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August 14, 2023

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, July 2023

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, and exploration. Results for monitoring stations listed in Table 1 are provided in Table 3.

Table1. Applicable monitoring stations, July 2023 (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	See table 3
ULU-9	Outflow East Lake	See table 3
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ULU-14	Bulk fuel storage facility	Temporarily withdrawn from service
ULU-15	Landfill facility	See table 3
MW-1, -2, -3	Monitoring wells at soil treatment facility.	Facility not constructed, wells not installed

Table 2. ULU-1 Daily volume, July 2023 (domestic and drilling water use).

Date	Volume (m ³)			
	Domestic	Drilling	Core cutting*	Total
1	1.34	-	-	1.34
2	2.15	-	-	2.15
3	2.03	-	-	2.03
4	1.02	-	-	1.02
5	2.83	-	-	2.83
6	1.23	-	-	1.23
7	1.72	-	-	1.72
8	1.18	-	-	1.18
9	2.41	-	-	2.41
10	1.54	-	-	1.54
11	2.12	-	-	2.12
12	4.47	-	-	4.47
13	0.00	-	-	0.00
14	2.17	-	-	2.17
15	1.74	-	-	1.74
16	2.23	-	-	2.23
17	2.45	-	-	2.45
18	1.93	-	-	1.93
19	2.91	-	-	2.91
20	4.19	-	-	4.19
21	2.03	-	-	2.03
22	2.73	-	-	2.73
23	2.43	-	-	2.43
24	1.88	-	-	1.88
25	2.54	-	-	2.54
26	1.68	-	-	1.68
27	2.44	-	-	2.44
28	2.28	-	-	2.28
29	1.93	-	-	1.93
30	2.18	-	-	2.18
31	2.45	-	-	2.45
*core cutting water is included in the domestic extraction				

Table 3. Results for Compliance Stations, July 2023.

	Units	Detection Limits	ULU-8A	ULU-08	ULU-8A	ULU-9	ULU-11	ULU-8A
Date			01-July	03-July	07-July	11-Jul7	11-July	16-July
Flow	L/sec		0.023	0.035	0.0119	1.02	75.9	0.0182
pH	Field		7.27	6.74	7.45	6.92	7.42	7.37
	Lab		6.51	6.48	6.57	6.19	5.95	6.48
Conductivity	uS/cm	2	1000	880	990	100	42	910
Total Suspended Solids	mg/L	1	<1.0	<1.0	4.1	<1.0	<1.0	<1.0
Alkalinity (PP as CaCO3)	mg/L	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Alkalinity (Total as CaCO3)	mg/L	1	32	33	35	7.7	3.5	37
Dissolved Chloride (Cl)	mg/L	1	2.8	7.7	6.0	3.4	<1.0	13
Dissolved Sulphate (SO4)	mg/L	1.0-5.0	490	390	480	30	10	410
Fecal Coliforms	CFU/100mL	1				<1	<1	
Total Ammonia (N)	mg/L	0.015-0.075	0.30	0.037	0.54	<0.015	<0.015	0.76
Dissolved Nitrite (N)	mg/L	0.01	0.013	<0.010	<0.010	<0.010	<0.010	<0.010
Dissolved Nitrate (N)	mg/L	0.01	0.92	0.65	1.1	<0.010	<0.010	1.4
Turbidity	NTU	0.1	0.16	0.17	0.15	0.11	<0.10	1.0
Total Mercury (Hg)	ug/L	0.0019	0.0021	<0.0019	<0.0019	<0.0019	<0.0019	0.0034
Total Arsenic (As)	ug/L	0.020-0.10	2.38	1.12	2.33	0.287	0.069	2.45
Total Cadmium (Cd)	ug/L	0.010-0.0050	0.520	0.140	0.233	0.0156	0.0065	0.177
Total Copper (Cu)	ug/L	0.050-0.50	3.08	2.54	2.43	1.86	1.89	2.00
Total Lead (Pb)	ug/L	0.0050-0.20	0.142	0.0172	0.198	<0.020	<0.020	0.0723
Total Nickel (Ni)	ug/L	0.020-1.0	41.7	16.2	18.3	1.24	1.74	12.3
Total Zinc (Zn)	ug/L	0.10-5.0	290	97.4	116	2.2	4.0	84.2

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

Regards,

Ollie Roberts

Environmental Technician

Blue Star Gold Corp.

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778-379-1433

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