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March 19, 2009

Project Number: 0171-142-01-08

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

Dear Phyllis:

Re: 2008 Annual Report for Water Use License 1BR-FOD813: FOX-3, Dewar Lakes DEW Line Site

AECOM Canada Ltd. is providing the attached annual report as per Section 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.

In addition to the annual report, we are providing electronic copies of an updated Spill Contingency Plan, a Post Closure Monitoring Plan, QA/QC Plans, and an Operation and Maintenance Plan, as per the requirements of the water use license for FOX-3. The need for additional monitoring, as per Part D.23 of the water use license, was reviewed; however, based on the work program and construction schedule, it has been deemed not required. The only work near a waterbody of any significance is the landfill remediation and debris removal from in and near the MacBeth River, which is already included in Part J.3 of the license. The Letter of Advice from the Fisheries and Oceans Canada approving our methodology for the work in and near the MacBeth River is attached for your reference.

Please feel free to contact the undersigned, or Douglas Craig with Defence Construction Canada (613-998-7288) if you have any questions or comments regarding these documents.

Sincerely,

AECOM Canada Ltd.



Eva Schulz, P.Ag.
Eva.Schulz@aecom.com

EMS
Encl. Annual Report Form, Spill Contingency Plan, Monitoring Plan, Post Closure Monitoring Plan, QA/QC Plans, Operation and Maintenance Plan, DFO Letter of Advice

cc: Douglas Craig, DCC

Statement of Qualifications and Limitations

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- may be based on information provided to Consultant which has not been independently verified;
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- must be read as a whole and sections thereof should not be read out of such context;
- were prepared for the specific purposes described in the Report and the Agreement;
- in the case of subsurface, environmental or geotechnical conditions, may be based on limited testing and on the assumption that such conditions are uniform and not variable either geographically or over time.

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This Statement of Qualifications and Limitations is attached to and forms part of the Report.

NWB Annual Report

Year being reported: 2008 ▼

License No: 1BR-FOD0813 Issued Date: July 18, 2008
 Expiry Date: July 30, 2013

Project Name: FOX-3, Dewar Lakes DEW Line Site Clean Up

Licensee: Defence Construction Canada

Mailing Address: Constitution Square, Suite 1700
 350 Albert Street
 Ottawa, ON K1A 0K3

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

AECOM
 Engineering Design Consultant

General Background Information on the Project (*optional):

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼ Item 1 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

Water Source(s):	water supply lake		
Water Quantity:	55 for all purposes	Quantity Allowable Domestic (cu.m)	
	n/a	Actual Quantity Used Domestic (cu.m)	
	n/a	Quantity Allowable Drilling (cu.m)	
	n/a	Total Quantity Used Drilling (cu.m)	

Waste Management and/or Disposal

- ☒ Solid Waste Disposal
☒ Sewage
☐ Drill Waste
☒ Greywater
☒ Hazardous
☒ Other:

Additional Details:

Details of the waste management and disposal were provided with the application form.
 There are no quantities to report as work has not yet started at the site.

A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.: (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

Revisions to the Spill Contingency Plan

SCP addendum attached for Board consideration ▼

Additional Details:

Revisions to the Abandonment and Restoration Plan

N/A - not applicable ▼

Additional Details:

The entire project is an abandonment and restoration plan.

Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

n/a

Results of the Monitoring Program including:**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Details attached ▼

Additional Details:

The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;

Details attached ▼

Additional Details:

Results of any additional sampling and/or analysis that was requested by an Inspector

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc)

Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

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Any responses or follow-up actions on inspection/compliance reports

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

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Any additional comments or information for the Board to consider

Work has not yet started at the FOX-3, Dewar Lakes site. It is anticipated that construction work will begin in the 2009 construction season.

Date Submitted:

March 31, 2009

Submitted/Prepared by:

Eva Schulz

Contact Information:

Tel: 403-270-9220

Fax: 403-270-0399

email: eva.schulz@aecom.com

GPS Coordinates for water sources utilized

Source Description	UTM Zone 19N, NAD83	
	Northing	Easting
water supply lake	7614050	412400

GPS Locations of areas of waste disposal

Location Description (type)	UTM Zone 19N, NAD83	
	Northing	Easting
Landfarm (F01)	7616970	409322.3
Landfarm (F02)	7616929.4	409363.2
Landfarm (F04)	7616834.8	409400.1
Landfarm (F05)	7616819.1	409321.5
Landfarm (F07)	7616906.8	409287.2
Non-Hazardous Waste Landfill (G01)	7616725.5	409558.2
Non-Hazardous Waste Landfill (G02)	7616722.6	409633.2
Non-Hazardous Waste Landfill (G03)	7616642.7	409630.1
Non-Hazardous Waste Landfill (G04)	7616645.5	409555.2
Tier II Landfill (H01)	7615581.4	409321.8
Tier II Landfill (H02)	7615573	409391.2
Tier II Landfill (H03)	7615496.7	409382
Tier II Landfill (H04)	7615497	409311.5