



## Application for Water Licence Renewal

Document Date: April 2013

Application Submission Date:

\_\_\_\_\_  
Month/Day/Year

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NUNAVUT IMALIRIYIN KATIMAYIT  
NUNAVUT WATER BOARD  
OFFICE DES EAUX DU NUNAVUT

## DOCUMENT MANAGEMENT

Original Document Date: April 2010

### DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 7	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	New NWB logo and request for background information	April 2013
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



**2. LICENSEE REPRESENTATIVE CONTACT INFORMATION** – If different from Block 1.

Name: David Willis, Land Administrator

Address: Same as Block 1

Phone: Same as Block 1

Fax: Same as Block 1

e-mail: Same as Block 1

(Attach authorization letter.) Unchanged from before

**3. NAME OF PROJECT**

Is the name of the project the same as that considered in the existing water licence?

☒ Yes ☐ No

Indicate the name of the project including the name of the location: Nanuq North Project on 250K NTS Map Sheet 56G – Wager Bay

**4. LOCATION OF UNDERTAKING**

Is the location of the undertaking the same as that considered in the existing water licence?

☒ Yes ☐ No

**Project Extents**

The following coordinates are read clockwise from the top NW corner of the Nanuq North Property:

- 1.) 91° 14' 59" W 65° 42' 27" N
- 2.) 91° 10' 58.6" W 65° 42' 30" N
- 3.) 90° 51' 24.3" W 65° 37' 57.4" N
- 4.) 90° 31' 57" W 65° 39' 17.4" N
- 5.) 90° 31' 57.7" W 65° 29' 7" N
- 6.) 91° 3' 40.2" W 65° 37' 18" N
- 7.) 91° 14' 57.5" W 65° 37' 23.8" N

**Camp Location(s)**

Latitude: (65° 23' 43.5" N)

Longitude: (91° 12' 54.8" W)

**5. MAP**

Are the locations of the main components of the undertaking the same as those considered in the existing licence?

☒ Yes ☐ No

Attach a topographical map, indicating the main components of the undertaking.

NTS Map Sheet No.: 56G

Map Name: Wager Bay

Map Scale: 1:250,000

## 6. NATURE OF INTEREST IN THE LAND

Is the nature of the interest in the land the same as that considered in the existing water licence?

☒ Yes ☐ No

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

### Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☒ Mineral Claim from Indian and Northern Affairs Canada (INAC)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: November 4, 2018

### Surface

☒ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC) N2012C0026  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: July 28, 2015

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ IOL Authorization from Kivalliq Inuit Association (KivIA)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ Commissioner's Land Use Authorization  
Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

☐ Other \_\_\_\_\_

Date (expected date) of issuance: \_\_\_\_\_ Date of expiry: \_\_\_\_\_

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

Name of entity(s) holding authorizations:

\_\_\_\_\_

## 7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Is the undertaking located in the same land use planning area as that considered in the existing licence?

☒ Yes ☐ No

Indicate the land use planning area in which the project is located.

- ☐ North Baffin  
☐ South Baffin  
☐ Akunnig

- ☒ Keewatin (Currently called the Kivalliq)  
☐ Sanikiluaq  
☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☐ Yes ☒ No

If Yes, indicate date issued and attach copy. \_\_\_\_\_

Does the proposed renewal change the original NPC conformity determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. \_\_\_\_\_  
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

## 8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy.

[NIRB File # 09EN011 – Indicator Minerals](#)

[See Appendix “A”](#)

Does the proposed renewal change the original NIRB screening determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy. \_\_\_\_\_  
If No, provide written confirmation from NIRB confirming that a screening determination is not required.

## 9. DESCRIPTION OF UNDERTAKING

Is the description of the undertaking the same as that considered in the existing water licence?

☒ Yes ☐ No

List and attach plans and drawings or project proposal.

[See Map 1: NTS Map 56G in Appendix “B”](#)

## 10. OPTIONS

Are the alternative methods and locations that were considered to carry out the project the same as those considered in the existing water licence?

☒ Yes ☐ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

The project area is geographically and geologically confined/defined. There are no alternates to locating the project where it is currently located. The camp location could potentially be moved but this would require additional ground logistics and result in a greater footprint. The present camp location works where it is presently located.

## 11. CLASSIFICATION OF PRIMARY UNDERTAKING

Is the primary undertaking the same as that considered in the existing water licence?

☒ Yes ☐ No

Indicate the primary classification of undertaking by checking one of the following boxes.

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

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

## 12. WATER USE

Is the type(s) of water use(s) the same as that considered in the existing water licence?

