

March 10, 2005 Project No.: CAM-2 (3.6)

VIA E-MAIL (LICENSING@NWB.NUNAVUT.CA)

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

Dear Ms. Beaulieu:

RE: 2004 Annual Report: Water Use License NWB5GLA0308

UMA Engineering Ltd. is submitting the following annual report as per the requirements of Part B.1 of the above noted water use license. The report is being submitted on behalf of Defence Construction Canada and the Department of National Defence.

Water Usage

The following table provides a summary of the water usage from the Water Supply Lake and the effluent discharge to the sewage lagoon.

Month	Quantity of Water Obtained (cubic metres)	Quantity of Sewage Effluent Discharged (cubic metres)
June	19	15
July	350	280
August	375	300
September	215	172
TOTAL	959	767

A sewage lagoon was constructed in August 2003 to support the construction camp as per the specifications included in the water use licence application. Due to the coarse-grained nature of the material available at the CAM-2 site, the sewage lagoon did not retain the discharged effluent. All effluent discharged into the lagoon infiltrated the ground. No samples of the

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sewage effluent were collected because there was an insufficient volume of effluent available to obtain a sample for analysis.

Summary of Completed Work

The following sections provide a summary of the work completed at the CAM-2 site in 2004. The work plan for 2005 will be to continue with the clean up activities, as described in the project description.

Demolition: At the end of the 2004 season, the following items had been demolished and placed in the Non-Hazardous Waste Landfill.

- Two billboards and associated feedhorns and waveguides
- Two communications dishes
- Two 65,000 US gallon fuel tanks from the beach POL
- One 6,000 US gallon Mogas tank from the beach POL
- One 500 US gallon day tank from the station area
- One 6,000 US gallon Mogas tank from the station area
- 90% of the power and communication cables
- 90% of the airstrip ancillary facilities
- Interior walls of the warehouse
- Asbestos materials from the module train
- Two utility poles
- The abandoned Short Range Radar fuel supply line

Removal of PAP materials from the module train is approximately 30% complete. The removed materials were placed in approved containers and moved to the PCB Storage Area, which was inspected by Environment Canada in the fall.

Non-Hazardous Waste (NHW) Landfill: The NHW Landfill construction is approximately 75% complete, including the northern, eastern and southern berms of the facility. The western berm of the facility is open and being used to stockpile Tier I contaminated soil to be used as intermediate cover for the demolition and debris materials being placed in the facility. The western berm of the landfill will be constructed in 2005, once the Tier I contaminated soil is placed in the landfill. It is anticipated that this landfill will be closed in 2005.

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Tier II Soil Disposal Facility: The base and berms of the facility were constructed in 2004. The geomembrane liner is to be installed in 2005, after which the facility can begin receiving Tier II contaminated soils. It is anticipated that this landfill will be closed at the end of the 2005 construction season.

Landfarm: Construction of the landfarm was completed and the facility began receiving hydrocarbon-contaminated soils in 2004. Approximately 9,900 cubic metres of soil was placed in the facility in 2004. The landfarm will continue to be used in 2005.

Landfills: Excavation of the Airstrip Landfill is approximately 70% complete. It is expected the excavation and backfilling will be finished in 2005. Regrading at the Station Landfill is complete.

Spill Incidences

There were two spill incidences at the CAM-2 site in 2004. The spills were reported via telephone to the Spill Report Line and a written report was also submitted. In one spill, approximately 90 litres of diesel fuel were spilled because of a loose fuel filter and in the other spill, approximately 10 litres of hydraulic fluid was spilled because of a faulty seal. Soils impacted by the diesel fuel spill were scraped up and transported to the on-site landfarm for treatment. The hydraulic fluid impacted soil was placed into drums for disposal. Copies of the spill reports are included as an attachment.

Community Meetings

The contractor held a community meeting in Gjoa Haven to discuss the clean up program at CAM-2 prior to the start of the 2004 construction season. It is anticipated the contractor will hold a community meeting prior to the start of the 2005 season as well.

A drawing showing the project layout is attached.

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We trust the information provided is consistent with the requirements of Water Use Licence #NWB5GLA0308. Please feel free to contact the undersigned if you have any questions or comments.

Sincerely,

UMA ENGINEERING LTD.

Eva Schulz, P.Ag.

