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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

WATER LICENCE SCHEDULE III - APPLICATION FORM

Application for: (check one)

☒ **New** ☐ **Renewal** ☐ **Amendment** ☐ **Assignment** ☐ **Cancellation**

LICENCE NO:

(for NWB use only)

<p>1. NAME AND MAILING ADDRESS OF APPLICANT/LICENSEE</p> <p><i>Natalie Plato Director, Contaminated Sites Program Indian & Northern Affairs Canada P.O. Box 2200 Iqaluit, NU X0A 0H0</i></p> <p>Phone: <u>(867) 979 7934</u> Fax: <u>(867) 979 6445</u> e-mail: <u>platon@inac-ainc.gc.ca</u></p>	<p>2. ADDRESS OF CORPORATE OFFICE IN CANADA (if applicable)</p> <p style="text-align: center;">-</p> <p>Phone: _____ Fax: _____ e-mail: _____</p>
<p>3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)</p> <p><i>Roberts Bay and Ida Bay abandoned silver mines located about 115 kilometers southwest of Cambridge Bay, Nunavut see Appendix G: Roberts Bay and Ida Bay Location Map & an aerial map showing main current features of the site</i></p> <p>Latitude: (68° 10' 45 " N) Longitude: (106° 33' 29 " W) NTS Map Sheet No. 077A Scale: 1:250,000</p>	
<p>4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)</p> <p><i>Site remediation operations to include:</i></p> <ol style="list-style-type: none"> <i>1. Mobilization/Demobilization of equipment, materials/wastes and personnel</i> <i>2. Enhancement of site access routes</i> <i>3. Installation of a temporary dock</i> <i>4. Camp set-up and operation</i> <i>5. Hazardous material removal, handling and transportation</i> <i>6. Temporary storage on site for hazardous materials, equipment and fuels</i> <i>7. Building and structure demolition</i> <i>8. Debris consolidation and disposal</i> 	

9. *Excavation and relocation or removal of contaminated soil*
10. *Capping waste rock and tailings*
11. *Quarrying of gravel and overburden materials*
12. *Landfill construction*
13. *Site grading*

All site remediation activities will take place on Crown Land. There will be no activities on Inuit Owned Lands (IOL). However, if the option of mobilization / demobilization by Barge via the existing Hope Bay landing site (see: Appendix C: Remediation plan) is adopted, temporary storage space may be required on or near IOL. IOL access permit will be applied for to allow for temporary storage on IOL if required.

See: Appendix A1 & A2 – Executive Summary in English and Inuktitut

Appendix B – INAC Project Detailed Work Plan (financial information removed)

Appendix C – Roberts' Bay and Ida Bay Abandoned Mine Sites Remediation Plan.

Appendix D – Current Project Schedule

Appendix G – Site Maps

5. **TYPE OF PRIMARY UNDERTAKING** (A supplementary questionnaire must be submitted with the application for undertakings listed in “**bold**”)

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input type="checkbox"/> Mining and Milling (includes exploration/drilling) | <input type="checkbox"/> Conservation |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Power | <input checked="" type="checkbox"/> Miscellaneous (describe below): |

Site Remediation (Remote Camp Supplementary Questionnaire Completed and enclosed)

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings

6. **WATER USE**

- | | |
|---|---|
| <input checked="" type="checkbox"/> To obtain water | <input type="checkbox"/> Flood control |
| <input checked="" type="checkbox"/> To cross a watercourse | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To modify the bed or bank of a watercourse | <input type="checkbox"/> To alter the flow of , or store, water |
| <input type="checkbox"/> Other (describe): _____ | |

7. **QUANTITY OF WATER INVOLVED** (cubic metres per day including both quantity to be used and quality to be returned to source)

Water use ☒ 100m³/day or less
☐ Greater than 100m³/day; if greater, indicate quantities to be used for each purpose (camp, drilling, etc.)

Water returned to source
 ___0___ m³/day

Used water will not be returned to source; it will be discharged into a waste treatment facility – a temporary lagoon built to treat wastewater generated on-site (more details contained in the exploration and remote camp questionnaire)

8. **WASTE** (for each type of waste describe: composition, quantity (cubic metres per day), methods of treatment and disposal, etc.)

<input checked="" type="checkbox"/> Sewage	<input checked="" type="checkbox"/> Waste oil
<input checked="" type="checkbox"/> Solid Waste	<input checked="" type="checkbox"/> Greywater
<input checked="" type="checkbox"/> Hazardous	<input type="checkbox"/> Sludges
<input checked="" type="checkbox"/> Bulky Items/Scrap Metal	<input type="checkbox"/> Other describe): _____

See: Section 2 – Exploration and Remote Camp Supplementary Questionnaire
Appendix C – Roberts' Bay and Ida Bay Abandoned Mine Sites Remediation Plan.

9. **OTHER PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING** (give name, mailing address and location; attach if necessary)

Land Use Permit

DIAND ☒ Yes ☐ No If no, date expected _____

Regional Inuit Association ☒ Yes ☐ No If no, date expected _____

Commissioner ☐ Yes ☒ No If no, date expected Not Applicable (N/A)

All remediation activities will take place on Crown Land. However, if the option of mobilization / demobilization by Barge via the existing Hope Bay landing site (see: Appendix C: Remediation Plan) is adopted, temporary storage space may be required on or near IOL. IOL access permit will be applied for to allow for temporary storage on IOL if required.

10. **PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** (direct, indirect, cumulative impacts, etc.)

NIRB Screening ☒ Yes ☐ No If no, date expected _____

Environmental (Impact) Assessment (Screening Level) report will be forwarded to the board under a separate cover

11. **INUIT WATER RIGHTS**

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

No, all activities will take place on Crown Land and there will be no discharges to any water bodies.

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

Not applicable (N/A)

12. **CONTRACTORS AND SUB-CONTRACTORS** (name, address and functions)

This information will only be available after contract award

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

- *Environmental Site Assessments (Phases I, II and III)*
- *Geotechnical and Geophysical Assessments*
- *Human Health and ecological Risk Assessment*
- *Geochemical Assessment in support of Site Remediation*
- *Waste Audit*
- *Remediation Action Plan (RAP)*

See Section 2 - Exploration and Remote Camp Supplementary Questionnaire (for full list)
 Appendices H1-8- Reports of Previous Studies

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun/English Summary of Project ☒ Yes ☐ No If no, date expected _____

Application fee of \$30.00 (Payee Receiver General for Canada) ☐ Yes ☒ No If no, date expected _____

This application is being made by a Department of Government of Canada

Water Use fee of \$30.00 (unless otherwise indicated in Section 9 of the *NWT Waters Regulations*; Payee Receiver General for Canada)

☐ Yes ☒ No If no, date expected _____

This application is being made by a Department of Government of Canada.

15. PROPOSED TIME SCHEDULE (unless otherwise indicated, the NWB will consider the application for a five (5) year term)

☐ one year or less (or) ☒ Multi Year

Start Date: June 2007

Completion Date: July 2010

See Appendix D – Current Project Schedule

Natalie Plato

Director, Contaminated Sites

Name (Print)

Title (Print)

Signature

Date

For Nunavut Water Board office use only

APPLICATION FEE Amount: \$ _____ Pay ID No.: _____

WATER USE DEPOSIT Amount: \$ _____ Pay ID No.: _____