Amendment licence 2BE-MEP0813

SCREENING PART 2 FORM
PROJECT SPECIFIC INFORMATION REQUIREMENTS (PSIR)

Project General Information

Discuss the need and purpose of the proposed project.

- *The Meliadine Gold exploration project is located in the Kivalliq Region of Nunavut between Rankin Inlet and Chestefield Inlet. Agnico-Eagle Mines wants to renew its water licence and add to the authorization an area located on federal land claims. The exploration would consist of prospecting, diamond drilling, trenching and geophysics.*

Provide a schedule for all project activities.

- *Exploration is planned to run for many years on the Meliadine area, normally from April to October, for the heliborne work.*

List the acts, regulations and guidelines that apply to project activities.

- *The Fisheries Act*
- *The Nunavut Waters and Nunavut Surface Rights Tribunal Act*
- *The Migratory Birds Convention Act and Migratory Birds Regulations*
- *The Species at Risk Act*
- *The Nunavut Wildlife Act*
- *The Nunavut Act*
- *The Navigable Waters Protection Act*

List the approvals, permits and licenses required to conduct the project.

- *NWB licence no. 2BE-MEP0813*
- *Exploration licence N30249*
- *LUP is requested to AANDC*
- *LUP KVL308C07, KIA*

DFO Operational Statement (OS) Conformity

Indicate whether any of the following Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities apply to the project proposal:

- Bridge Maintenance ***N/A***
- Clear Span Bridge ***N/A***
- Culvert Maintenance ***N/A***
- Ice Bridge ***N/A***
- Routine Maintenance Dredging ***N/A***
- Installation of Moorings ***N/A***

If any of the DFO's OS apply to the project proposal, does the Proponent agree to meet the conditions and incorporate the measures to protect fish and fish habitat as outlined in the applicable OS? If yes, provide a signed statement of confirmation.

Transportation

Describe how the project site will be accessed and how supplies will be brought to site. Provide a map showing access route(s).

- *The area will be accessed by helicopter*.

If a previous airstrip is being used, provide a description of the type of airstrip (ice-strip/all-weather), including its location. Describe dust management procedures (if applicable) and provide a map showing location of airstrip.

- *N/A*

If an airstrip is being constructed, provide the following information:

a. Discuss design considerations for permafrost
b. Discuss construction techniques
c. Describe the construction materials, type and sources, and the acid rock drainage (ARD) and metal leaching (ML) characteristics (if rock material is required for airstrip bed).
d. Describe dust management procedures.
e. Provide a map showing location of proposed airstrip.

Describe expected flight altitudes, frequency of flights and anticipated flight routes.

- *No airstrip*

Camp Site

Describe all existing and proposed camp structures and infrastructure

No new camp is planned for this area.

Describe the maximum number of personnel expected on site, including the timing for those personnel involved with the project.

- *For the exploration on this area, we expect approximately 10 to15 people.*

Equipment

Provide a list of equipment required for the project and discuss the uses for the equipment.

Equipment type and number	***Size – dimensions***	***Proposed use***
1 x Helicopter Bell 407		*Drill moves*
1 x Helicopter Bell 206		*Crew changes*
2 x Diamond drill 1500		*Coring*
2 x Pump shack		*Water pumping for coring*

Water

Describe the location of water source(s), the water intake methods, and all methods employed to prevent fish entrapment. Provide a map showing the water intake locations.

- *As authorized by the licence 2BE-MEP0813, Drill water is obtained from local water sources.*

Describe the estimated rate of water consumption (m^3/day).

- *The licence 2BE-MEP0813 authorizes 289 m^3/day for the drills.*

Describe how waste water will be managed. If relevant, provide detail regarding location of sumps, including capacity of sumps and monitoring.

