



Suite 507, 700 W. Pender Street,
Vancouver, BC V6C 1G8
CANADA
Tel: +1.778.379.1433
Fax: +1.778.379.1434

7 January 2021

Richard Dwyer
Manager of Licencing
Nunavut Water Board
PO Box 119
Gjoa Haven, NU
X0B 1J0

Dear Mr. Dwyer,

Re. 2BM-ULU2030 Part E Item 3 – Soil Treatment Facility

Further to Part E Item 3 of 2BM-ULU2030, Blue Star Gold Corp. (Blue Star) is pleased to provide the following and the attached, for the Ulu soil treatment facility (STF).

Final design and construction drawings

Issued For Construction (IFC) drawings for the STF are enclosed. These drawings are the same as those provided to the Nunavut Water Board (NWB) with the water licence amendment and renewal application (the Application) earlier in 2020 and have been the subject of party review and Board consideration; the only changes are the identification as being IFC, and the addition of the engineer's seal, notes related to boundary limits and control points, and the listing of stakeout points.

Detailed report for all engineered project infrastructures

a. Design rational, requirements, criteria, parameters, standards analysis, methods, assumptions and limitations

The STF Design Memorandum (the Memo) submitted with the Application as Appendix A to the approved *Soil Treatment Facility Management Plan* (the Plan) addresses these items. Specifically, Sections 3.2 and 3.3 of the Memo address design criteria and construction specifications.

b. Site specific data and analysis to support the design and management decisions

Section 2 of the Memo addresses existing conditions on site, while Section 3 of the Memo addresses construction-related management decisions and Section 3 of the Plan address operations-related management decisions. Alternative liner system specifications are provided in Appendix D of the Memo.

c. Geochemical analysis of Waste Rock and fill, demonstrating their Acid Rock Drainage and Metal Leaching characteristics

Only materials suitable for construction will be used, in accordance with the design criteria presented in Section 3.8 of the Memo. Geochemical analysis of construction materials is addressed Section 4.1 (esker borrow) and Section 5.3 (rock) of the approved *Borrow Pits and Quarry Management Plan*.

d. Construction methods and procedures regarding how infrastructure will be put in place, including quality assurance and quality control measures and equipment to be used

Construction methods are presented in Section 3.3 of the Memo, while construction quality assurance and quality control are addressed in Section 3.8 of the Memo. Equipment to be used is listed in Section 3.7 of the Memo.

e. Technical specifications for sedimentation, erosion control and bank stabilization measures, including proposed materials, location and extent, place methods and quantities required

As illustrated in Figure 1.2 and described in Section 2.2 in the Memo, the STF will be constructed on an existing infrastructure pad; no sedimentation or erosion is expected in relation to establishing foundation conditions. As outlined in Section 3.3 of the Memo, the facility will be constructed out of suitable bulk fill and bedding materials, which is largely expected to be comprised of local and stockpiled esker sand and gravel. Construction material placement is provided in Section 3.3 of the Memo.

f. Timetable for submission, including date of construction and proposed date of commissioning of infrastructure

Construction was initially planned to commence in July 2020, however, with travel restrictions and reduced resources on site due to pandemic-related exposure control procedures, construction has been delayed and will be commenced at the earliest safe opportunity. The construction schedule is also addressed in Section 3.7 of the Memo.

g. Where required, signature and seal by the appropriately qualified Engineer

This was applied to the Memo and has been applied to the IFC drawings.

Closing

Blue Star notes that Part E Item 3 requires submission 60 days prior to construction. Given the materials provide herein have largely already been the subject of public review, Blue Star respectfully requests that the Nunavut Water Board consider a reduced duration for consideration under this condition, and resulting notification of such. Should you have any questions about this submission, please contact Sharleen Hamm at 604.996.1110 or Sharleen.hamm@bluestargold.ca.

Regards,

A handwritten signature in black ink, appearing to read "Peter Kuhn", is written over a light blue circular stamp.

Peter Kuhn

Advisor

Blue Star Gold Corp.

Peter.kuhn@bluestargold.ca

778.379.1433

Encl.

cc. D. Donald, Nunavut Water Board
W. Kuliktana, Kitikmeot Inuit Association
B. Campbell, Crown-Indigenous Relations and Northern Affairs