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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

File: 2BB-MEL0709

December 2, 2008

Mark Balog  
Comaplex Minerals Corp.  
901, 1015 4<sup>th</sup> Street SW,  
Calgary, AB, T2R 1J4  
Email: [mbalog@comaplex.com](mailto:mbalog@comaplex.com)

**RE: 2BB-MEL0709 Type “B” – Amendment No.2**

Dear Mr. Balog,

Please find attached, Amendment No.2 to Licence No. 2BB-MEL0709 Type “B” issued to Comaplex Minerals Corp. by the Nunavut Water Board (NWB) (**Motion 2008-06-L16**) pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada and the Nunavut Waters and Nunavut Surface Rights Tribunal Act*. The terms and conditions of the original Licence related to water use and waste disposal remain an integral part of this approval.

The Licensee is reminded that, under Part H, Item 4 and Part I, Item 4 of the current Licence, changes in operation and/or technology requires a change to the Abandonment and Restoration Plan and Spill Contingency Plan and that these changes are to be in the form of an addendum and included in the annual report. The construction of the Bermed Fuel Containment Facilities will require updates to both plans and therefore will need to be included in the annual report.

The NWB strongly recommends that the Licensee consult the comments received by interested persons on issues identified<sup>1</sup>. This information is attached for your consideration.

Sincerely,

Thomas Kabloona  
Nunavut Water Board  
Chair

Enclosure: Licence No. **2BB-MEL0709 - Amendment No.2**  
Comments: GN-DoE, EC, INAC and KIA

Cc: Distribution - Kivalliq

<sup>1</sup> Environment Canada (EC), October 23, 2008, Government of Nunavut Department of Environment (GN-DoE), October 22, 2008, Kivalliq Inuit Association (KIA), October 21, 2008, Indian and Northern Affairs Canada (INAC), October 29, 2008.

## LICENCE AMENDMENT No. 2

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<b>Licensee:</b>	<b>Comaplex Minerals Corp.</b>
<b>Licence No:</b>	<b>2BB-MEL0709      Type "B"</b>
<b>Licence Issued:</b>	<b>February 23, 2007</b>
<b>Effective Date:</b>	<b>December 2, 2008</b>

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Pursuant to its authority under Article 13 of the *Agreement between the Inuit of the Nunavut Settlement Area and Her Majesty the Queen in Right of Canada* and the *Nunavut Waters and the Nunavut Surface Rights Tribunal Act*, the Nunavut Water Board hereby grants the following Licence amendment.

The Licence issued February 23, 2007 with an expiry date of July 31, 2009 shall be amended to include the following terms and conditions, with respect to use of water and deposit of waste during camp and drilling operations, to allow Comaplex Minerals Corp. to construct a lined fuel berm for the purpose of holding fuel bladders and drums at the Meliadine Lake Area in the Kivalliq Region, at latitude 63° 1' 30" N and longitude 92° 10' 20" W.

### **DECISION**

On September 15, 2008 the NWB received an application for amendment of Licence 2BB-MEL0709 from Comaplex Minerals Corp. This amendment application was to allow for the operation of a pre-existing landfarm and construction of a fuel retention berm at the Meliadine Lake Area project.

The amendment application did not include engineered drawings of the landfarm facilities. Comaplex Minerals Corp. has indicated that engineered drawings of the landfarm facilities are not available. Without engineered drawings, the NWB does not have sufficient information on the landfarm to bring it into the Licence and as such the landfarm is not a part of this amendment.

### **PART A:      SCOPE, DEFINITIONS AND ENFORCEMENT**

Insert Definition "**Bermed Fuel Containment Facilities**" means the bermed area designed to hold fuel bladders and fuel barrels as described and detailed in the drawings and amendment application dated September 18, 2008 that was submitted to the NWB.

### **PART B:      GENERAL CONDITIONS**

Amend Item 5 (iv.) a summary of modification and/or major maintenance work carried out on the Water Supply Facilities, Bermed Fuel Containment Facilities, and Waste

Disposal Facilities, including all associated structures, and an outline of any work anticipated for the next year.

Insert Item 5 (xiv.) an updated Abandonment and Restoration Plan, QA/QC Plan, Site Water Management Plan, Waste Rock and Ore Storage Management Plan and Spill Contingency Plan that deals with the Bermed Fuel Containment Facilities and Monitoring Program Station MEL-5 shall be submitted as part of the 2008 annual report.

**PART D: CONDITIONS APPLYING TO WASTE DISPOSAL**

Insert Item 12 Discharge at MEL-5, from the Bermed Fuel Containment Facilities, shall not exceed the following Effluent quality limits:

Parameter	Maximum Average Concentration
Benzene(µg/L)	370
Toluene(µg/L)	2
Ethylbenzene(µg/L)	90
Lead(ug/L)	1
Oil and Grease(mg/L)	15 and no visible sheen

Insert Item 13 The Licensee shall ensure that all discharges from the Bermed Fuel Containment Facilities are directed to land such that direct flow into a water body is not possible and no additional impacts are created.

**PART G: CONDITIONS APPLYING TO MODIFICATIONS**

Insert Item 4 The Licensee shall construct the Bermed Fuel Containment Facilities as detailed in Figure 2 and Figure 2A submitted as part of the amendment application.

Insert Item 5 The Licensee shall ensure that all rock used in the construction of the Bermed Fuel Containment Facilities does not pose a risk for acid rock drainage or metal leaching.

Insert Item 6 Construction of the Bermed Fuel Containment Facilities shall be consistent with the Canadian Council of Ministers of the Environment (CCME) Guidance Document PN 1326 entitled “*Environmental Code of Practice for Above Ground and Underground Storage Tank Systems Containing Petroleum Product and Allied Petroleum Products (2003)*”.

Insert Item 7 The Licensee shall install the HDPE liner as per the Manufacturer’s recommended specifications and procedures.

Insert Item 8 The Licensee shall provide to the Board, within ninety (90) days of completion of construction, the Manufacturer’s specifications and installation instructions for the HDPE liner, all respective design drawings and construction reports, including as-

built drawings, documentation of field decisions that deviate from original plans and any data used to support these decisions. These drawings and reports shall be stamped and signed by a professional engineer registered in Nunavut.

**PART J: CONDITIONS APPLYING TO THE MONITORING PROGRAM**

Amend Item 1

<b>Monitoring Program Station Number</b>	<b>Description</b>	<b>Status</b>
MEL-1	Raw water supply intake at Meliadine Lake	Active (Volume cubic metres)
MEL-2	Raw water supply intake at Pump Lake	Active (Volume cubic metres)
MEL-3	Downstream of greywater sump prior to effluent entering Meliadine Lake when flow is observed	Active
MEL-4	Meliadine Lake at the point immediately below the sump	Active
MEL-5	Point of discharge for the Bermed Fuel Containment Facilities	Active

Insert Item 18 The Licensee shall, prior to the release of effluent from the Bermed Fuel Containment Facilities at Monitoring Program Station MEL-5, sample for the parameters listed under Part D, Item 12.

**All remaining terms and conditions of the Licence 2BB-MEL0709 Type 'B' dated February 23, 2007 still apply.**

This Licence Amendment issued and recorded at Gjoa Haven, NU on December 2, 2008.

Approved by,




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Thomas Kabloona  
Nunavut Water Board  
Chair