

NUNBSRES

# **Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute**

Box 1720, Iqaluit, NU X0A 0H0 phone: (867) 979-7279 fax: (867) 979-7109 e-mail: slcnri@nunanet.com

August 01, 2005

## NOTIFICATION OF RESEARCH

**PLEASE BE ADVISED THAT SCIENCE RESEARCH LICENCE No. 0101905N-M HAS BEEN ISSUED TO:**

Allison Rutter  
Analytical Services Unit, School of Environmental Studies  
Queen's University  
Kingston, ON  
K7L 3N6 CA  
613 533-2642

### **TO CONDUCT THE FOLLOWING STUDY:**

Scientific Investigations supporting the Resolution Island cleanup project

### **SUMMARY OF RESEARCH:**

The Analytical Services Unit, Queen's University will have a team on site at Resolution Island 2005-2008. Our work is to support the major cleanup being undertaken by the Qikiqtaaluk Corporation for Indian and Northern Affairs Canada. The majority of the work will involve sampling and analysis of soil, barrel contents and other miscellaneous items. Work will continue this year with the removal of PCB-contaminated soils from the S1/S4 beach area and valley where we will test soils to ensure cleanup is complete and also map the locations. The permanent barriers, which were modified in 2004, will be monitored, repaired, tested and if necessary modified. An additional barrier will be build in the S1/S4 beach area once the excavation of PCB -contaminated soils is complete. Further work will be conducted with respect to hydrocarbon contamination remediation. The experimental landfarm established in 2003 and the large landfarm established in 2004 will be monitored and maintained. Other work we will be undertaking includes testing the lake and drinking water, testing background water and plant samples and air monitoring.

**THE STUDY WILL BE CONDUCTED AT: Resolution Island, Broughton Island, Clyde River**

**BETWEEN: June 24, 2005 - October 01, 2008**

Jennifer Cockwell  
Manager, Research Liaison

### **DISTRIBUTION:**

Environmental Assessment Screener NTRB  
Lands Administrator, QIA  
Director, NWB  
Implementation Coordinator, NPC  
Executive Director, NWMB  
Area Manager, DFO  
Mayor / CAO, Iqaluit  
Mayor / SAO, Kimmirut  
HTA Chairperson, Iqaluit  
HTA Chairperson, Kimmirut  
Mayor / SAO, Broughton Island  
Mayor / SAO, Clyde River  
HTA Chairperson, Broughton Island  
HTA Chairperson, Clyde River

**Nunavut Water  
Board**

AUG 29 2005

**Public Registry**

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## SCIENTIFIC RESEARCH LICENCE

LICENCE # 0101905N-M

ISSUED TO: Allison Rutter  
Analytical Services Unit, School of Environmental Studies  
Queen's University  
Kingston, ON  
K7L 3N6 CA  
613 533-2642

TEAM MEMBERS: G. Cairns, K. McKinnon, K. Paudyn, I. Kalinovic, N. Manon, S. Jeswiet, M. Wright, J. MacKay

AFFILIATION: Queen's University

TITLE: Scientific Investigations supporting the Resolution Island cleanup project

### OBJECTIVES OF RESEARCH:

The Analytical Services Unit, Queen's University will have a team on site at Resolution Island 2005-2008. Our work is to support the major cleanup being undertaken by the Qikiqtaaluk Corporation for Indian and Northern Affairs Canada. The majority of the work will involve sampling and analysis of soil, barrel contents and other miscellaneous items. Work will continue this year with the removal of PCB-contaminated soils from the S1/S4 beach area and valley where we will test soils to ensure cleanup is complete and also map the locations. The permanent barriers, which were modified in 2004, will be monitored, repaired, tested and if necessary modified. An additional barrier will be build in the S1/S4 beach area once the excavation of PCB -contaminated soils is complete. Further work will be conducted with respect to hydrocarbon contamination remediation. The experimental landfarm established in 2003 and the large landfarm established in 2004 will be monitored and maintained. Other work we will be undertaking includes testing the lake and drinking water, testing background water and plant samples and air monitoring.

### TERMS & CONDITIONS:

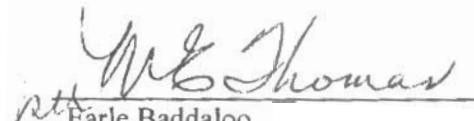
The holder of the licence will be bound by the terms and conditions (attached) from the Nunavut Impact Review Board Screening Decision Report and by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this licence

### DATA COLLECTION IN NU:

DATES: June 24, 2005-October 01, 2008

LOCATION: Resolution Island, Broughton Island, Clyde River

Scientific Research Licence 0101905N-M expires on December 31, 2005  
Issued at Iqaluit, NU on August 01, 2005

  
Earle Baddaloo  
Science Advisor

