

Richard Dwyer

My Name is James Wilson

I work at Nunatta Environmental Services in Iqaluit and we currently have a water license with NWB

I have been looking after the land farm in Rankin for PPD who took over management of it from CGS in 2016.

I was not privy to the water license and assumed it was in good standing. It was not until summer of 2020 when I asked permission to have water pumped out of the cell so it was possible to dig and repair a badly eroded wall of the containment cell. When I asked about discharging water, I was told we could not discharge water without a water license. This was when we found out the current water license had expired.

The water was not pumped out and no work was done last year in the land farm because water levels were too high and working surface was flooded. Still soil was delivered by local people by cutting the chain on the gate. This is to save putting it in boxes or crates and leaving on beach so it looks like sealift. The back wall of the cell is starting to erode away and if this repair is not done or if the water level during spring freshet is not lowered the land farm back corner will wash out and with all the water contained will escape. Due to water around outside of land farm the fence is also in need of repair.

Causing a problem is the new road built after land farm construction to gain access to a new dump and this cut off the drainage of water. This left the area around the land farm wetter than when it was first built this has resulted in erosion happening at one corner.

PPD is a division of CGS and the land farm was built to contain soil removed when tank farm was rebuilt.

I need direction to get this land farm compliant so we can fix the damage and start to manage the soil contained within.

I understand it is necessary to renew the license but wonder if it is easier to start over with a new license.

Can you advise me so it is possible to get this resolved prior to spring thaw?

Thank you

JIM

Hutchinson, Nathaniel <NHutchinson@gov.nu.ca>

Oct 22,
2020, 9:52 R
AMep
ly

to richard.dwyer@nwb-oen.ca, Ayoleke, me

Hi Richard,

Jim Wilson with Nunatta will be handling the renewal or reissuance of the water license for the land farm in Rankin Inlet. There will be a name change from CGS to PPD as custody of the land farm changed in 2016. He asked that I send this confirmation.

Please let me know if you require more information.

Thanks,

Nathaniel Hutchinson

Director, Petroleum Products Division

T: 867-645-8411 C: 867-645-6571 F: 867-645-3554

PO Box 590, Rankin Inlet, NU X0C 0G0

----- Forwarded message -----

From: **Richard Dwyer** <richard.dwyer@nwb-oen.ca>

knK5 wmoEp5 vtmpq
NUNAVUT IMALIRIYIN KATIMAYIT
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT



P.O. BOX 119

kNK5 wmoEp5 vtmp5

GJOA HAVEN, NU X0B 1J0

NUNAVUT WATER BOARD

TEL: (867) 360-6338

NUNAVUT IMALIRIYIN KATIMAYIT

FAX: (867) 360-6369

OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE RENEWAL

Your application may be classified as a **renewal** only if all operations remain the same as previously licensed and only the term of the licence requires change. If your application contemplates:

- a change to the volume of water authorized for use;
- a new activity related to water use or waste disposal;
- a new component related to water use or waste disposal;
- a change in predicted environmental impacts(s); and/or
- a change to any term or condition of the original licence

your application is **NOT** classified as a renewal but rather an amendment and will require submission of an Application for Water Licence Amendment. Licensees applying for combined renewal / amendment are also referred to the Application for Water Licence Amendment.

The applicant is referred to the NWB's Guide 7: Licensee Requirements Following the Issuance of a Water Licence for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: 1BR-RAN0914

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **A renewal will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: Brian Duquay

Address: Community & Government Services Box 480 Oorilik BK
Rankin Inlet X0C 0G0

Phone: _____

Fax: _____

e-mail: _____

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

Name: James Wilson (Nunatta Environmental)
Address: P.O. Box 267
1575 Federal rd, Igloodit. NU X0A-0H0
Phone: 867-979-1488
Fax: _____
e-mail: jim@nunatta.ca

(Attach authorization letter.)

