

# Nunavummi Qaujisaqtulirijikkut /Nunavut Research Institute

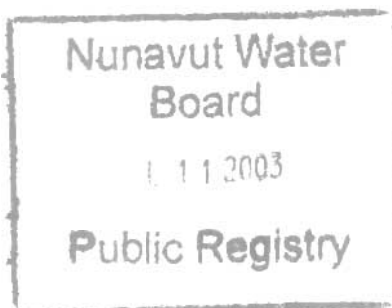
Box 1720, Iqaluit, NT XOA OHO phone: (819) 979-4108 fax: (819) 979-4681 email: slcnri@nunanet.com

## Reviewer Recommendation Form: Land &/or Water Based Research

Applicant Name:	James Brozowski
Project Name:	Mercury Determination in Arctic Charr ( <i>Salvelinus Alpinus</i> ) 'Ikalu' from Kasegalik Lake, Belcher Islands
Review Panel Name:	Executive Director, NWB
Region:	South Baffin

Research Discipline: Biology

Panel Comments:



INTERNAL	
PC	DP
MA	July 11/03
OM	
TA	
BS	
ST	
ED	
CEO	
BRD	
EXT.	

Requested Terms or Conditions:

Recommend Approve ☐  
Recommend Reject ☐

Annual ☐ or  
Multi-year ☐

Signature

Title:

Date



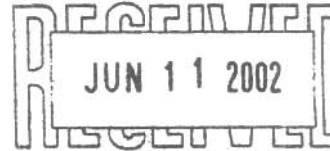


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**SCIENTIFIC RESEARCH LICENCE APPLICATION**

**(Land, Freshwater & Marine Based Research)**



This application fulfills the requirements for NIRB environmental screening

**SECTION 1: APPLICANT INFORMATION**

**1. Applicant's full name and mailing address:**

James BROBOWSKI, GRADUATE RESEARCHER  
 Dept. of Soils, Water, Climate - Univ. Minnesota  
 439 Borlaug Hall  
 1999 Upper Buford Circle  
 St. Paul, Minnesota 55108 USA

**Fax:**

612-625-2208

**Phone:**

612-309-7096

**E-mail:**

bjarni.e.follstad.com  
 bjarni@soils.umn.edu

**2. Field Supervisor (address, if different from above):**

Dr. Edward A. Water - Dept. HEAD

**Phone (radio or otherwise):**

**3. Other Personnel list (name and position):**

Total # of personnel: 1

Total # of person days: 7-14 days

**SECTION 2: AUTHORIZATION NEEDED**

**4. List the organisations you will contact for necessary authorizations associated with the project. (See Appendix A & B):**

Hamlet of Sanikiluaq  
 Sanikiluaq Hunters & Trappers Organization  
 - See attached -

**5. List the active permits, licences, or rights related to the project and their expiry date:**

- NONE -

**SECTION 3: PROJECT PROPOSAL DESCRIPTION****6. Project duration:**Period of operation: 1-2 weeks July to Aug 2002 & 2003Proposed term of permit: 6/2002 to 8/2003Project title: Mercury Determination in Arctic Charr (*Salvelinus alpinus*) 'Ika' from Kasegalik Lake, Baffin Islands, Nunavut, Canada**7. Location(s) of data collection:**

- Land Status Types: Crown, Commissioners', Inuit Owned Surface Lands, Inuit Owned Sub-Surface Lands, & Other
- Please ensure that maps of the project area are attached (1:50 000, 1:250 000)

Location Name	Region	Latitude (north)	Longitude (west)	NTS Map sheet #	Land Status
Kasegalik Lake	Nunavut	56° 32'	99° 14'	34D	Inuit
For additional sites, attach a separate page					

**NON-TECHNICAL PROJECT PROPOSAL SUMMARY**

8. On a separate page, please include a non-technical description of the project proposal, no more than 300 words, in English & Inuktitut (Inuinakut, if in the West Kitikmeot). The project description should outline the project activities (research methods, camps, etc.) and their necessity, method of transportation, any structures that will be erected, expected duration of activity and alternatives considered. If the proposed activity fits into any long-term developments, please describe the projected outcome of the development for the area and its timeline.

