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Qikiqtani Inuit Association

QIKIQTANI INUIT ASSOCIATION

APPLICATION FOR ACCESS TO INUIT OWNED LAND

Office use only

| | | | |
|----------|-----------------|--------------|----------------|
| Category | Application No: | Accepted By: | Date Accepted: |
|----------|-----------------|--------------|----------------|

To be completed by all applicants

1. Applicant's name and mailing address (Full name, no initials or abbreviations)

Colonel Stephen Lacroix
Commander 3rd Canadian Division Support Group
CFB/ASU Edmonton
P.O Box 10500 Station Forces
Edmonton, Alberta T5J 4J5

Telephone no.

780 973-4011

Fax no

780 973-4006

2. Head Office address (Primary Contact)

Captain Andrew Ngo
Northern Coordinator
CFB/ASU Edmonton
P.O Box 10500 Station Forces
Edmonton, Alberta T5J 4J5

Telephone no.

780 973-4011 Ext 8049

Fax no.

780 973-4006

3. Field supervisor and address if different from above

Captain Francis Dion
Joint Engineer
Joint Task Force (North)
4816 49 Street, Yellowknife NT, X1A 1V6

Telephone no.

867 873-0700

4. Other personnel list (Subcontractors or contractors to be used)

Total no. of personnel: 120

No. of person days: 1440

5. Location of activities by map coordinates. Attach **ORIGINAL** maps and sketches.

| | | | |
|---------------|------------------|-----------------------|-------------------|
| MAX Latitude | 82° 36' 26.424" | MAX Longitude | -105° 47' 21.376" |
| MIN Latitude | 74° 38' 29.9976" | MIN Longitude | -61° 31' 44.148" |
| Map Sheet No: | | Inuit Land Parcel No: | |

Coordinate of camp (if applicable) Lat. ° ' " Long. ° ' "

Bivouac sites identified are proposed locations. Despite best efforts to identify these locations, it is entirely possible that the actual locations will differ from those identified below. In the case where they differ, the actual location(s) will be recorded during the In/Out Clearance Report process. Pre-positioned fuel caches within proximity of bivouac sites will be less than 4,000L in quantity.

| Bivouac Site | Fuel | Degrees |
|---------------------------------|------|--------------------------|
| Polaris Mine Op Box Bathurst | Yes | 75.408127N 96.666536W |
| Grise Fiord | Yes | 74.92693N 96.18530W |

NOTE: Please specify projection, datum, and digital format. Please provide the data as an Arc Info cover, ArcView Shape file or an .E00 file.

6. Periods of operation; including periods of seasonal shut down and periods for restoration.

Operation Nunavut 16 related activities that may require access to Inuit Owned Land, will occur between 3 to 22 April, 2016. Locations where activities will occur are within four Operational Boxes: Op Box Resolute Bay, Op Box Bathurst Island, Op Box Grise Fiord and Op Box Alert during operations. Forecasted numbers of persons in each locations are displayed below:

| DND Facility Location | April 2016 | | | | | | | | | | | | | | Total Est Pers Days |
|-------------------------------|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------------------|
| | 3-6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19-22 | |
| CAFATC Op Box Resolute Bay | 120 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 65 | 185 | 1085 |
| Op Box Alert | - | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 520 |
| Totals Person/Days | 120 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 105 | 225 | 1605* |
| Patrol Camp Location | 3-6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19-22 | Total Est Pers Days |
| Op Box Bathurst Island | - | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | 110 | - | 1320 |
| Op Box Grise Fiord | - | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | - | 120 |
| Totals Person/Days | - | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | - | 1440** |

Notes: *Estimated total of person/days within established DND operated facilities.

**Estimated total number of person/days within temporary military style (tents) camps on the land.

- 7.** Period of access required (up to one or two years for licenses, depending on license level, up to five years for residential/recreational leases and level I and II commercial leases, and up to forty years for level III commercial leases)

Start date:
3 April, 2016

Completion Date:
23 April, 2016

- 8.** Other rights, licenses, permits or leases related to this application. Provide proof of rights or indicate if in the process of applying for rights.

- ☐ NTI Subsurface Right
☐ DIAND Subsurface Right
☐ NWB Water License

- ☐ NRI Research License
☐ RWED Tourism License
☐ Explosives Permit

- ☐ CWS Permit
☐ Other:
Specify:

#

9. TYPE OF LAND USE ACTIVITY

Check off the appropriate land use activities.