☒ Yes ☐ No

Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> To obtain water for camp/ <del>municipal purposes</del> |   |
| <input type="checkbox"/> To obtain water for industrial purposes                            | <input type="checkbox"/> To divert a watercourse                    |
| <input type="checkbox"/> To cross 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"/> Flood control                              |
| <input checked="" type="checkbox"/> Other: drill water                                      |   |

### 13. QUANTITY OF WATER INVOLVED

Is the source of water the same as that considered in the existing licence? ☒ Yes ☐ No

Name of water source(s): Domestic Water Source is illustrated on attached Map #2 in Appendix "B"  
(show location(s) on map) Local water sources in the project area will be used once the drill locations have been defined.

Is the quality of the water source and its available capacity the same as that considered in the existing licence?

☒ Yes ☐ No

Describe the quality of the water source(s) and the available capacity(s)

Domestic water to be drawn from a local round shaped lake approximately 1200 metres in diameter. Local water sources of sufficient volume will be utilized once drill locations have been defined.

Is the overall estimated quantity of water to be used the same as that considered in the existing licence?

☒ Yes ☐ No

Provide the overall estimated quantity of water to be used:

- Total use is 58 m<sup>3</sup>/day
- Domestic = 8 m<sup>3</sup>/day
- Drilling = 50 m<sup>3</sup>/day (when drill activities are taking place)
- 

Are the quantity(s) of water to be used from each source the same as those considered in the existing licence?

☒ Yes ☐ No

Provide the estimated quantity(s) of water to be used from each source:

- Domestic = 8 m<sup>3</sup>/day lake on round lake adjacent to camp
- Drilling = 50 m<sup>3</sup>/day from local water sources once drill targets are defined and when drill activities are taking place)
- 

Are the quantity(s) of water to be used for each purpose the same as those considered in the existing licence?

☒ Yes ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.):

- Domestic = 8 m<sup>3</sup>/day
- Drilling = 50 m<sup>3</sup>/day (when drill activities are taking place)
- 

Are the method(s) of extraction the same as those considered in the existing licence? ☒ Yes ☐ No

Describe the method(s) of extraction:

Water used for both domestic and drilling purposes will require the use of a gas powered pump.

Are the quantity(s) of water returned to source(s) the same as those considered in the existing licence?

☒ Yes ☐ No

Estimated quantity(s) of water returned to source(s): 0 m<sup>3</sup>/day

Are the quality(s) of water(s) returned to source(s) the same as those considered in the existing licence?

☒ Yes ☐ No

Describe the quality(s) of water(s) returned to source(s): At present no water will be returned to source.

#### 14. WASTE

Are the type(s) of waste(s) to be generated and/ or deposited the same as those considered in the existing licence?

☒ Yes ☐ No

Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

☒ Sewage

☒ Solid Waste

☐ Hazardous

☒ Bulky Items/Scrap Metal

☐ Animal Waste

☐ Other (describe): \_\_\_\_\_

☒ Waste oil

☒ Greywater

☐ Sludges

☐ Contaminated soil and/or water

#### 15. QUANTITY AND QUALITY OF WASTE INVOLVED

Are the quantity(s) of the types of wastes involved the same as those considered in the existing licence?

☒ Yes ☐ No

Are the composition(s) of the types of wastes involved the same as those considered in the existing licence?

☒ Yes ☐ No

Are the method(s) of treatment for the types of waste involved the same as those considered in the existing licence?

☒ Yes ☐ No

Are the method(s) of disposal for the types of waste involved the same as those considered in the existing licence?

☒ Yes ☐ No

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Sewage		20 litres	Pacto Toilets	Incinerated – removed from site
Greywater		3 cubic metres	Soil filter/box	Sump
Solid waste			Incinerated	Ashes removed from site
Scrap Metal	Misc. broken drill parts	150 lbs/ season	None	Removed from site
Waste oil	Engine oil	50 litres	None	Removed from Site
Empty Drums	Empty 205 litre fuel drums	5 per day	None	Removed from Site

**16. OTHER AUTHORIZATIONS**

In addition to the sub-surface and surface land use authorizations provided in Block 6, are the same authorizations required as considered in the existing licence?

☒ Yes ☐ No

For each provide the following:

Authorization: AANDC Class "A" Land Use Permit N2012C0026

Administering Agency: AANDC Land Administration

Project Activity: Nanuq North Project: Exploration Camp and Drilling

Date (expected date) of issuance: July 29, 2013 Date of expiry: July 28, 2015

**17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES**

Are predicted environmental impacts of the undertaking and proposed mitigation measures the same as those considered in the existing water licence?

☒ Yes ☐ No

Describe direct, indirect, and cumulative impacts related to water and waste.

This is an ongoing field program that seeks to resolve numerous high quality geophysical indicator mineral anomalies, geochemical anomalies and geophysical anomalies. Field activities will largely consist of low impact work such as prospecting, mapping, till and rock sampling, and ground geophysics. Mechanical exploration work (drilling) will be undertaken when drill targets are defined through geological work.

