

NPC 150949: Assessing changing cryohydrogeologic conditions with locally-relevant landscape indicators in Nunavut, Canada

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**Proposal Status: Conformity Determination Issued**

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**KEEWATIN QUESTIONNAIRE**

GENERAL

**Environmental Protection:**

s2.4.9: The applicant undertakes to prevent any new occurrences of pollution, garbage and contamination at the site of the development.

YES

**Removal of Fuel Drums:**

s2.4.9: The applicant undertakes to remove all drums safely from the site and dispose of the drums in a safe manner.

YES

**New Site Restoration and Clean Up:**

s2.4.15 and Appendix 2,s1: The applicant undertakes to clean up the site and restore the site to its natural condition to the greatest extent possible.

YES

**Old Site Restoration and Clean Up:**

s3.13.2: The applicant undertakes to clean up the site and restore the site to its original condition to the greatest extent possible, including any work required due to the applicant's action prior to this application.

YES

**Low Level Air Flights:**

s5.4.4 and Appendix 2, s3: Will the applicant avoid low-level flights?

YES

**Caribou Protection Measures:**

s2.4.6 and Appendix 3: Will the applicant comply with the Caribou Protection Measures outlined in section 2.4.6 and in Appendix 3?

YES

**Caribou Water Crossings:**

Will the applicant avoid, between May 15 and September 1, to construct any camp, cache any fuel or conduct s2.4.6 and map: any blasting within 10 km of any Designated Caribou Water Crossing identified

YES

ARCHEOLOGY

**Reporting of Archaeological Sites:**

s4.4.3 and Appendix 3, s2 and s8: Will the applicant immediately report the discovery of all suspected archaeological sites to the Government of Nunavut?

YES

MINING DEVELOPMENT

**Mining Development:**

s3.4.4: Is the proposal for mining development?

NO

SCIENTIFIC RESEARCH

**Scientific Research:**

s6.4.2: Does the project proposal involve scientific research?

YES

If yes, will the applicant integrate all available and relevant local and traditional knowledge when conducting its research?

YES

**Local Services and Local Employment:**

s6.4.3: Will the applicant rely on local services and employment where possible?

YES

Describe the services retained and people to be employed.

This research project's field data collection is conducted with community members from Arviat, Whale Cove, Rankin Inlet, Coral Harbour, and Iqaluit. Accommodations and grocery stores in each of these five communities are utilized. The Aqqiumavvik Society office in Arviat is utilized as a work space.

**Communication on Scientific Research:**

s6.4.4: Will the applicant communicate with communities in language that is clear, non-technical, in Inuktitut and English and communicate to the affected communities the results of all scientific res

div>YES

**Consultation with Nunavut Research Institute:**

s6.4.5: Has the applicant made all reasonable efforts to consult with the Nunavut Research Institute about research that would benefit or interest local residents?

YES

Describe the results of your consultation.

This research project was co-designed with the Aqqiumavvik Society and Hunter and Trappers Organization in Arviat, Nunavut. The Mayor of Arviat and the Kivalliq Inuit Association Head Office have been engaged with and have provided input. Local residents

of each community were engaged with to identify the known overflow areas to be included in this research project. Mosha Cote at Nunavut Research Institute has been consulted and explained the efforts that have already taken place with with each community. In doing so, this research project benefits and is of interest to local community residents.

## PARTICULAR AREAS

### **Game Sanctuary:**

s2.4.1: Is the project proposal located, in whole or in part, within the Thelon Game sanctuary?

NO

### **Bird Sanctuary:**

s2.4.1: Is the project proposal located, in whole or in part, within the Mc Connell River Migratory Bird Sanctuary, the Harry Gibbons Migratory Bird Sanctuary or, the East Bay Migratory Bird Sanctuary

NO

### **Southern Southampton Island and Coats Island:**

s3.4.5: Is the project proposal located, in whole or in part, in southern Southampton Island and Coats Island?

YES

If yes, does the project proposal involve hydrocarbon exploration?

NO

### **Municipal Lands:**

s1.4.3: Is the project located, in whole or in part, within municipal boundaries?

YES

## PARTICULAR ACTIVITIES

**Hydroelectric Power Development:**

s2.4.13: Does the project proposal involve additional hydroelectric power development?

NO

**Uranium Development and Mining:**

s3.4.5, s3.4.6: Does the project proposal involve either uranium development or uranium mining?

NO

**Corridor:**

s5.4.6, s5.4.7: Does the project proposal involve the development of a transportation or communications corridor?

NO

**New Land Use:**

Does the project proposal involve a new type of land use never engaged in before in the region?

NO

**Code of Good Conduct for Land Users:**

Appendix 2: The applicant undertakes to adhere to the Code of Good Conduct at all times.

YES