**SECTION 4: MATERIAL USE****9. List equipment (including drills, pumps, aircrafts, etc.):**

Equipment type and number	Size-dimensions	Proposed use
Gill Net (5)	1.5m x 10m	Gill netting of CHARR

**10. Detail fuel and hazardous materials use:**

Fuels	Number of Containers	Capacity of Containers (gal & litres)
• Diesel	—	
• Gasoline		
• Aviation fuel	—	
• Propane	—	
• Other	—	
Hazardous Materials	Number of Containers/Concentration	Capacity of Containers (gal & litres)
• NONE		
•		
•		

## 10. Describe method of fuel transfer:

No Transfer anticipated

## 11. Describe any procedures and materials in place to handle accidental spills. Please attach the spill contingency plan and other appropriate information about the hazardous materials associated with the proposed project.

Onsite remediation as needed.

## SECTION 5: WASTE DISPOSAL AND TREATMENT FACILITIES

## 12. Describe amount and methods of disposal:

Type of Waste	Projected Amount Generated	Method of Disposal	Additional Treatment Procedures
Sewage	None		
Grey water	None		
Garbage	None		
Overburden (organic soil, waste material, tailings)	None		
Hazardous waste:	None		
Other:			

## SECTION 6: RESTORATION AND ABANDONMENT PLANS

## 13. Describe or attach the proposed procedure for site restoration upon abandonment of any area associated with the project:

THERE IS NO ANTICIPATED SITE DEGRADATION.

## SECTION 7: ENVIRONMENTAL IMPACT

## 14. Indicate and describe the components of the environment that are near the project area, as applicable. Attach any relevant maps or information:

Type of species (common name,	Important Habitat Area (calving,	Critical time periods
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associated herd, etc.)	staging, denning, migratory pathways, spawning, nesting, etc.)	(calving, post-calving, spawning, nesting, breeding, etc.)
Example: <i>Narwhal</i>	<i>Ice floe edge in Pond Inlet</i>	<i>June-July, around break-up</i>
Fish: <i>Arctic Char - Ikalu</i>		
Caribou:	—	
Muskox:	—	
Raptor:		
Migratory Birds:	—	
Waterfowl:		
Seals:	—	
Whales:	—	
Narwhals:	—	
Canid family (wolves, wolverines, foxes, etc.)	—	
Bears (grizzly, polar, black):	—	
Other:	<i>None</i>	
Eskers:	—	
Communities:	—	
Historical/Archaeological sites:	—	

15. Indicate and describe other known uses of the area such as local development, traditional use (hunting/fishing/spiritual), outfitting, tourism, mineral development, research, etc.:

*Area Traditionally used for fishing for Ikalu, Arctic Char.*

16. Describe the impacts of the proposed project activity on the environmental components and uses, in the area listed above:

*No Proposed Impacts*

17. What are some suggested mitigation measures for these impacts?

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**SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS***See Attached.***18. List the community representatives that you have contacted about this proposed project:**

Community	Name	Organisation	Date Contacted	Means	Telephone #	Fax #
<i>Savikiling</i>						

**19. Describe the level of involvement that the residents of Nunavut have had with respect to the proposed project. Elaborate on local employment opportunity, training programs, contracts, Inuit Impact Benefit Agreements (if applicable):**

*No Involvement at this time other than within the Hamlet Offices.*

**20. Describe and attach documentation regarding community concerns or support for the proposed project:**

*See Attached -*

**21. Is there a Traditional Knowledge (TK) component to this research project? If yes, see Appendix C.** *None established.*

<b>Applicant:</b>		
<i>[Signature]</i>	<i>Graduate Student/Researcher</i>	<i>11 June 2006</i>
<b>Signature</b>	<b>Title</b>	<b>Date</b>