Direct, indirect and cumulative impacts at this point in time will be minimal.

**18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS**

Are the effects of the undertaking on any known persons or property including those that hold licences for water use in precedence to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature, the same as those considered in the existing water licence?

☒ Yes ☐ No

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

No known holders.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.

No compensation being paid there are no water rights holders.

**19. INUIT WATER RIGHTS**

Are the effects of the undertaking on the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL) the same as those considered in the existing water licence?

☒ Yes ☐ No

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

No water flowing through IOLs

**20. CONSULTATION** - Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

See Appendix "C"

## 21. SECURITY INFORMATION

Is the financial security assessment the same as that considered in the existing water licence?

☒ Yes ☐ No

Is the estimate of the total financial security for final reclamation the same as that considered in the existing water licence?

☒ Yes ☐ No

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Camp has not been set-up. When established it would cost approximately \$30,000.00. The planned camp is small and would require a couple of Twin Otter flights and a day of labour to demobilize.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002.

## 22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

☒ Yes ☐ No

Provide an updated statement of financial security. – No financial Security Associated with Water Use Licence

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☒ Yes ☐ No

Provide a list of the officers of the company.

- 1) Eric Friedland – CEO
- 2) Brooke Clements – President
- 3) Tom Peregoodoff – Executive Vice President, Business Development
- 4) Greg Shenton – Chief Financial Officer

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☒ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

See Appendix "D"

### **23. STUDIES UNDERTAKEN TO DATE**

List and attach updated studies, reports, research etc.

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

- 1) December 2009 - Mineral Assessment Report 85540 – Indicator Minerals
- 2) January 2011 – Mineral Assessment Report 85602 – Indicator Minerals
- 3) July 2012 – Mineral Assessment Report 85733 – Peregrine Diamonds Ltd.
- 4) November 2012 – Annual Water Use Report – Peregrine Diamonds Ltd.
- 5) November 2013 – Annual Water Use Report – Peregrine Diamonds Ltd.

No compliance issues have been issued by inspectors for 2BE\_NQN0914  
All annual fees have been paid

## 24. PROPOSED TIME SCHEDULE

Is the time schedule for all phases of development (construction, operations, closure and post closure) the same as that considered in the existing licence?

Seasonal = ☒ Yes ☐ No

Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

### Construction

Proposed Start Date: March 2015 Proposed Completion Date: March 2015  
(month/year) (month/year)

### Operation

Proposed Start Date: March 2015 Proposed Completion Date: September 2020  
(month/year) (month/year)

### Closure

Proposed Start Date: September 2020 Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

### Post - Closure

Proposed Start Date: September 2020 Proposed Completion Date: \_\_\_\_\_  
(month/year) (month/year)

For each applicable phase of development indicate which season(s) activities occur.

### Construction

☒ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

### Operation

☒ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

### Closure

☒ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

### Post - Closure

☒ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

## 25. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? [October 31, 2014](#)

Indicate the proposed term of the renewal (maximum of 25 years): [6 year \(to 2020\)](#)

Requested date of renewal issuance: [November 1, 2014](#) Requested Expiry Date: [November 1, 2020](#)  
(month/year) (month/year)

(The requested date of renewal issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's *Guide 5: Processing Water Licence Applications* for more information)

## 26. ANNUAL REPORTING

Is the annual report template expected to be the same as that considered in the existing licence?

☒ Yes ☐ No

If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

## 27. CHECKLIST

The following must be included with the application for renewal for the water licensing process to begin.

Completed Application for Water Licence Renewal form.

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Updated plans, including designs and reports (see Block 23).

☒ Yes – Appendix “E” ☐ No If no, date expected \_\_\_\_\_

Updated security assessment (see Block 21).

☒ Yes – See Block 21 ☐ No If no, date expected \_\_\_\_\_

Updated financial statement (see Block 22).

☒ Yes – Appendix “D” ☐ No If no, date expected \_\_\_\_\_

Compliance Assessment / Status Report (see Block 23).

☒ Yes – Block 23 ☐ No If no, date expected \_\_\_\_\_

English Summary of Renewal Application.

☒ Yes – Appendix “F” ☐ No If no, date expected \_\_\_\_\_

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

☒ Yes - Appendix “F” ☐ No If no, date expected \_\_\_\_\_

Application fee of \$30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ No If no, date expected \_\_\_\_\_

Water Use Fee Deposit of \$30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

☒ Yes – Paid by Credit Card ☐ No If no, date expected \_\_\_\_\_

**28. SIGNATURE**

I, **David Willis** (print name)

certify that the application requires no changes to water use or waste disposal as previously authorized and that the information given on this form is, to the best of my knowledge, correct and complete.

\_\_\_\_\_  
Signature



\_\_\_\_\_  
Date

**October 6, 2014**