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: Rankin Inlet landfarm

4. LOCATION OF UNDERTAKING

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

☒ Yes ☐ No

Project Extents

NW:	Latitude: (° ' " N)	Longitude: (° ' " W)
NE:	Latitude: (° ' " N)	Longitude: (° ' " W)
SE:	Latitude: <u>62° 49' 49" N</u>	Longitude: <u>92° 10' 28" W</u>
SW:	Latitude: (° ' " N)	Longitude: (° ' " W)

Camp Location(s)

Latitude: (° ' " N) Longitude: (° ' " 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.: _____ Map Name: _____ Map Scale: _____

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 Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: _____ Date of expiry: _____

☐ 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:

Change from CGS to P.P.D (petroleum products division
of Government of Nunavut

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
☐ 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. _____

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.

To contain and treat hydrocarbon impacted soil.

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.

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 checked="" type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| <input 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 type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| <input type="checkbox"/> To cross a watercourse | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To alter the flow of, or store water | |
| <input type="checkbox"/> Other: _____ | |

no water will be drawn. Only use of water is to discharge from inside containment cell to avoid overflow during spring freshet or if season is rainy and water level needs to be lowered prior to freeze up

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): _____
(show location(s) on map)

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): _____

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: _____ m³/day

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: _____

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.): _____

Are the method(s) of extraction the same as those considered in the existing licence?

☐ Yes

☐ No

Describe the method(s) of extraction: _____

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): _____ m³/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): _____

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.

- | | |
|--|---|
| <input type="checkbox"/> Sewage | <input type="checkbox"/> Waste oil |
| <input type="checkbox"/> Solid Waste | <input type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input checked="" type="checkbox"/> Contaminated soil and/or water (possible) |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): <u>Clean rocks and Soil</u> | |

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
hydrocarbon impacted soil	soil + fuel	unknown	remediation using geotex	return to environment

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: _____

Administering Agency: _____

Project Activity: _____

Date (expected date) of issuance: _____ Date of expiry: _____

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.

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.

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

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).

- 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.

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.

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.

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.

PPD staff, Rankin Inlet to replace CGS of Rankin Inlet

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.

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.

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?

☒ 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: complete
(month/year)

Proposed Completion Date: _____
(month/year)

Operation

Proposed Start Date: under way
(month/year)

Proposed Completion Date: _____
(month/year)

Closure

Proposed Start Date: NOT determined
(month/year)

Proposed Completion Date: _____
(month/year)

Post - Closure

Proposed Start Date: _____
(month/year)

Proposed Completion Date: _____
(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? November 2014

Indicate the proposed term of the renewal (maximum of 25 years): 10 years

Requested date of renewal issuance: 2021 (month/year) Requested Expiry Date: November 2031 (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.

My name is James Wilson, I am with Nunatta Environmental Services, Igloolik. I have been asked to assist PPD to get this Landfarm licence renewed so it is possible to repair and operate the landfarm located in Rankin Inlet. The community has been ripping the gates off and dumping soil inside for years. Nunatta was asked to clean up and make usable the facility. We removed animal hides garbage and put soil up above water level so it is ~~anaerobic~~ aerobic and will remediate with turning and addition of fertilizers. In order to fix up a badly eroded wall it is necessary to remove water but unable to obtain permission to do so. I found out licence requirements were never met (annual reporting) and it expired in 2014

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 ☒ No If no, date expected no change

Updated security assessment (see Block 21).

☐ Yes ☒ No If no, date expected still gov of Nunavut

Updated financial statement (see Block 22).

☐ Yes ☐ No If no, date expected G.N.

Compliance Assessment / Status Report (see Block 23).

☐ Yes ☐ No If no, date expected _____

English Summary of Renewal Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Renewal Application.

☐ Yes ☐ 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 ☐ No If no, date expected _____

28. SIGNATURE

I, James H. Wilson (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.

James H. Wilson
Signature

JAN 27 2021
Date