Mining/Oil & Gas

- ☐ Staking and Prospecting
- ☐ Exploration (geophys-grd/air)
- ☐ Drilling (diamond/ice, etc)
- ☐ Mine (open pit, underground)
- ☐ Bulk fuel storage
- ☐ Other:

Construction:

- ☐ Camp
- ☐ Building
- ☐ Winter road
- ☐ All Season road
- ☐ Quarrying
- ☐ Other:

Tourism:

- ☐ Tourism facility
- ☐ Outfitting
- ☐ Other

Municipality:

- ☐ Bulk Storage
- ☐ Residential Building
- ☐ Commercial Building
- ☐ Other:

Research:

- ☐ Wildlife/fish/birds/marine
- ☐ Survey (grd/aerial/collars)
- ☐ Collection of species
- ☐ Research Station
- ☐ Other :

Other:

- ☐ Commercial harvest
- ☐ Recreational Camp
- ☒ Other: Military Exercise

10. TYPE OF WATER USE

Select the kind of project for which you will use the water, and the type of water use

Undertaking**Water Use:**

- ☐ Advanced Exploration
- ☐ Exploration Drilling
- ☐ Industrial
- ☐ Mine Development
- ☐ Power
- ☐ Remote/Tourism
- ☒ Other: Military Exercise

- ☐ To Obtain Water
- ☐ To Modify the bed or bank of water course
- ☐ To Alter the flow of, or store water
- ☐ To Cross the Watercourse
- ☐ To Divert the Watercourse
- ☐ Flood Control
- ☒ Other: Personnel Consumption & Cooking

11. QUANTITY OF WATER INVOLVED

Please include the quantity of water to be used during the Land Use activity

Water will be provided from domestic sources and packed in and out in solid form. If shortages are experienced, melting of snow will be employed as a source of water.

Quantity of water to be used:

21 m³/year

Quantity to be returned:

0 m³/year

12. WASTE

Describe the type of waste produced by the activity

- ☐ Bulky Items/Scrap metals
- ☒ Grey water
- ☒ Hazardous
- ☒ Sewage

Describe:

The bulk of grey water generated will be at established DND facilities with existing facilities for processing. Amounts produced in the field considered to be minimal and insignificant. All waste produced during the operation within:

- | | |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Sludge | a) Op Boxes Bathurst Island and Resolute Bay: To be transported to Canadian Armed Forces Arctic Training Centre (CAFATC) for proper disposal. |
| <input checked="" type="checkbox"/> Solid waste | |
| <input type="checkbox"/> Waste Oil | b) Op Box Alert: To Canadian Force Station Alert for proper disposal. |
| | c) Op Box Grise Fiord: To local land fill in Grise Fiord for proper disposal. |
| <input type="checkbox"/> Other: | All hazardous waste to be transported to CAFATC for proper disposal by qualified operators. |

13. LAND USE PERMIT

Select Land Use Permit You have been Issued

| | | |
|-----------------------------------------------------------------|---------------|---------------------------|
| <input checked="" type="checkbox"/> DIAND | date expected | No later than 1 Apr, 2016 |
| <input checked="" type="checkbox"/> Qikiqtani Inuit Association | date expected | No later than 1 Apr, 2016 |
| <input type="checkbox"/> Commissioner | date expected | |
| <input type="checkbox"/> Department of Environment | date expected | |

14. IMPACT

Predicted environmental impacts of undertaking and proposed mitigation measures (direct, cumulative impacts)

Describe:

The following is a list of potential impact that could result from the proposed activities:

- Increased activity and vehicle traffic from the proposed activities is expected to increase ambient noise levels and may also cause minor disturbance to the wildlife within the vicinity of activity locations. However, since there will be local Canadian Rangers accompanying all patrols, and all activities will be temporary, impacts are expected to be minimal.
- Vehicles involved in the operation will release particulate into the atmosphere and contribute to greenhouse gas (GHG) emissions. Air quality in the vicinity of activities may be temporarily reduced due to the increased fumes. However, due to the relatively short duration of the activity, and the use of new, lower emission vehicles, impacts to the atmosphere are expected to be minimal.
- Despite direction to ensure that all waste material it to be properly contained and transported back to RESOLUTE BAY for disposal, the potential exists for waste material produced during the Operation to litter property or be windblown onto surrounding locations. However, every effort will be made to ensure this does not happen, therefore the impact is considered to be easily mitigated and insignificant.
- Should fuel leak and/or spill occur from vehicles, equipment, etc., the possibility exists for contamination of ground water resources, soil and/or surface water. However, all units traveling outside RESOLUTE BAY will have spill cleanup supplies, and can be instructed on their use; therefore the potential for a malfunction and/or accident to cause any significant impact is low.

While there is potential for activities to impact the environment, mitigation measures have been established to minimize their significance. These mitigation measures, include, but are not limited to:

- An environmental brief will be provided to personnel involved in the exercise to ensure they are aware of the requirements and have the required general level of environmental awareness and knowledge, and are aware of requirements related to wildlife prevention, response and reporting.
- Vehicle movement will be restricted in sensitive areas. In the event that established trails are impassable, personnel will be instructed to use alternate routes for as limited distance as necessary.

