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Our File: 4703 001 062  
NWB File: 2BB-MEL0914

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**Re: 2BB-MEL0914/I2 Submission of Abandonment and Restoration Plan**

Environment Canada (EC) has reviewed the submission of the Abandonment and Restoration Plan by Comaplex Minerals Corporation (Comaplex) for the Meliadine West Gold Project Camp and Underground Exploration Area. EC makes the following comments and recommendations pursuant to the *Canadian Environmental Protection Act*, Section 36(3) of the *Fisheries Act*, the *Migratory Birds Convention Act*, and the *Species at Risk Act*.

- Please note that EC has finalized the Technical Document for Batch Waste Incineration, and is now available at the following web link: <http://www.ec.gc.ca/drgd-wrmd/default.asp?lang=En&n=82401EC7-1>
- EC recommends that approval is received from the Hamlet prior to disposing of waste at Rankin Inlet.
- CMF states that the present contaminated soil storage area meets the Nunavut Soil Remediation Guidelines for residential/parkland (p.6), however these guidelines are based on the CCME 1991 Interim Criteria and the CCME 1997 Recommended Canadian Soil Quality Guidelines. CCME has more recent soil quality guidelines which contain more conservative criteria (Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health, 1999). It is recommended that CMF compare present contamination levels with the more recent CCME soil quality guidelines rather than the territorial criteria based on older CCME guidelines.
- Landfarming is proposed for remediating PHC contaminated soil from spills. The Federal Guidelines for Landfarming Petroleum Hydrocarbon Contaminated Soils (SAIC, 2006) should be consulted as they contain landfarming specifics including minimum distances from landfarms to surface waters (500 m).
- Comaplex is planning to work with the Kivalliq Inuit Association (KIA) to determine an acceptable strategy for the remediation of any contaminated soils. EC looks forward to reviewing this plan when it is made available.

If you should have any questions regarding the foregoing please contact Environment Canada via email at [EC.EA.NU@ec.gc.ca](mailto:EC.EA.NU@ec.gc.ca).

Yours truly,

***Original signed by***

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cc: Carey Ogilvie (Head, EA-North, Environment Canada, Yellowknife, NT)  
Anne Wilson (Water Pollution Specialist, Environment Canada, Yellowknife, NT)  
Mirey Lopez (Contaminated Sites Officer, Environment Canada, Calgary, AB)

References

CCME. 1999. Canadian Soil Quality Guidelines for the Protection of Environmental and Human Health. Retrieved from: <http://www.ccme.ca/publications/>.

SAIC. 2006. Federal Guidelines for Landfarming Petroleum Hydrocarbon Contaminated Soils. Prepared for Environment Canada.