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Department of Environment

Ministère de l'Environnement

Feb. 10, 07

Richard Dwyer
Licensing Trainee
Nunavut Water Board

via Email to: licensingtrainee@nunavutwaterboard.org

**RE: NWB FILE # 2BE-MEL – COMAPLEX MINERALS CORP. – MELIADINE
WEST GOLD PROJECT**

Dear Mr. Dwyer:

The Government of Nunavut, Department of Environment (DOE) has reviewed the Meliadine West Gold project from Comaplex Minerals Corp. for conducting gold exploration 25 km northwest of Rankin Inlet, and has the following comments and recommendations to make.

1. ABANDONMENT & RESTORATION

Based on the DOE's *Guideline for Contaminated Site Remediation*, and *Guideline for the General Management of Hazardous Waste in Nunavut*, DOE has the following comments to make:

- The DOE monitors the movement of hazardous wastes including waste fuel, from generators, carriers to receivers, through a tracking document (Waste Manifest). A Waste Manifest must accompany all movements, and all parties must register with the DOE. This registration can be done by contacting Rob Eno at (867) 975-7748 or reno@gov.nu.ca.
- Soil contaminated by fuel (e.g., soils under fuel storage tanks) should be treated on site or removed to an approved disposal site and replaced with new soil.
- All the sumps and drill holes should be backfilled or capped, and be contoured to match the surrounding landscape at the end of the project.
- Final inspections of the entire site should be conducted by the proponent and lead agency to make sure that all areas of the site have been reclaimed as much as possible to its previous condition. Soil samples and

pictures before and after the project would make this process easy on the proponent and leading agencies involved in determining areas of concern.

2. INCINERATION

Both DOE and Environment Canada are signatory to the Canada-Wide Standard (CWS) for dioxins and furans, and the CWS for mercury; therefore, DOE advise the proponent follows recommendations below to ensure compliance with CWSs for incineration for camps of 10 to 50 people.

The proponent shall apply appropriate technologies to ensure complete combustion of wastes, and the use of a dual chamber, forced-air incinerator is recommended. In addition, the proponent should implement a comprehensive waste management strategy (especially waste segregation) that is designed to reduce and control the volumes of wastes produced, transported, and disposed of. The Waste Management Strategy should consider and include:

- Purchasing policies that focus on reduced packaging,
- On-site diversion and segregation programs (i.e. the separation of non-food waste items suitable for storage and subsequent transport and disposal or recycling).
- If incineration is required, ensure diligent operation and maintenance of the incineration device and provide appropriate training to the personnel operating and maintaining the incinerator.

Waste wood treated with preservatives such as creosote, pentachlorophenol or heavy metal solutions should not be burned. Additionally, plastics, electrical wire, asbestos and building demolition wastes (except clean wood) are wastes likely to produce dioxins and furans when burned and should be excluded from incineration. Under no circumstance should hazardous wastes be managed through burning or incineration.

3. SPILL CONTINGENCY PLAN

DOE recommends that the proponent utilizes the newly developed spill report form in the case of spills, and that the proponent enters spill information via a computer so it is legible for recipients. The attached includes the new spill form and instructions for completing the forms.

The DOE thank NWB for giving us the opportunity to review and provide comments on the Meliandine West Gold project. Please contact us if you have any further questions or comments.

Yours sincerely,

Original signed by

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Attachment 1: NT-NU Spill Report Form

Attachment 2: Instructions for Completing the NT-NU Spill Report Form

