



NIRB Application for Screening #125484

Unnamed Lake Water Supply Studies

Application Type: New

Project Type: Water

Application Date: 9/9/2019 3:50:52 PM

Period of operation: from 0001-01-01 to 0001-01-01

Proposed Authorization: from 0001-01-01 to 0001-01-01

Project Proponent: City of Iqaluit CAO
City of Iqaluit
Building 901, Box 460
Iqaluit NU X0A 0H0
Canada
Phone Number:: (867) 979-5667, Fax Number::

Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Unnamed Lake study area	Researching	Municipal	N/A	N/A	Within Municipal Boundaries of Iqaluit

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Iqaluit	Manasie Mark	Amaruq Hunters and Trappers Organization	2019-07-22

Authorizations

Indicate the areas in which the project is located:

South Baffin

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Nunavut Water Board	3AM-IQA1626 Application for Amendment	Active		
Nunavut Research Institute	Nunavut Research License	Applied, Decision Pending		
Fisheries and Oceans Canada	Fish and Fish Habitat Protection Program - Fisheries and Oceans Canada Approval	Active		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Transport of Equipment to/from work site if required.	
Water	Bathymetric Survey	
Land	Transport of personnel and equipment to and from Site	

Project accommodation types

Community

Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
ATV	2	1-2 person capacity	transport of personnel and equipment to/from site
helicopter	1	206L or similar	transport of equipment to/from work site if required
boat	1	16 ft	bathymetric survey

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Gasoline	fuel	2	25	50	Liters	Refuel of Boat Engine
Batteries	hazardous	2	10	20	Kg	Survey Equipment

Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Information is not available				

Environmental Impacts:

The research project has the potential to interact with Water Quality and Wildlife. Impacts to the environment from potential spills of fuel while refueling the boat will be minimized by applying spill contingency measures. This includes: transporting fuel in approved containers; minimizing fuel on site; not refueling on water; and carrying spill kits. Impacts to wildlife may result from disturbance of nests or dens. Project activities will minimize overland travel. An onshore staging area to be used during 2 days of project work will be established away from active nests or dens. A wildlife monitor will be retained to observe wildlife activity. Impacts to soil and vegetation will be minimized by avoiding wet areas during ATV travel.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

Description of Existing Environment: Physical Environment

The research project has the potential to interact with Water Quality and Wildlife. Impacts to the environment from potential spills of fuel while refueling the boat will be minimized by applying spill contingency measures. This includes: transporting fuel in approved containers; minimizing fuel on site; not refueling on water; and carrying spill kits. Impacts to wildlife may result from disturbance of nests or dens. Project activities will minimize overland travel. An onshore staging area to be used during 2 days of project work will be established away from active nests or dens. A wildlife monitor will be retained to observe wildlife activity. Impacts to soil and vegetation will be minimized by avoiding wet areas during ATV travel.

Description of Existing Environment: Biological Environment

Description of Existing Environment: Socio-economic Environment

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

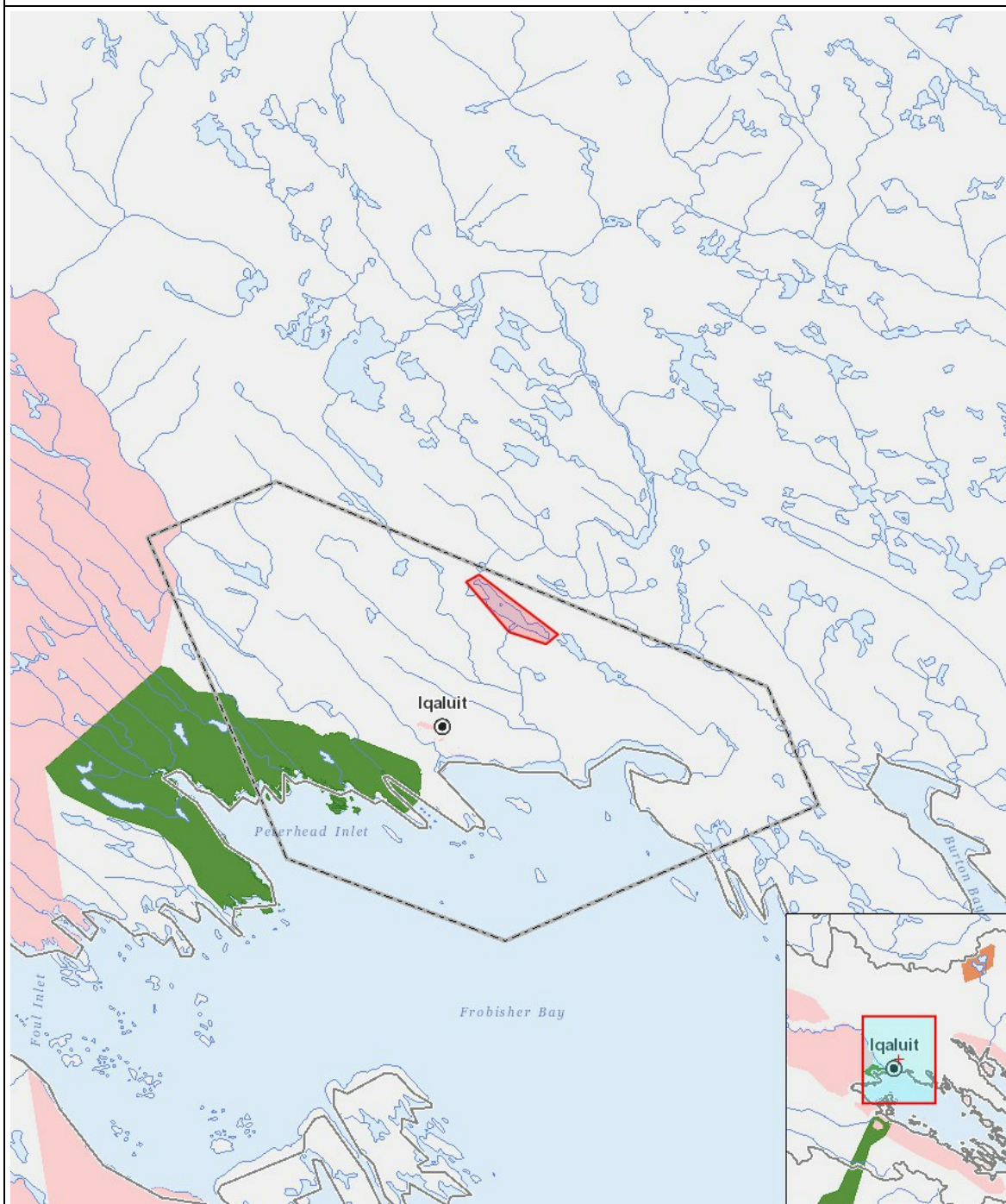
Impacts

Identification of Environmental Impacts

[illegible]

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

Project Location



List of Project Geometries

1	polygon	Unnamed Lake study area
---	---------	-------------------------