

NIRB File No. 10YN053

NWB File No.: 2AM-LUP0914

July 21, 2010

Colleen Prather AECOM Canada Ltd. 17007-107 Ave Edmonton, AB

Via email: colleen.prather@aecom.com

Re: Notice of Part 4 Screening for Colleen Prather's (AECOM) "Lupin Gold Mine Cycle 3 Effects Monitoring Investigation of Cause Study" project proposal

Dear Colleen Prather:

On June 29, 2010 the Nunavut Impact Review Board (NIRB or Board) received your "Lupin Gold Mine Cycle 3 Effects Monitoring Investigation of Cause Study" project proposal from the Nunavut Research Institute. Following a preliminary completeness check, the NIRB found that this project proposal did not contain sufficient information to permit proper screening; therefore, on July 8, 2010 the NIRB requested submission of additional project-specific information. On July 20, 2010 the NIRB received the requested information and resumed screening the project proposal. The NIRB has assigned this project proposal file number 10YN053.

The proposed project is located in the Kitikmeot region, approximately 300 kilometres (km) southeast of Kugluktuk. The objective of the proposed project is to collect data necessary to meet the monitoring and reporting requirements for the Lupin Mine (as per Metal Mining Effluent Regulations 5.9). Ultimately, the data collected from this program will contribute to the understanding of mine waste discharge on the aquatic environment around Lupin and aid in the future remediation of the mine. The proposed program is to take place for up to two weeks, during the period of July 1 to September 30, 2010.

The project activities/components would include:

- Field work within exposure and reference areas to include sampling for water temperature and quality, sediment quality and fish morphology.
- Transportation on site by boat or ATV
- Transportation to and from the Lupin mine site by fixed wing aircraft
- Accommodations for personnel at the existing Lupin Mine site.
- Fuel and hazardous material use, daily water consumption, waste disposal and treatment to be carried out under existing licences and permits for the Lupin Mine site.

All documents received and pertaining to this project proposal can be obtained from NIRB's ftp site at http://ftp.nirb.ca/SCREENINGS/ACTIVE%20SCREENINGS/10YN053-AECOM-Colleen%20Prather/1-SCREENING/ including:

- Nunavut Research Licence Application in English
- Man
- Non technical Project Proposal summary in English
- Project description & Appendices A through F including a Non technical Project Proposal summary in Inuktitut

Pursuant to Part 4, Article 12 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

The NIRB is copying interested parties and municipalities most affected by your project proposal with this letter, and we invite interested parties to comment directly to the NIRB by **August 3**, **2010**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please note that proposed project-specific terms and conditions, should the project proceed, have been attached for consideration and comment (**Appendix A**).

Please send your comments to the NIRB at info@nirb.ca or via fax at (867) 983-2594.

If you have any questions or concerns, feel free to contact me directly at (867) 983-4619 or kgillard@nirb.ca.

Sincerely,



Kelli Gillard B.Sc., P.Ag. Technical Advisor Nunavut Impact Review Board

cc: Distribution List

Phyllis Beaulieu, NWB Mosha Cote, NRI Gary Cooper, DFO

Appendix A – Proposed Project-Specific Terms and Conditions Attached:

Comment Forms (English and Inuktitut) Enclosed:

Appendix A

Proposed Project Specific Terms and Conditions

The following is a list of project-specific terms and conditions which, should the project proceed, may be recommended to be attached to any approval.

General

- 1. AECOM Canada Ltd Colleen Prather (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times.
- 2. The Proponent shall forward copies of all permits obtained and required for this project to the Nunavut Impact Review Board (NIRB) prior to the commencement of the project.
- 3. The Proponent shall operate in accordance with all commitments stated in correspondence provided to NIRB (Scientific Research Licence Application, June 21, 2010 and the Description of Project Proposal).
- 4. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.

Waste

5. The Proponent shall keep all garbage and debris in bags placed in a covered metal container or equivalent until disposed of. All wastes shall be kept inaccessible to wildlife at all times.

Fuel and Storage

- 6. The Proponent shall locate all fuel and other hazardous materials a minimum of thirty-one (31) metres away from the high water mark of any water body and in such a manner as to prevent their release into the environment.
- 7. The Proponent shall report all spills of fuel, or other deleterious materials immediately to the 24 hour Spill Line at (867) 920-8130.

Wildlife

- 8. The Proponent shall ensure that there is no damage to wildlife habitat in conducting this operation.
- 9. The Proponent shall not harass wildlife. This includes persistently worrying or chasing animals, or disturbing large groups of animals. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.
- 10. The Proponent shall not disturb or destroy the nests or eggs of any birds. If active nests of any birds are discovered (i.e. with eggs or young), the Proponent shall avoid these areas until nesting is complete and the young have left the nest.
- 11. The Proponent shall cease activities that may interfere with migration or calving of caribou or muskox, until the caribou or muskox have passed or left the area.
- 12. The Proponent shall ensure all project staff are trained in appropriate bear/carnivore detection and deterrent techniques.

Physical Environment

13. The Proponent shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. The Proponent shall suspend overland travel of equipment or vehicles if rutting occurs.

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