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14 August 2024

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, JULY**

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 July included camp operations, compliance monitoring, waste management, exploration, and drilling. Results for monitoring stations listed in Table 1 are provided in Table 3.

**Table1. Applicable monitoring stations, July 2024**

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

Table 2. ULU-1 Daily volume, **July 2024** (domestic and drilling water use)

Date	Volume (m <sup>3</sup> )		
	Domestic*	Drilling	Total
1	1.92	0.00	1.92
2	2.4	0.00	2.4
3	2.81	0.00	2.81
4	2.28	0.00	2.28
5	2.48	27.28	29.76
6	2.89	113.63	116.52
7	3.77	113.63	117.4
8	3.1	113.63	116.73
9	3.12	113.63	116.75
10	3.28	27.28	30.56
11	5.81	29.54	35.35
12	3.25	59.07	62.32
13	4.1	113.63	117.73
14	3.69	113.63	117.32
15	4.78	113.63	118.41
16	3.49	113.63	117.12
17	5.25	113.63	118.88
18	4.12	86.35	90.47
19	3.78	113.63	117.41
20	3.956	84.10	88.056
21	3.99	41.85	45.84
22	3.686	108.90	112.586
23	4.225	121.45	125.675
24	2.562	127.96	130.522
25	2.05	48.77	50.82
26	3.204	80.76	83.964
27	2.617	94.55	97.167
28	2.19	75.96	78.15
29	2.705	132.00	134.705
30	2.385	123.18	125.565
31	2.392	125.44	127.832
*Core-cutting water is included in the domestic extraction			

Table 3. Results for Compliance Stations, July 2024

	Units	Detection Limits	ULU-8	ULU-8A	ULU-9	ULU-11
Date			July 15	July 19	July 10	July 10
pH	Field		6.54	7.2	7.15	7.11
	Lab		6.61	6.78	6.25	6.47
Conductivity	uS/cm	2.0	1000	950	97	63
Total Suspended Solids	mg/L	1.0	10	<1.0	<1.0	<1.0
Total Dissolved Solids	mg/L	10	760	670	72	48
Alkalinity (PP as CaCO3)	mg/L	1.0	<1.0	<1.0	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1.0	33	36	9.1	5.9
Chloride (Cl)	mg/L	1.0	31	21	3.8	1.2
Sulphate (SO4)	mg/L	1.0	370	400	31	22
Fecal Coliforms	CFU/100 mL	1	n/a	n/a	<1.0	<1.0
Total Ammonia (N)	mg/L	0.015	<0.015	0.94	<0.015	<0.015
Dissolved Nitrite (N)	mg/L	0.01	<0.010	0.011	<0.010	<0.010
Dissolved Nitrate (N)	mg/L	0.01	1.5	1.8	0.032	0.020
Turbidity	NTU	0.10	2.4	1.5	0.11	0.11
Total Mercury (Hg)	ug/L	0.0019	0.0021	0.0024	<0.0019	<0.0019
Total Arsenic (As)	ug/L	0.020	2.05	1.80	0.223	0.060
Total Cadmium (Cd)	ug/L	0.0050	0.0528	0.216	0.0231	0.0077
Total Calcium (Ca)	ug/L	0.050	167	137	9.49	4.81
Total Copper (Cu)	ug/L	0.050	2.38	1.86	1.54	1.77
Total Lead (Pb)	ug/L	0.0050	0.055	0.159	0.0066	0.0127
Total Nickel (Ni)	ug/L	0.020	4.63	12.2	1.34	2.38
Total Sodium (Na)	ug/L	0.050	31.0	18.6	2.74	1.05
Total Zinc (Zn)	ug/L	0.10	26.0	120	4.12	5.82
F1 (C6-C10) - BTEX	ug/L	100	n/a	n/a	n/a	n/a
F2 (C10-C16 Hydrocarbons)	mg/L	0.10	n/a	n/a	n/a	n/a
F3 (C16-C34 Hydrocarbons)	mg/L	0.10	n/a	n/a	n/a	n/a
F4 (C34-C50 Hydrocarbons)	mg/L	0.20	n/a	n/a	n/a	n/a

Please don't hesitate to reach out if you have any questions or concerns about this report.

Kindest regards,

Annabelle Perry

Environmental Technician

Blue Star Gold Corp.

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778-379-1433

cc.      Lands & Project Officer, Kitikmeot Inuit Association  
            J. Bolt, Crown-Indigenous Relations and Northern Affairs Canada  
            D. Lindsay, Blue Star Gold Corp