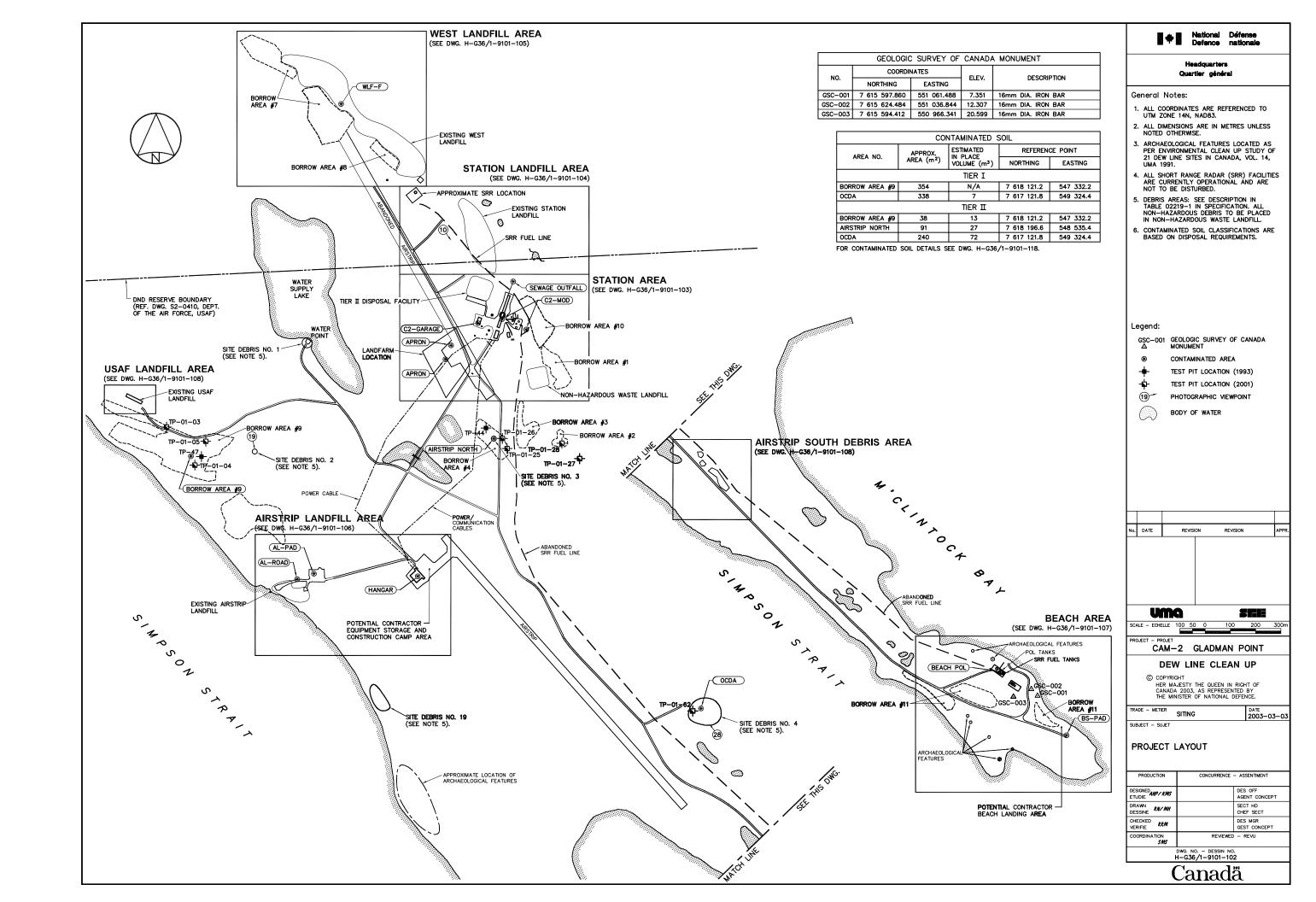
Environmental Scientist eschulz@umagroup.com

Encl. Project Layout

Spill Reports

cc: Phil Warren, DCC

Jim Wall, NWB



Northwest Tentionies

NWT SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

24 - Hour Report Line Phone: (857) 920-8130 Fax: (867) 873-6924

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NWT SPILL REPORT

(Oll. Gas, Hazardous Chemicals or other Materials)

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