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January 5, 2007

Project Number: CAM-3 (3.6)

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

Dear Phyllis:

Re: Abandonment and Restoration Plan: Water Use License 1BR-SHE0510 (formerly NWB5SHE0510)

UMA Engineering Ltd. is submitting the following Abandonment and Restoration Plan as per the requirements of Part I in water use license 1BR-SHE0510. The plan is being submitted on behalf of Defence Construction Canada and the Department of National Defence.

Abandonment and Restoration Plan

The main objective of the DEW Line Clean Up Project is to restore the sites to an environmentally safe and aesthetically natural condition. In order to meet this objective, clean up plans are prepared and a contractor is hired to remediate the site as per the engineering and design specifications. The contractor is required to complete the clean up and remediate all of the areas in which their activities took place and restore the site to as natural a state as practical. The following sections provide a summary of the closure activities that will occur at the completion of the CAM-3 site clean up.

Demolition: Upon the completion of the demolition work, the contractor removes any remaining debris and leaves the worksite clean. Building sites and all areas affected by demolition work are graded to match the existing terrain. The areas surrounding remaining concrete and timber foundations are reshaped so that the top of gravel is flush with the top of the foundations. Any voids or holes in the surface of the foundations are filled with gravel. At the CAM-3 site, the majority of buildings and facilities are to remain in support of the North Warning System, with the exception of the communications dishes, storage sheds, utility poles and the fuel storage tank foundations at the beach area.

Contaminated Soil Excavation: In areas of contaminated soil excavation, the excavations are filled with granular material, compacted and graded to match the existing ground surface. The restoration in these areas is completed in an ongoing process as each contaminated soil area excavation is completed.

Landfarm Closure: At the conclusion of landfarm operations, additional granular material is placed to provide a compacted cover. The surface area is graded to a minimum slope of 2-4% to promote surface water runoff. Groundwater wells installed around the perimeter of the landfarm are cut off and backfilled with grout.

Non-Hazardous Waste Landfill: At the CAM-3 site, there was one Non-Hazardous Waste Landfill constructed. A final lift of granular material is placed, compacted and the surface graded to avoid water ponding and minimize infiltration at the completion of landfill operations. Following completion of the landfill closure activities,

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groundwater monitoring wells will be installed to facilitate monitoring of the landfill performance. The landfill monitoring plan for this site was submitted to the NWB in June 2005.

Tier II Soil Disposal Facility: Placement and compaction of the final cover also includes grading to promote drainage away from the landfill. Following closure of the Tier II Soil Disposal Facility, groundwater monitoring wells and thermistor strings are installed to facilitate monitoring of the facility's performance. Details of the monitoring plan are provided in the June submission.

Contractor Demobilization: Contractor demobilization includes the dismantling and removal from the site of all vehicles and equipment, remaining fuel, supplies and construction camp, clean up of the site, and transportation of labour from the site. Upon removal of the construction camp, the contractor grades the area to match the surrounding terrain and to ensure positive drainage. Contractor demobilization typically coincides with the annual sea-lift.

We trust the information provided is sufficient for meeting the requirements of the license. Please feel free to contact the undersigned if you require any further information.

Sincerely,

UMA Engineering Ltd.

Eva Schulz, P.Ag.
Environmental Scientist
Eva.Schulz@uma.aecom.com

cc: Don Beattie, DCC