- *As authorized by the licence 2BE-MEP0813, the waste water will be disposed at least at 30 metres from the ordinary high water mark.*

Waste Water (Grey water, Sewage, Other)

Describe the quantities, treatment, storage, transportation, and disposal methods for the following (where relevant):

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage		***1m³/day***	***Incinerated***	***Incinerated***
Solid waste	***Domestic waste, scrap wood***	***1m³/day***	***Incinerated***	***Incinerated***
Hazardous waste/waste oil	***Used Oil, batteries, glycol, scrapped fuel***	***4 m³/year***	***Segregated, securely packaged and brought to the Meliadine camp site.***	***Transported to a southern facility for treatment***
Bulky items/scrap metal	***Old equipment parts***		***Segregated***	***Transported to a southern facility for recycling.***
Greywater	***Used water from the kitchen, laundry and showers***	***Up to 10m³/day***	***Treated in a sump***	***Release in the environment***
Contaminated soil and/or water			***Segregated, securely packaged and brought to the Meliadine site***	***Transported to a southern facility for treatment***

If the project proposal includes a landfill or landfarm, indicate the locations on a map, provide the conceptual design parameters, and discuss waste management and contact-water management procedures.

- *N/A*

Fuel

Describe the types of fuel, quantities (number of containers, type of containers and capacity of containers), method of storage and containment. Indicate the location on a map where fuel is to be stored, and method of transportation of fuel to project site.

- *The fuel used at the drill sites will be transported by helicopter in double-wall containers of 350 Liters. Normally, 2 containers are used for a drill.*

Describe any secondary containment measures to be employed, including the type of material or system used. If no secondary containment is to be employed, please provide justification.

- *Our storage tanks are double-walled.*

Describe the method of fuel transfer and the method of refuelling.

- *Please refer to the spill contingency plan.*

Describe spill control measures in place.

- *Please refer to the spill contingency plan.*

Chemicals and Hazardous Materials*

**included but not limited to oils, greases, drill mud, antifreeze, calcium or sodium chloride salt, lead acid batteries and cleaners*

Describe the types, quantities (number of containers, the type of container and capacity of containers), method of storage and containment. Indicate the location on a map where material is to be stored, and method of transportation of materials to project site.

- *The majority of these products are stored at the Meliadine exploration camp. Minimum required materials are stored at the drill site in secondary containment.*

Describe any secondary containment measures to be employed, including the type of material or system used.

- *Normally flexible berms are used.*

Describe the method of chemical transfer.
Describe spill control measures in place.

- *Please refer to the spill contingency plan.*

Workforce and Human Resources/Socio-Economic Impacts

Discuss opportunities for training and employment of local Inuit beneficiaries.

- *In support to the mineral exploration at Meliadine Gold Project, Inuit workers are hired. During 2012, there were 94 Inuits who worked on the Meliadine site.*

PROJECT SPECIFIC INFORMATION

Section B Mineral Exploration /Advanced Exploration /Development

B-1. Project Information

Describe the type of mineral resource under exploration.

- *The objective of this exploration program is to find gold occurrences.*

B-2. Exploration Activity

Indicate the type of exploration activity:
- *Trenching*
- *Exploration drilling*
- *Geophysical work (air or ground)*

Describe the exploration activities associated with this project:
- *Soil sampling*
- *On land drilling (diamond drill type Orbit 1500)*

B-3. Geosciences

Indicate the geophysical operation type:

- *Magnetic*
- *Electromagnetic*
- *Induced Polarization*

Indicate the geological operation type:

- *Geological Mapping*
- *Till sampling*
- *Rock sampling*
- *Trenching*
- *Diamond drilling*

B-4. Drilling

Provide the number of drill holes and depths (provide estimates and maximums where possible).

- *Approximately 30 holes per year. Depth of holes normally between 150 to 250 metres.*

Discuss any drill additives to be used.

- *The drill additives used are environmental safe.*

Describe method for dealing with drill cuttings.

- *As required to respect the licence 2BE-MEP0813, the drill cuttings shall be located at least at 30 metres from the ordinary high water mark*.

Describe method for dealing with drill water.

- *The water used will be recorded with water meter*.

Describe how drill equipment will be mobilized.

- *By helicopter*

Describe how drill holes will be abandoned.

- *The casings will be removed or cut at the ground level.*

If project proposal involves uranium exploration drilling, discuss the potential for radiation exposure and radiation protection measures. Please refer to the *Canadian Guidelines for Naturally Occurring Radioactive Materials* for more information.

- *N/A*