P.O. Box 119
Gjoa Haven, NU X0B 1J0
Tel: (867) 360-6338
Fax: (867) 360-6369

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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

Applicant: ***Agnico-Eagle Mines Ltd*** **Licence No:** *2BE-MEA1318*
(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. Environment Manager: *David Frenette* Tel: *819-874-5980 (ext. 3622)* Fax: *819-874-3318*

   E-mail: *david.frenette@agnicoeagle.com*

2. Project Manager: *Jérôme Lavoie* Tel: *819-874-5980 (ext. 3605)* Fax: *819-874-3318*

   E-mail: *jerome.lavoie@agnicoeagle.com*

3. Does the applicant hold the necessary property rights? *A land use permit from the KIA is used to do exploration works on this area.*

4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization. *N/A*

5. Duration of the Project

   ☐ One year or less Start and completion dates: _____
   ■ Multi Year:

   If Multi-Year indicate proposed schedule of on site activities
   Start: *2014* Completion: *2018 or later*

CAMP CLASSIFICATION

6. Type of Camp

   ☐ Mobile (self-propelled)
   ☐ Temporary
   ■ Seasonally Occupied: _up to 6 months by year___
   ☐ Permanent
   ☐ Other:_____

7. What is the design, maximum and expected average population of the camp?
   - *The camp is designed for 50 people, but the average population is estimated to be 20-25.*

8. Provide history of the site if it has been used in the past.

We have no history about this site.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.
   - *The camp planned will be located near of a small lake.*

10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.
    - *The location was selected for the effectiveness and for the quality of the site.*

11. Is the camp or any aspect of the project located on:

☐	Crown Lands	Permit Number (s)/Expiry Date: _____
☐	Commissioners Lands	Permit Number (s)/Expiry Date: _____
■	Inuit Owned Lands	Permit Number (s)/Expiry Date: *requested*

12. Closest Communities (direction and distance in km):
    - *The exploration project is located approximately 125 north of Baker Lake.*

13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?
    - *No consultation was conducted for an exploration project at this beginning stage.*

14. Will the project have impacts on traditional water use areas used by the nearby communities? Will the project have impacts on local fish and wildlife habitats?
    - *No impact on the traditional water use or the local fish and wildlife habitats are expected for this project due to this beginning stage.*

PURPOSE OF THE CAMP

15.
- ■ Mining (includes exploration drilling)
- ☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.) (Omit questions # 16 to 21)
- ☐ Other _____

16. Activities (check all applicable)

- [x] Preliminary site visit
- [x] Prospecting
- [x] Geological mapping
- [x] Geophysical survey
- [x] Diamond drilling
- [ ] Reverse circulation drilling
- [ ] Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
- [ ] Other: _____

17. Type of deposit (exploration focus):

- [ ] Lead Zinc
- [ ] Diamond
- [x] Gold
- [ ] Uranium
- [ ] Other: _____

DRILLING INFORMATION

18. Drilling Activities

- [x] Land Based drilling
- [ ] Drilling on ice

19. Describe what will be done with drill cuttings?
    - *The drill cuttings will be disposed on-land at least at 31 metres from any water body and at a location that ensures cuttings will not run to a water body.*

20. Describe what will be done with drill water?
    - *It is disposed on-land at least at 31 metres from any water body and at a location that ensures cuttings will not run to a water body.*

21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable.
    - *Salt is used to prevent water from freezing during drilling*

22. Will any core testing be done on site? Describe.
    - *No, all cores will be split on site and the samples shipped out for laboratory testing.*

SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.
    - *Attached is the spill plan related to the exploration in this area.*

24. How many spill kits will be on site and where will they be located?
    - *Each drill has a spill kit in the event of a spill.*

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

    We plan to install at the IVR site:
    - Fuel: 2 x 85 000 Litres double-walled tanks.
    - Jet A: 1 x 85 000 Litres double-walled tank.
    - Gaz: 50 barrels.

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
    - *Water is obtained from local lakes and pond close to the drill sites. Domestic water will be taken from the lake (just south of the planned camp).*

27. Estimated water use (in cubic metres/day):

    ■ Domestic Use: *9m³for the IVR camp, 10 for the Meadowbank exploration camp.* Drilling: *Same as the actual licence (250m³/day)* Water Source: _____

    ☐ Other: _____ Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see *DFO 1995, Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:
    - *The water intake will be equipped with a mesh screen.*

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?
    - *Each week, the drinking water will be sampled to verify the presence of atypical bacteria, total and fecal coliforms.*

30. Will drinking water be treated? How?
    - *Yes, probably with a UV lamp and chlorine.*

31. Will water be stored on site?
    - *In small quantity +- 1000 liters.*

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, treatment and disposal methods for:

■ Camp Sewage (blackwater)

The fecal matter will be transported to the Meadowbank mine for incineration or incinerated at the IVR exploration camp

■ Camp Greywater

It will be disposed in a sump located at least at 31 metres from any water body.

■ Solid Waste

Food and incinerable waste will be incinerated on site or transported to the Meadowbank mine for disposition.

■ Bulky Items/Scrap Metal

That will be transported to the Meadowbank mine for disposition.

■ Waste Oil/Hazardous Waste

That will be brought to the Meadowbank mine, packed and shipped to a southern facility.

■ Empty Barrels/Fuel Drums

That will be brought to the Meadowbank mine, packed and shipped to a southern facility.

☐ Other:

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33. Please describe incineration system if used on site. What types of wastes will be incinerated?
    - *An incinerator Cyclonator from the Westland company will be used. All the food or and the material that will be in contact with food will be incinerated.*

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?
    - *The non-combustible waste will be disposed at the Meadowbank site.*

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?
    - *N/A*

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?
    - *Yes, for the water supply and waste treatment, the methods are used at Meadowbank and Meliadine exploration camps.*

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.
    - *The camp site will be restored at the final abandonment*.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

    ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
    ☐ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
    ☐ Socio-Economic Environment (Archaeology, Land and Resources Use,
    ☐ Demographics, Social and Culture Patterns, etc.)

■ Other: *Archaelogical investigation was conducted and is attached with this document.*

REGULATORY INFORMATION

40. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – *NCLA -Nunavut Land Claims Agreement*
- ✓ NWNSRTA – *The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002*
- ✓ *Northwest Territories Waters Regulations, 1993*
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – *Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993*
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ *Canadian Environmental Protection Act, 1999 (CEPA)*
- ✓ *Fisheries Act, RS 1985* - s.34, 35, 36 and 37
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000