

25 November 2020

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, August 2020

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 on site included camp operation, exploration and progressive reclamation. Results for monitoring stations listed in Table 1 are provided in tables 2 and 3.

Table1. Applicable monitoring stations, August 2020 (active site)

Station ID	Station Description	Comment
ULU-1	Water Intake at West Lake	See Table 2
ULU-2	<i>Inactive</i>	
ULU-3	<i>Inactive</i>	
ULU-4	Minewater pumped from underground Mine Sump	Not pumping from underground
ULU-4b	Surface Retention Pond	See Table 3
ULU-5	<i>Inactive, pond not constructed</i>	
ULU-6	<i>Inactive, pond not constructed</i>	
ULU-7	Runoff from the waste rock storage area	See Table 3
ULU-8	Runoff from the ore storage area	See Table 3
ULU-9	Outflow East Lake	See Table 3
ULU-10	<i>Inactive</i>	
ULU-11	Outflow Ulu Lake	See Table 3
ULU-12	<i>Not installed</i>	
ULU-13	<i>Not installed</i>	
ULU-14, -15, -16	<i>Not installed</i>	

Table 2. ULU-1 Daily volume, August 2020 (domestic water use).

Date	Volume (m ³)
1	1.9
2	1.6
3	1.3
4	1.3
5	1.5
6	1.8
7	1.6
8	1.7
9	1.8
10	1.6
11	1.6
12	1.6
13	1.7
14	3.2
15	1.8
16	1.6
17	2.0
18	1.6
19	1.6
20	1.4
21	1.6
22	1.6
23	1.6
24	1.8
25	1.6
26	1.5
27	1.6
28	1.2
29	2.1
30	1.6
31	2.2

Table 2. Results for ULU-4b, ULU-7, ULU-8, ULU-9 and ULU-11, August 2020.

Station	Units	ULU-4b	ULU-7	ULU-8	ULU-8	ULU-9	ULU-9	ULU-11
Volume	m ³	Dry	0.002	-	0			
T-Arsenic	mg/L	-	0.00064	-	0.00175	0.00034	0.00028	0.00014
T-Copper	mg/L	-	0.00331	-	0.00247	0.00303	0.00358	0.00445
T-Nickel	mg/L	-	0.00359	-	0.0202	0.00174	0.00149	0.00238
T-Mercury	mg/L	-	<0.0000050	-	<0.0000050	<0.0000050	<0.0000050	<0.0000050
T-Cadmium	mg/L	-	0.0000726	-	0.000525	0.0000284	0.0000223	0.0000103
T-Lead	mg/L	-	0.000072	-	<0.000050	<0.000050	<0.000050	<0.000050
T-Zinc	mg/L	-	0.0058	-	0.171	0.0061	0.0061	0.0053
Total Suspended Solids	mg/L	-	<3.0	-	5.3	<3.0	<3.0	<3.0
pH (field)		-	7.74	-	6.68	7.06	7.36	7.43
Conductivity (lab)	µS/cm	-	557	-	1390			
Conductivity (field)	µS/cm	-	69	-	1567			
Chlorine	mg/L	-						
Sodium	mg/L	-	27.1					
Calcium	mg/L	-	62.4					
Alkalinity	mg/L		45.3	34.9	-			
Chloride	mg/L		55.1	67.2	219			
Sulphate	mg/L		154	261	379			
Turbidity	NTU		-	0.57	0.35			
TDS	mg/L		375	515	1020			
Ammonia	mg/L		0.116	1.92	1.58			
Nitrate	mg/L		2.74	2.93	10.6			
Nitrite	mg/L		<0.010	0.029	0.059			
Fecal coliforms	CFO/100mL					-	<1	<1

Should you have any questions about this report, please contact Sharleen Hamm at 604.996.1110 or Sharleen.hamm@bluestargold.ca.

Regards,



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cc. D. Donald, Nunavut Water Board