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Feb 9, 2009

Nunavut Water Board  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0B 1J0

Attn: Thomas Kabloona, A/Chief Executive Officer  
Re: NWB Water Licence No. 1BR-ROB0813 – Modifications to final Remedial Action Plan (RAP)

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The aforementioned license was granted to Indian and Northern Affairs Canada (INAC) based on the remedial plan prepared for the site by AMEC earth and Environmental, titled "Robert's Bay and Ida Bay Abandoned Mine Sites Remediation Plan". This report was also used by Public Works and Government Services (PWGSC), on behalf of INAC to prepare the project specifications. As these specifications developed, a few minor changes were made to minimize risks to health and safety. These changes are outlined below:

### **Robert's Bay**

#### *Mine Openings*

The AMEC remediation plan indicated that the mine openings would be infilled with waste rock and then blasted and backfilled. A concrete cap would be placed over the vent raise. It was noted that there was a health and safety risk in placing waste rock within the mine openings, as their structural integrity was not known. For this reason it was determined that the mine openings would be blasted and backfilled with waste rock only. Further investigation at the site also determined that a waste rock cover over the vent raise would remove the risk of inadvertent entry.

#### *Landfill Location*

The AMEC remediation plan identified 6 potential locations. Two of these sites are identified as preferred, the old camp area and east of the garage. Further investigation determined that it would be more efficient to use the Tailings pond, one of the 6 areas identified, as the landfill. The use of the Tailings Pond as the landfill location is identified as a preferred option for the remediation of the Tailings Pond.

#### *Tailings Pond*

The AMEC remediation plan indicated that the water from the Tailings Pond would be pumped out and transferred to the underground mine adit for disposal. Our current plan is to pump out the water and treat it if necessary prior to discharge. If the water cannot be treated, it will be disposed of off site.



*Waste Rock*

The AMEC remediation plan calls for waste rock to be placed within the adit. As discussed in the Mine Opening section, waste rock will not be placed in the adit for safety reasons. It will still be used as cover after blasting and to regrade the site.

*Hydrocarbon Impacted Soils*

The AMEC remediation plan called for the soils to be sequestered in Doris North Mine or disposed in the on-site landfill. Our current plan is to take these soils off-site for disposal in a licensed disposal facility.

**Ida Bay**

*Non-Hazardous Waste*

The AMEC remediation plan called for the burial of non-hazardous waste in the adit. Our current plan will remove the non-hazardous waste from Ida Bay and dispose of it in the landfill at Robert's Bay.

*Waste Rock*

The AMEC remediation plan calls for the removal of waste rock from above the High Tide Mark. This was a mistake. It is the waste rock from above the Low Tide Mark that will be removed and disposed of in the exploration trench at Ida Bay.

*Mine Openings*

Similar to the mine openings at Robert's Bay, the AMEC remediation plan calls for disposal of waste rock in the mine openings, followed by blasting. As mentioned previously, for safety reasons, we are not infilling the mine openings with waste rock. However, we will still be blasting and backfilling with waste rock.

Should you have any questions or require any clarifications on these modifications to the original Remediation Plan, please contact the undersigned or the Project Manager, Dele Morakinyo at [dele.morakinyo@inac-ainc.gc.ca](mailto:dele.morakinyo@inac-ainc.gc.ca), or by telephone at (819) 934-9224.

Sincerely

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