- Individuals will be tasked to ensure that waste material and litter is collected on the site prior to departing the camp location. All waste produced on site will be packed out to RESOLUTE BAY for proper disposal.
- In order to prevent any unnecessary wildlife encounters, all waste will be appropriately contained, store and removed from the sites as soon as possible.
- Personnel will be made aware of the potential for threats from local wildlife and instructed to avoid encounters or disrupt any wildlife unless absolutely necessary.
- All noise making activities will be limited to occur as little as possible.
- As much as possible, vehicles and equipment will be maintained in good repair to prevent leakage of fuel, oil, etc.
- When in RESOLUTE BAY, all vehicle/equipment refueling will occur in one allocated location.
- Use of spill containment items including drip pans or mobile plastic berms will be maximized during refueling.
- All fuel storage systems and containers used in the proposed operation will be transported, stored, protected etc according to proper legislation, regulation, codes and guidelines.
- HAZMAT prevention/response resources (spill pans, hydrocarbon spill pads, absorbent etc.) will be available and ready for use if required. Spill kits will be specifically located at all fuel storage areas, vehicle maintenance areas and refueling areas.
- Photographs will be taken of all training location sites, and temporary camp locations before during and after use.

Based on all the information available regarding the proposed operation and the surrounding environment; if designed and carried out using the knowledge of the local Canadian Rangers in to addition to the identified mitigation measures, follow-up programs and monitoring, the operation is likely not to cause any significant effect on the environment.

NPC conformity check
NIRB Screening

****PLEASE NOTE QIA TO FORWARD APPLICATION
TO NPC & NIRB**

15. Proposed Time Schedule

☒ Same as the Land Use

☒ Check for **Annual Work**, specify the days of operation [Leave unchecked for multi year work]

Start day 3 Apr, 2016

Completion date 23 Apr, 2016

16. On a separate **page**, provide a **NON-TECHNICAL project summary**. This should include a non-technical description of the project proposal, no more than 300 words, in **English and Inuktitut**. The project description should outline the project activities 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.

17. **Attach a detailed project description as outlined in APPENDIX A.**

18. Land Use Application Fees:

| | |
|--------------------------------|--------------------------------|
| Land Use License I | |
| <input type="checkbox"/> | Inuit \$0 |
| | Non-Inuit \$250.00 |
| <input type="checkbox"/> | Land Use License II \$500.00 |
| <input type="checkbox"/> | Land Use License III \$1000.00 |
| Residential/Recreational Lease | |
| <input type="checkbox"/> | Inuit \$0 |
| | Non-Inuit \$250.00 |
| <input type="checkbox"/> | Exemption Certificate \$0 |
| <input type="checkbox"/> | Commercial Lease I \$500.00 |
| <input type="checkbox"/> | Commercial Lease II \$2500.00 |
| <input type="checkbox"/> | Commercial Lease III \$5000.00 |
| <input type="checkbox"/> | Right of Way Agreement \$500 |

Land use fees: # of hectares used @ \$50.00/hectare = \$ _____

Note: The land use fee is for the amount of land used on an annual basis.

19. Water Application Fees:

Water License Application type:

- ☐ For Land Use license Class I
the corresponding *Water Application fee* is **\$50.00** per year plus **\$ 1** for
Water use charge, *Volumetric fee*, **Total \$51** every year
- ☐ For Land Use License Class II the
corresponding *Water Application fee* is
\$250.00 every year plus **\$ 1** for Water use charge, *Volumetric fee*,
Total \$251.00 every year
- ☐ For Land Use License III
The corresponding *Water Application fee* is **\$500.00** every 2 years and
\$26.35/1000m³ for Water Use charge *Volumetric fee*. **Total \$276.35**
every year
- ☐ For Commercial Lease I
The corresponding *Water Application fee* is **\$50.00** and **\$ 26.35 /1000m³**
for Water use charge, *Volumetric fee*. **Total \$76.35** every year
- ☐ For Commercial Lease II
The corresponding *Water Application fee* is **\$500.00** and **\$ 26.35 /1000m³**
for Water use charge, *Volumetric fee*. **Total \$526.35** every year
- ☐ For Commercial Lease III,
The corresponding *Water Application fee* is **\$5000.00** and **\$ 26.35**
/1000m³ for Water use charge, *Volumetric fee*. **Total \$5026.35** every year

Water Use Fee [Volumetric fee]: # volume water use (m³) * \$26.35/1000m³ = \$ _____

Note: The water application type is related to the Land use application type. A water Protection fee will be
irged according to the type and stage of the development project.

