)	mg/L	1	50	<1.0
Sulphate (SO4)	mg/L	1	460	26
Fecal Coliforms	CFU/100mL	1	n/a	<1
Total Ammonia (N)	mg/L	0.015	<0.015	<0.015
Dissolved Nitrite (N)	mg/L	0.01	<0.040	<0.040
Dissolved Nitrate (N)	mg/L	0.01	2.2	<0.18
Turbidity	NTU	0.1	0.21	0.14
Total Mercury (Hg)	ug/L	0.0019	<0.0019	<0.0019
Total Arsenic (As)	ug/L	0.02	0.851	0.083
Total Cadmium (Cd)	ug/L	0.005	0.160	0.0067
Total Calcium (Ca)	ug/L	0.05	144	5.96
Total Copper (Cu)	ug/L	0.05	1.61	1.81
Total Lead (Pb)	ug/L	0.005	<0.0050	<0.020
Total Nickel (Ni)	ug/L	0.02	12.4	1.90
Total Sodium (Na)	ug/L	0.05	32.4	1.48
Total Zinc (Zn)	ug/L	0.1	135	4.4
F1 (C6-C10) BTEX	ug/L	100	n/a	n/a
F2 (C10-C16 Hydrocarbons)	ug/L	0.1	n/a	n/a
F3 (C16-C34 Hydrocarbons)	ug/L	0.1	n/a	n/a
F4 (C35-C50 Hydrocarbons)	ug/L	0.2	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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