

| <p align="center">Qikiqtani Inuit Association</p> <p align="center">Application for Access To Inuit Owned Land</p> | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------|----------------|
| Office Use Only | | | |
| Category | Application No: | Accepted By: | Date Accepted: |
| To be completed by all applicants Ekalugad Fjord (FOX-C) Site Investigation | | | |
| 1. Applicant's name and mailing address (Full name, no initials or abbreviations) Lou Spagnuolo A/Director, Contaminated Sites Indian and Northern Affairs Canada | | P.O. Box 2200 Iqaluit, Nunavut X0A 0H0 | |
| | | Fax no. (867) 979-7939 Telephone no. (867) 979-7936 | |
| 2. Head Office address As above | | Fax no. (867) 979-7939 | |
| | | Telephone no. (867) 979-7936 | |
| 3. Field supervisor and address if different from above Brad Thompson Senior Environmental Engineer Public Works and Government Services Canada | | Telephone no. (780) 497-3862 | |
| 4. Other personnel list (Subcontractors or contractors to be used) <i>Contact information for Contractor is not available until successful award of contract.</i> Total no. of personnel: 35 (maximum) No. of person days: 75 (maximum) x 2 years | | | |
| 5. Location of activities by map coordinates. Attach ORIGINAL maps and sketches. | | | |
| MAX Lat Min | MIN Lat Deg | MIN Lat Deg | MAX Lat Deg |
| MAX Long Min | MIN Long Deg | MIN Long Min | MAX Long Deg |
| Map Sheet No: Inuit Land Parcel No: B1-32 | | | |
| Coordinate of camp (if applicable) Lat. <u>68° 42' "</u> N Long <u>68° 33' "</u> W 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. <i>75 days in Summer 2006 and 75 days in 2007 with site de-mobilization in Fall 200.</i> | | |
| 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) <i>September 2005, Summer 2006 and Summer 2007</i> | Start date <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-around;"> 010905 </div> | Completion date <div style="border: 1px solid black; padding: 2px; display: flex; justify-content: space-around;"> 300907 </div> |
| 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. <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> ? NTI Subsurface Right ? DIAND Subsurface Right ? NWB Water License </div> <div style="width: 30%;"> ? NRI Research License ? RWED Tourism License ? Explosives Permit </div> <div style="width: 30%;"> ? CWS Permit ? Other – Please Specify _____ _____ </div> </div> | | |
| 9. TYPE OF LAND USE ACTIVITY Check off the appropriate land use activities. | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <i>Mining/Oil & Gas</i> ? staking and prospecting ? exploration (geophys-grid/air) ? drilling (diamond/ice, etc.) ? bulk sampling ? mine (open pit, undergrd, etc.) ? bulk fuel storage ? other: _____ </div> <div style="width: 30%;"> <i>Construction:</i> ? camp ? building ? winter road ? all-season road ? quarrying ? other: <u>site remediation</u> </div> <div style="width: 30%;"> <i>Tourism:</i> ? tourism facility ? outfitting ? other: _____ </div> </div> | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <i>Municipality:</i> ? bulk storage of fuel ? residential building ? commercial building ? other: _____ </div> <div style="width: 30%;"> <i>Research:</i> ? wildlife (fish/birds/marine) ? survey (grd/aerial/collars) ? collection of species ? research station ? other: _____ </div> <div style="width: 30%;"> <i>Other:</i> ? commercial harvest ? recreational camp ? _____ ? _____ </div> </div> | | |

10. TYPE OF WATER USE

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

Undertaking

- ? Advanced Exploration
 ? Exploration Drilling
 ? Industrial
 ? Mine Development
 ? Power
 ? Remote/Tourism
 ? Other: Contaminated Site Remediation

Water Use

- ? To Obtain Water
 ? To Modify the bed or bank of a water course
 ? To Alter the flow of, or store, water
 ? To Cross the Watercourse
 ? To Divert the Watercourse
 ? Flood Control
 ? Other: Water Use for effluent discharge

