



Suite 507-700 W. Pender Street,
Vancouver, BC V6C 1G8
CANADA
Tel: +1.778.379.1433

30 July 2021

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 2021

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 throughout July included camp operations, compliance monitoring, waste management, progressive reclamation including landfilling, and exploration including diamond drilling. Results for monitoring stations listed in Table 1 are provided in tables 2 and 3.

Table1. Applicable monitoring stations, July 2021 (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 treatment facility sludge	Inactive, facility decommissioned
ULU-4	Minewater pumped from underground Mine Sump	Not discharging
ULU-4b	Surface retention pond	Pond not constructed
ULU-5	Settling/Neutralization Pond 1	Pond not constructed
ULU-6	Settling/Neutralization Pond 1	Pond not constructed
ULU-7	Runoff from the waste rock storage area	No flow observed
ULU-8	Runoff from the ore storage area	No flow observed
ULU-9	Outflow East Lake	No flow observed
ULU-10	Inflow Ulu Lake from East Lake	Inactive, facility decommissioned
ULU-11	Outflow Ulu Lake	See Table 3
ULU-12	Domestic water intake for new camp	New camp not constructed
ULU-13	Soil treatment facility water holding pond	Facility not yet constructed
ULU-14	Bulk fuel storage facility	No discharge in July
ULU-15	Landfill facility	Landfilling underway, no run-off observed.
MW-1, -2, -3	Monitoring wells at soil treatment facility.	Facility not constructed, wells not installed

Table 2. ULU-1 Daily volume, June 2021 (domestic and drilling water use).

Date	Volume (m ³)			
	Domestic	Drilling	Core cutting	Total
1	1.85			1.85
2	1.40			1.40
3	2.24			2.24
4	2.10			2.10
5	2.49			2.49
6	2.76			2.76
7	1.97			1.97
8	4.07			4.07
9	2.03			2.03
10	2.88			2.88
11	0.81			0.81
12	2.58			2.58
13	2.71			2.71
14	1.33			1.33
15	3.01			3.01
16	1.53			1.53
17	3.34			3.34
18	2.14			2.14
19	3.39			3.39
20	2.33			2.33
21	2.21	45.4		47.6
22	2.69	45.4	0.83	48.9
23	2.08	45.4		47.5
24	3.23		0.83	4.06
25	2.21		0.83	3.04
26	3.78			3.78
27	1.81		0.83	2.64
28	4.47			4.47
29	5.59		0.83	6.42
30	3.93		0.83	4.76
31	2.85			2.85

Table 3. Results for ULU-7, ULU-8, ULU-9, ULU-11, ULU-15 and ULU-15, July 2021.

	Units	ULU-7	ULU-8	ULU-9	ULU-11	ULU-14	ULU-15
Date		29-Jul	29-Jul	26-Jul	26-Jul	-	-
Flow	<i>L/sec</i>	-	-	-	-	-	-
pH	<i>Field</i>	-	-	-	7.22	-	-
	<i>Lab</i>	-	-	-	7.44	-	-
Conductivity	<i>uS/cm</i>	-	-	-	-	-	-
Total Suspended Solids	<i>mg/L</i>	-	-	-	1.5	-	-
Alkalinity (PP as CaCO3)	<i>mg/L</i>	-	-	-	-	-	-
Alkalinity (Total as CaCO3)	<i>mg/L</i>	-	-	-	-	-	-
Dissolved Chloride (Cl)	<i>mg/L</i>	-	-	-	-	-	-
Dissolved Sulphate (SO4)	<i>mg/L</i>	-	-	-	-	-	-
Fecal Coliforms	<i>MPN/100mL</i>	-	-	-	<1.0	-	-
Total Ammonia (N)	<i>mg/L</i>	-	-	-	-	-	-
Dissolved Nitrite (N)	<i>mg/L</i>	-	-	-	-	-	-
Dissolved Nitrate (N)	<i>mg/L</i>	-	-	-	-	-	-
Turbidity	<i>NTU</i>	-	-	-	-	-	-
Total Mercury (Hg)	<i>ug/L</i>	-	-	-	<0.0019	-	-
Total Arsenic (As)	<i>ug/L</i>	-	-	-	0.082	-	-
Total Cadmium (Cd)	<i>ug/L</i>	-	-	-	0.0115	-	-
Total Copper (Cu)	<i>ug/L</i>	-	-	-	2.26	-	-
Total Lead (Pb)	<i>ug/L</i>	-	-	-	0.0078	-	-
Total Nickel (Ni)	<i>ug/L</i>	-	-	-	1.58	-	-
Total Zinc (Zn)	<i>ug/L</i>	-	-	-	0.98	-	-
F2 (C10-C16 Hydrocarbons)	<i>mg/L</i>	-	-	-	-	-	-
F3 (C16-C34 Hydrocarbons)	<i>mg/L</i>	-	-	-	-	-	-
F4 (C34-C50 Hydrocarbons)	<i>mg/L</i>	-	-	-	-	-	-
Benzene	<i>ug/L</i>	-	-	-	-	-	-
Toluene	<i>ug/L</i>	-	-	-	-	-	-
Ethylbenzene	<i>ug/L</i>	-	-	-	-	-	-
m & p-Xylene	<i>ug/L</i>	-	-	-	-	-	-
o-Xylene	<i>ug/L</i>	-	-	-	-	-	-
Xylenes (Total)	<i>ug/L</i>	-	-	-	-	-	-
F1 (C6-C10) - BTEX	<i>ug/L</i>	-	-	-	-	-	-
F1 (C6-C10)	<i>ug/L</i>	-	-	-	-	-	-

Should you have any questions about this report, don't hesitate to reach out.

Regards,

A handwritten signature in blue ink, appearing to read 'Sharleen Hamm'.

Sharleen Hamm, R.P.Bio.

Advisor

Blue Star Gold Corp.

Sharleen.hamm@bluestargold.ca

604.996.1110

cc. W. Kuliktana, Kitikmeot Inuit Association
 B. Pedersen, Crown-Indigenous Relations and Northern Affairs Canada
 S. Kuflevskiy, Nunavut Water Board
 D. Lindsay, Blue Star Gold Corp.
 L. West, Blue Star Gold Corp.