Application for Water Licence Renewal

Document Date: May 2011

Application Submission Date: Dec./20/2012

Month/Day/Year

P.O. BOX 119
GJOA HAVEN, NUNAVUT
XOB 1J0
TEL: (867)360-6338
FAX: (867)360-6369

kNK5 wmoEp5 vtmpq
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)		
(4)		
(5)		
(6)		
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(9)		
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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.

EXISTING LICENCE NO: 1BR- KRK1112

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: SHAH ALAM, REGIONAL MUNICIPAL ENGINEER
DEPARTMENT OF COMMUNITY & GOVERNMENT SERVICES, GOVERNMENT OF NUNAVUT
Address: HELEN MAGSAGAK BUILDING
CAMBRIDGE BAY, NU X0B 0C0

Phone: (867) 983-4156
Fax: (867) 983-4124
e-mail: salam@gov.nu.ca

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

Name: MICHEL GRÉGOIRE, PROJECT MANAGER
TETRA TECH WEI INC.

Address: 400 - 161 PORTAGE AVE EAST
WINNIPEG MB R3B 0Y4

Phone: (204) 954-6854
Fax: (204) 988-0546
e-mail: michel.gregoire@tetratech.com

(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: KUGAARUK LANDFARM FACILITY, KUGAARUK, NU

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: (68°31'10" N)	Longitude: (89°48'22" W)
NE:	Latitude: (68°31'12" N)	Longitude: (89°48'9" W)
SE:	Latitude: (68°31'10" N)	Longitude: (89°48'7" W)
SW:	Latitude: (68°31'7" N)	Longitude: (89°48'23" W)

Camp Location(s) HAMLET OF KUGAARUK, NU

Latitude: (68°32'4" N) Longitude: (89°49'29" 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.
SEE ATTACHEMENT "KUGAARUK LANDFARM FACILITY - 2011 ANNUAL REPORT" APPENDIX C, FIGURE 1

NTS Map Sheet No.: 057A10 Map Name: TOPOGRAPHIC AREA MAP Map Scale: 1:10,000

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 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 WITHIN MUNICIPAL BOUNDARY
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: NOT APPLICABLE.

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
☐ Akunniq
☐ 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.
NOT APPLICABLE.

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. MAY 10, 2010. AVAILABLE @ NWB.

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.
NOT APPLICABLE.

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.

CONTINUE LANDFARM OPERATIONS TO TREAT PETROLEUM HYDROCARBON IMPACTED SOIL.
SEE ATTACHED REPORTS & LIST OF HISTORIC SUBMISSIONS IN SUMMARY LETTER.

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.

NOT APPLICABLE.

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.

☐ Industrial
☐ Agricultural
☐ Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges)
☐ Recreational
☐ Power
☒ Miscellaneous (describe below):

TREATMENT OF PETROLEUM HYDROCARBON IMPACTED SOIL.

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.

☐ To obtain water for camp/ municipal purposes
☐ To obtain water for industrial purposes
☐ To divert a watercourse
☐ To cross a watercourse
☐ To modify the bed or bank of a watercourse
☐ To alter the flow of, or store water
☐ Flood control
☒ Other: DISCHARGE LANDFARM WATER RETENTION CELL TO GROUND SURFACE (VIA SPRAYPAD).

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): NONE REQUIRED.
(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): NOT APPLICABLE.

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: _____ m^3/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: NOT APPLICABLE.

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.): NOT APPLICABLE.

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

Describe the method(s) of extraction: NOT APPLICABLE.

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): _____ m^3/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): NOT APPLICABLE.

–

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): PRECIPITATION & MELT WATER WHICH HAS COME IN CONTACT WITH PETROLEUM HYDROCARBON IMPACTED SOIL.

☐ 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
- PRECIPITATION & MELTWATER RUNOFF.	- TO BE VERIFIED BY LABORATORY ANALYSIS PRIOR TO DISCHARGE.	- APPROXIMATELY 1200 m^3/YEAR.	- NONE REQUIRED TO DATE.	- DISCHARGED TO GROUND SURFACE VIA SPLASH PAD; PUMPING IS METERED.
- PETROLEUM HYDROCARBON IMPACTED SOIL.	- COARSE GRAINED.	- ORIGINAL QUANTITY WAS APPROXIMATELY 2200 m^3	- BIODEGRADATION.	- NONE TO DATE; - TREATMENT CONTINUING.

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: NOT APPLICABLE.

Administering Agency: NOT APPLICABLE.

Project Activity: NOT APPLICABLE.

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. NONE ARE EXPECTED.

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. NONE EXIST TO DATE.

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). NONE EXIST TO DATE.

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.

NONE WERE CONDUCTED.

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. NOT APPLICABLE.

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. NOT APPLICABLE.

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. NOT APPLICABLE.

If the applicant is a business entity please answer the questions below: NOT A BUSINESS ENTITY.

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.

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. – SEE LIST OF HISTORIC SUBMISSIONS IN SUMMARY LETTER.

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: ——— (month/year) Proposed Completion Date: ——— (month/year)

Operation
Proposed Start Date: JANUARY/2011 (month/year) Proposed Completion Date: SEPTEMBER/2015 (month/year)

Closure
Proposed Start Date: SEPTEMBER/2015 (month/year) Proposed Completion Date: SEPTEMBER/2015 (month/year)

Post - Closure
Proposed Start Date: JUNE/2016 (month/year) Proposed Completion Date: SEPTEMBER/2017 (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? 31 - DECEMBER - 2012

Indicate the proposed term of the renewal (maximum of 25 years): 5 YEARS (3 FOR OP.; CLOSURE + 2 FOR POST-CLOSURE)

Requested date of renewal issuance: MARCH /2013 (month/year) Requested Expiry Date: DECEMBER /2017 (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.

DETAILS PERTAINING TO WATER LICENSE REPORTING REQUIREMENTS LISTED IN PART B, ITEMS 1a TO 1m.

SEE ATTACHMENT "KUGAARUK LANDFARM FACILITY - 2011 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 ☐ No If no, date expected _____

Updated security assessment (see Block 21).

☐ Yes ☒ No If no, date expected NOT APPLICABLE.

Updated financial statement (see Block 22).

☐ Yes ☒ No If no, date expected NOT APPLICABLE.

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 NOT APPLICABLE.

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 NOT APPLICABLE.

28. SIGNATURE

I, _____ (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