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March 31, 2006

Project Number: CAM-4 (3.6)

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

Dear Ms. Beaulieu:

Re: 2005 Annual Report: Water Use License #NWB5PEL0510

UMA Engineering Ltd. is pleased to submit this annual report as per the requirements of Part B.1 of water use license NWB5PEL0510. The report was prepared on behalf of Defence Construction Canada and the Department of National Defence.

Water Usage

At the CAM-4 site, both water supply and sewage disposal are provided by the Hamlet of Kugaaruk. No samples of the sewage effluent were collected as it is being treated by the Hamlet's Municipal services. No other samples are required by the Monitoring Plan, which was submitted to the NWB in November 2005. The following table provides a summary of the quantity of water supplied by the Hamlet, as well as the quantity of effluent that was collected and treated by the Hamlet.

Month	Quantity of Water Extracted (cubic metres)	Quantity of Effluent (cubic metres)
June	114	92
July	351	275
August	344	298
September	203	162

Summary of Completed Work

Demolition: All buildings and structures slated for demolition were completed except for the garage at the Upper Site, which is scheduled for removal in 2006. The demolition debris was placed in the Non-Hazardous Waste Landfills. Those portions of buildings with PCB amended paint were containerized and placed in storage at the Temporary PCB Storage Area.

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Contaminated Soil Removal: All Tier I and Tier II contaminated soil areas have been excavated and the soils placed in the appropriate disposal facilities. All CEPA contaminated soil areas have been excavated and the soils placed in sealed containers in the Temporary PCB Storage Area.

Non-Hazardous Waste Landfills (NHWLF): Both the Upper Site and Lower Site NHWLF were closed in 2005; however, the placement and compaction of the final cover is still required in 2006. The landfills were winterized with an intermediate cover of granular material. Approximately 260 m³ of debris was placed in each landfill.

Tier II Soil Disposal Facility: The construction of the Tier II facility at CAM-4 was completed in 2003 and excavation and placement of all Tier II contaminated soil was completed in 2005. The facility was winterized by covering all of the contaminated soil with an intermediate layer of granular material. The volume of contaminated soil placed in the facility in 2005 was 2580 m³, which included 580 m³ of Tier I contaminated soil. The Tier I soil was placed in the Tier II Facility because there was excess space in the facility. Work in 2006 will include placement of the upper liner, and placement and compaction of the final granular material cover.

Landfarm: All hydrocarbon contaminated soils at the Lower Site were excavated and placed in the Lower Site Landfarm and were treated at the end of the season as described in the Project Description. Approximately 6183 m³ of material was placed in the facility in 2005. It is anticipated landfarming will continue through the 2006 season. The Upper Site In-Situ Landfarm contains 6750 m³ of impacted soil, which will also be treated in the 2006 season.

Upper Site Landfill: The base of the landfill excavation was completely backfilled and all of the boulders in the footprint on the east side of the landfill have been removed and placed along the outside of the toe. The landfill still requires placement (backfill) of granular material up the slope in 2006.

Abandoned Camp Landfill: Excavation and backfill of this landfill was completed in 2005.

Lower Site Landfill: All remediation work at this landfill was completed in 2005.

Debris Removal: The removal of site debris is currently on-going. All known debris areas were cleaned up in 2005; however, a final inspection will be completed in 2006 to ensure completion.

Barrel Disposal: Processing and disposal of barrels continued in 2005, and is anticipated to be completed in 2006. Most barrels in 2005 were from the Upper Site and were processed according to the Barrel Disposal Requirements, which were presented in the Project Description.

Spill Incidences

There was one spill reported at CAM-4 in 2005. Approximately 150 litres of diesel fuel was spilled on July 23, adjacent to the garage. The spill response team immediately collected free product and placed it in a barrel for incineration. Impacted soils were excavated to a depth of 1 m and placed in the Tier II Soil Disposal Facility.

An overall site plan showing the location of the construction camp is attached.

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We trust the information provided is consistent with the requirements of Water Use License #NWB5PEL0510. Please feel free to contact the undersigned if you have any questions or comments.

Sincerely,

UMA Engineering Ltd.



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

Encl. Overall Site Plan

cc: Phil Warren, DCC
Sarah Gagné, NWB



BORROW AREA #2

ACCESS ROAD

ACCESS ROAD

ABANDONED ROAD

ABANDONED CAMP AREA

CONSTRUCTION CAMP
LOCATION

DAY TANK
LOCATION

STATION AREA

APPROXIMATE
SRR LOCATION

LOWER SITE AREA

ACCESS ROAD

AIRSTRIp AREA

CREEK

DND RESERVE BOUNDARY
(REF. DWG. S2-0440, DEPT.
OF THE AIR FORCE, USAF)

BARROW LAK

