

March 16, 2012

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

Dear Phyllis:

**Project No: Water Use License 1BR-QIK0712 2011 Annual Report**

**Regarding: FOX-5, Qikiqtarjuaq DEW Line Site**

AECOM Canada Ltd. is providing the attached annual report form 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.

The clean up contractor, as well as staff representing DCC, stayed in the Hamlet for the duration of the construction work. As such, water and sewer services were provided by the Hamlet, and were not tracked, and no samples were collected.

The following is a summary of the construction work completed at the site in 2011

- A new cell at the Non-Hazardous Waste Landfill (NHWL) at the Middle Site was completed in 2011. The original facility was designed with the central berm shared between the NHWL and the Tier II Disposal Facility. The design of the new cell for disposal of the 2011 debris consisted of excavating a 60 m by 12 m area in the existing NHWL cap to a depth of 0.6 m. Construction began on Aug. 6, 2011. The non-hazardous debris generated from the collection of site debris, additional demolition activities and buried debris excavation were transported to this cell for disposal. The average depth of waste was approximately 0.3 m. Construction of the cap commenced after the final lift of intermediate fill over the debris was completed.
- The Airstrip Landfill West, Community Borrow Buried Debris Area and the Community Borrow Buried Debris Area – South were excavated.
- The Heated Vehicle Storage Building and the Clam Diving Platform were demolished.
- Contaminated soil from beneath the heated vehicle storage building was excavated, placed within soil bags and moved to the beach landing area for transport off-site.
- All surface debris was removed.

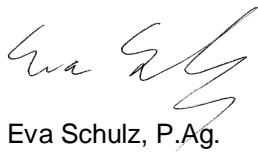
There is no further work remaining at this site, except for the landfill monitoring and removal of the soil bags currently stored at the site.

**Community Consultations:** The results of the community meetings held by DCC were submitted with the Project Description. The contractor typically holds a project start up meeting prior to each season; however a copy of the presentation has not been provided.

**Spill Incidences:** None.

We trust the information provided is sufficient. Please feel free to contact the undersigned if you require any additional information.

Sincerely,  
**AECOM Canada Ltd.**



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

EMS.  
cc: Tamara Van Dyck, DCC  
Encl: Selected Site Photographs

# PHOTOGRAPHIC LOG



**Site Name:**  
FOX-5, Qikiqtarjuaq

**Site Location:**  
Nunavut

**Project No.**  
60212727

**Photo No.**  
1

**Date:**  
2011

**Direction Photo Taken:**

**Description:**  
Debris being placed within the NHWL cell.



**Photo No.**  
2

**Date:**  
2011

**Direction Photo Taken:**  
Northwest

**Description:**  
Final lift of granular fill cover at the NHWL.





# PHOTOGRAPHIC LOG



**Site Name:**  
FOX-5, Qikiqtarjuaq

**Site Location:**  
Nunavut

**Project No.**  
60212727

**Photo No.**  
3

**Date:**  
2011

**Direction Photo Taken:**

**Description:**  
Excavation of Airstrip Landfill West



**Photo No.**  
4

**Date:**  
2011

**Direction Photo Taken:**

**Description:**  
Airstrip Landfill West, backfilled.





# PHOTOGRAPHIC LOG



**Site Name:**  
FOX-5, Qikiqtarjuaq

**Site Location:**  
Nunavut

**Project No.**  
60212727

**Photo No.**  
5

**Date:**  
2011

**Direction Photo Taken:**

**Description:**  
Demolition of the Heated Vehicle Storage Building.



**Photo No.**  
6

**Date:**  
2011

**Direction Photo Taken:**

**Description:**  
Final grading at the former Heated Vehicle Storage Building.