11. QUANTITY OF WATER INVOLVED

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

Quantity of water to be used: 301.875 m³/year

Quantity of water to be returned: 301.875 m³/year

12. WASTE

Describe the type of waste produced by the activity

- ? Bulky Items/Scrap metals
 ? Grey water
 ? Hazardous
 ? Sewage
 ? Sludge
 ? Solid Waste
 ? Waste Oil
 ? Other: _____

Describe:

Wastes previously identified at site are as follows:

Contaminated soils – 1455 m³

Non hazardous debris - 6455 m³

Hazardous materials - 170 m³

Hydrocarbon contaminated soils will be treated at site;

All non hazardous debris will be landfilled or removed from site and transported south for disposal; and

Hazardous materials will be removed from site and transported south for disposal.

Refer to Tables in Section 6 attached Remediation Work Plan, FOX-C Ekalugad Fiord Intermediate DEW Line Site (UMA 2005)

13. LAND USE PERMIT

Select Land Use Permit Issued

| | | | |
|-------------------------------|-----|-----------------------|-----|
| ? DIAND | YES | If not, date expected | |
| ? Qikiqtani Inuit Association | YES | If not, date expected | |
| ? Commissioner | NO | If not, date expected | n/a |
| ? Department of Environment | NO | If not, date expected | n/a |

14. **IMPACT**

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

Describe:

Environmental Impact Assessment to follow under separate cover.

! NPC conformity check

| | | |
|-----|-----------------------|-----|
| YES | If not, date expected | |
| NO | If not, date expected | n/a |

? NIRB Screening

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: 2005-09-01 Completion Date: 2007-09-30

15. 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** (Inuinaktun, in the West Kitikmeot). 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.

Executive Summary attached in both English and Inuktitut.

16. Attach a detailed project description as outlined in APPENDIX A.

The principle activities of this project include:

- *The existing site infrastructure will be demolished and the demolition wastes will be segregated into hazardous and non-hazardous materials and disposed of appropriately;*
 - *Contaminated soil areas, identified during the previous field investigations, will be remediated;*
 - *All hazardous materials and soil will be disposed of at an off-site licensed disposal facility;*
 - *Scattered surface debris and partially buried debris on the site is to be collected and disposed of;*
 - *New landfills will be constructed to contain the non-hazardous contaminated soil and demolition waste generated during the clean up;*
 - *Existing landfills, on this site, will be remediated, as required;*
 - *Barrels disposed of in water courses will be consolidated, crushed and disposed of in on-site landfills;*
- and*

Refer to attached Remediation Work Plan, FOX-C Ekalugad Fiord Intermediate DEW Line Site (UMA 2005) and Project Schedule.

Refer to attached Fuel and Spill Contingency Plan.

Refer to Environmental Impact Assessment that is to follow under separate cover.

17. Land Use Application Fees:

- | | | |
|-----------------------------------------------------------------|-------------------------------------------------|-----------|
| <input type="checkbox"/> Land Use License I | <input type="checkbox"/> Commercial Lease I | \$1000.00 |
| Inuit \$0 | <input type="checkbox"/> Commercial Lease II | \$2500.00 |
| Non-Inuit \$100.00 | <input type="checkbox"/> Commercial Lease III | \$5000.00 |
| <input type="checkbox"/> Land Use License II \$250.00 | | |
| <input type="checkbox"/> Land Use License III \$500.00 | | |
| | | |
| <input type="checkbox"/> Residential/Recreational Lease | | |
| Inuit \$0 | <input type="checkbox"/> Right of Way Agreement | \$500.00 |
| Non-Inuit \$250.00 | | |
| <input checked="" type="checkbox"/> Exemption Certificate \$0 | | |

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.

18. 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** per year plus **\$1** for Water use charge, *Volumetric fee*, **Total \$251.00** every year
- ☐ For Land Use license Class III the corresponding *Water Application fee* is **\$500.00** every two years plus **\$26.35/1000m³** for Water use charge, *Volumetric fee*, **Total \$526.35** 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

Not applicable

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 charged according to the type and stage of the development project.