20. a) The Applicant request a Certificate of Exemption ☒
- or
- b) The Applicant agrees to be bound by terms and ☐
conditions to be attached to the Inuit Land User License or
Lease

Sign name in full: _____

Signature



Date



APPENDIX A

All applicants must provide a detailed project description that includes ALL of the following:

1. Outline project activities, their necessity, their expected duration and alternatives considered. If the proposed activity fits into any long-term developments, describe the projected outcome of the development for the area and its timeline.
2. Schedule of activities including both operations and shutdowns.
3. Provide a preliminary plan showing the location of the lands proposed to be used and an estimate of their area in hectares. The preliminary plan should show the approximate location of all:
 - i) existing or new lines, trails, rights-of-way and cleared areas proposed to be used in the exercise of the Right;
 - ii) buildings, campsites, air landing strips, air navigation aids, fuel and supply storage sites, waste disposal sites, excavations, ponds, reservoirs and other works and places proposed to be constructed or used during the exercise of the Right;
 - iii) manmade structures and works, including bridges, dams, ditches, highways, roads, transmission lines, pipelines, survey lines and monuments, air landing strips; all topographical and natural features, including eskers, rivers, streams, lakes, inland seas and ponds; and all areas of biological interest, including wildlife and fish habitat, specifically, calving, denning, spawning or nesting areas, identified in consultation with the NWMB, RWO, or HTO, as appropriate, that may be affected by the exercise of the Right; and
 - iv) the accurate location of all carving stone, archaeological sites, and archaeological specimens.
4. Provide a list of structures that will be erected.
5. Equipment to be used, indicating type and number, size and ground pressure and proposed use. Include all drills, pumps, vehicles etc.
6. Fuels to be used, capacity of containers and number of litres. Include diesel, gasoline, aviation fuel, propane and other fuel types. Describe method of fuel transfer.
7. Provide a copy of fuel spill contingency plan.
8. Describe the methods of transportation.
9. Indicate the components of the environment that are near the project area, as applicable. Include the type of species, the important habitat area (calving, staging, denning, migratory pathways, spawning, nesting etc.), and the critical time periods (calving, post-calving, spawning, nesting, breeding etc.). Also, include information on eskers, communities, and historical/archaeological sites.
10. Summary of potential environmental, wildlife and resource impacts and mitigation measures to be used. Describe the effects of the proposed program on lands, water, flora and fauna.
11. Reclamation cost analysis for advanced exploration activities.

12. Proposed reclamation plan, that includes, but is not limited to the proposed methods and procedures for the progressive:

- i) removal of all structures, equipment, and other manmade debris;
- ii) rehabilitation of the area to its previous standard of human utilization and natural productivity;
- iii) replacement of overburden and soil;
- iv) grading of the area back to its natural contours; and
- v) re-establishment, to the extent possible, of flora.

Include information about on going site remediation throughout the duration of the project.

13. Indicate the number of Inuit to be employed, the Inuit firms to be contracted, and the socio-economic benefits to the area.

In addition to the above requirements, COMMERCIAL LEASE APPLICANTS must provide the following information:

- If the land is surveyed, state the lot and block number. If unsurveyed, state the size of the parcel and general area. Provide a detailed description and detailed sketch of the area applied for.
- Describe the type of commercial use.

In addition to the above requirements, RESIDENTIAL/RECREATIONAL LEASE APPLICANTS must provide the following information:

- If the land is surveyed, state the lot and block number. If unsurveyed, state the size of the parcel and general area. Provide a detailed description and detailed sketch of the area applied for.
- For what purposes will the land be used? Describe any buildings or improvements on this land. What is the value of the improvements on the land and who is the owner of the improvements.
- Provide a list of improvements planned for construction, the value of these improvements and within how many months of the effective date of the lease these improvements be finished.

In addition to the above requirements, QUARRY LICENSE or QUARRY CONCESSION AGREEMENT applicants must provide the following information:

- A description by meters and bounds of the land applied for;
- The name of the specified substances that the applicant desires to remove from the area; and
- A sketch showing clearly the position of the parcel in relation to a survey monument, prominent topographical feature or other known point and shown in its margin, copies of the markings on the posts or cairns.
- If for commercial use, the description shall contain an affidavit sworn by the applicant setting forth:
 - i) that the land contains material of the kind applied for in merchantable quantities;
 - ii) that the volume of specified substances are required for a project that has been approved by the appropriate level of government; and
 - iii) that the applicant has obtained a contract for the delivery of those Specified Substances.

Please prepare this project description on a separate sheet of paper and attach it to your application form marked as APPENDIX A. Return the original, signed and dated application form, with attached APPENDICES A and all ORIGINAL maps of the area to QIA Lands Office at Box 1340, Iqaluit, NU, X0A 0H0.