19. a) The Applicant request a Certificate of Exemption

☒ X

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

Note: Schedule B should be Included

20. 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.

Site remediation will include activities on both Crown and IO Lands.

Activities to be carried out on Inuit Owned Lands

The Beach and Lake Sites as well as the road connecting the two sites and the lower portion of the upper access road are located on IO Lands. A non hazardous waste landfill and the landfarm (that will be used to treat petroleum hydrocarbon contaminated soils) will be constructed on IO Lands. All borrow sources will be developed on IO Lands. Barrel consolidation, including removal of barrels from river and glacial stream will be carried out on these lands.

Hydrocarbon contaminated soil will be moved to a landfarm facility to be constructed on IO Lands near the beach;

The existing site infrastructure (primarily a few other buildings at the Lake and Beach Areas will be demolished and the material will be segregated into hazardous and non-hazardous waste streams and disposed of appropriately);

- *Scattered surface debris and partially buried debris is to be collected and disposed of in on site non hazardous waste landfills;*
- *Two non hazardous waste landfills will be constructed at the site. The landfills will contain demolition and other non hazardous waste generated during the clean up. One of these landfills is located on IOL lands*
- *Existing dump sites will be remediated, as required; and*
- *Roads will be re-constructed and repaired.*

Activities to be carried out on Crown lands

The Middle and Upper Stations as well as portions of the upper access road are located on Crown lands. A non hazardous waste landfill will be constructed at the Mid- Station site on Crown lands. No infrastructure will remain on Crown Lands and no borrow sources will be utilized on these lands.

See attached Remediation Action Plan.

2. Schedule of activities including both operations and shutdowns.

It is anticipated that the camp contractor will mobilize to the site in September 2005. The camp will be occupied from July 1 to October in 2006 and 2007 for a maximum of 75 days per year. The camp will demobilize following the end of the field season in 2007.

See attached Project Schedule.

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.

See attached Remediation Action Plan and Site Location & Site Detail Sketches.

4. Provide a list of structures that will be erected.

A temporary camp capable of handling up to 35 people for 75 days in both years will be erected on IOL. See attached Remediation Action Plan.

5. Equipment to be used, indicating type and number, size and ground pressure and proposed use. Include all drills, pumps, vehicles etc.

To be provided by Contractor upon award of Contract – note that all heavy equipment will be brought to site by the Contractor and removed upon completion of the project. Some equipment used will exceed the minimum weight 10 tonnes net vehicle weight ie backhoes, tracked tractors. List of equipment to be provided upon contract award.

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.

Diesel and gasoline will be used at site. Fuel will be stored in a number of 205 L barrel, although diesel may be transported to site and stored in a truck-mounted tank.

7. Provide a copy of fuel spill contingency plan.

See attached Fuel & Spill Contingency Plan.

8. Proposed disposal methods for garbage, sewage, grey water, overburden (organic soil, waste material, tailings etc.), hazardous waste and other waste products. Describe the acid rock drainage potential of waste rock material and testing methods, if applicable. List the type, estimated quantities, and storage methods of any hazardous materials that are going to be stored on the property.

Non-hazardous, combustible solid waste will be incinerated on-site in an enclosed container.

Noncombustible solid waste generated from the camp operations will be stored in a secure waste disposal bin. The contents of the waste disposal bin will be transported and disposed of in one of the on-site non-hazardous waste (NHW) landfills on an as required basis.

Two temporary lagoons will be installed each having a capacity for 45 days of wastewater storage. The location of the lagoons will be a minimum of 100 m from the construction camp, a minimum of 450 m from water bodies and downwind of the construction camp.

Minor volumes of hazardous materials used to power and maintain site and equipment will also be stored at site and removed at completion of project.

See attached Remediation Action Plan.

9. Describe the methods of transportation.

Site mobilization and demobilization will be carried out by helicopter and/or barge. On-site transportation requirements will be met by trucks, ATVs and on foot.

10. 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.

See Environmental Impact Assessment, which will follow under separate cover.

11. 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.

See Environmental Impact Assessment, which will follow under separate cover.

12. Reclamation cost analysis for advanced exploration activities.

N/A

13. 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.

Works are essentially a remediation project. See attached Remediation Work Plan.

14. Indicate the number of Inuit to be employed, the Inuit firms to be contracted, and the socioeconomic benefits to the area.

Much of the workforce and equipment will come from local communities. Specifics to be determined by the contractor. DIAND anticipate trades, labourers, camp personnel and foremen will be required

| 21. Quarry License and Quarry Concession Agreement Requirements | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land description by meters and bounds: | <i>Approximately 40 000 m³ to used to construct landfills, landfarms, and site roads. Seven borrow sources to be developed throughout site.</i> |
| Name(s) of the specified substances to be removed from the area: | <i>Boulders, cobble, gravel and sand to be used.</i> |
| 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: | <i>Please see attached Remediation Work Plan and Figures for details on locations and sizes of borrow sources.</i> |

SCHEDULE B

FEES - SURFACE RIGHTS

| Type of Right | Initial Application, Extension, Renewal, Assignment and Adjustment of a Right | Annual Rents for Lands |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Certificate of Exemption | 0 | 0 |
| Class 3 Land Use Licence | \$500.00 | \$50 per hectare |
| Class 2 Land Use Licence | \$250.00 | 0 |
| Class 1 Land Use Licence (Inuit) | 0 | 0 |
| Class 1 Land Use Licence (Non-Inuit) | \$100.00 | 0 |
| Residential or Inuit Recreational Lease Non-Inuit | 0 \$250.00 | 0 \$250.00 |
| Class 3 Commercial Lease Class 2 Commercial Lease Class 1 Commercial Lease (categories subject to review) | \$5000.00 + legal (or \$10,000) \$2,000 + legal (or \$3,000) \$500.00 (these fees subject to review) | \$ per hectare to be negotiated |
| Quarry Licence: Inuit Commercial and Non-Inuit: – Land Reclamation Fee (\$/m ³) Special Admin. Fee (\$/m ³) Gravel Royalty (\$/m ³) | \$20.00 \$0.50 \$1.50 \$1.00 | Annual Rents are not applicable |
| Quarry Concession · Land Reclamation Fee (\$/m ³) Special Admin. Fee (\$/m ³) Gravel Royalty (\$/m ³) | \$2000.00 | Fees and Royalties are to be negotiated |
| Easements and Right-of Ways | \$500.00 | Annual Rents are to be negotiated |

NOTE: Fees may be waived for casual users, researchers and government officials as per Article 21 of the Agreement. There may be additional charges to the applicant if warranted by the size and complexity of a Commercial Lease proposal and the complexity and cost of negotiating the Lease.

SCHEDULE "B"
FEES - SUBSURFACE

EXPLORATION AGREEMENT

Annual Fee

| Years | Annual Fee (\$/ha/yr) |
|--------------|----------------------------------|
| 1 | \$1.00* |
| 2 - 5 | \$2.00* |
| 6 - 10 | \$2.50 |
| 11 - 20 | \$4.00 |

* Limited Exemption for Inuit Individuals for first two years as specified in the Application. Subject to payment on assignment to a company.

In this Schedule, fees are based on the size (number of hectares) of the Exploration Area and a Year of twelve months. If a year is greater or less than twelve months, the amount of the Annual Fee will be increased or decreased proportionately.

Fee for Application for Exploration Agreement (New or Addition) (s. 145 and s. 175)

| | |
|-------------|-------|
| Individuals | \$0 |
| Companies | \$500 |

Fee for Relief from Work (s. 158)

25% of the value of the required Exploration Work for each year Exploration Work requirements are waived

Fee for Relief from Work (s. 159)

\$2/hectare

Fee for Reduction of Exploration Area (s.174)

\$250

Application Fee for Production Lease (s.182 and 187)

\$2,000 plus reimbursement of NTL's reasonable legal and consulting out-of-pocket expenses incurred to review and process the application and prepare the Lease