



General Water Licence Application
(Application for a new Water Licence)

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NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

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DOCUMENT AMENDMENTS

	Description	Date
(1)	Updated for public distribution as separate document from NWB Guide 4	June 2010
(2)	Updated NWB logos and reformatted table to allow rows to break across page	May 2011
(3)	Update NWB logo	April 2013
(4)		
(5)		
(6)		
(7)		
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NUNAVUT WATER BOARD

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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: *Guide to Completing and Submitting a Water Licence Application for a New Licence* for more information about this application form.

LICENCE NO: (for NWB use only)													
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address) Inukshuk Construction, PO Box 654, Rankin Inlet Nunavut, X0G 0G0 Phone: (902) 429-0272 Fax: (902) 429-7762 e-mail: marc@mosher.ca	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) Phone: _____ Fax: _____ e-mail: _____ (Attach authorization letter.)												
3. NAME OF PROJECT (including the name of the project location) Petroleum System Upgrades, Coral Harbour, Nunavut													
4. LOCATION OF UNDERTAKING Project Extents <table border="0"> <tr> <td>NW</td> <td>64°07'58.64"N</td> <td>83°10'14.83"W</td> </tr> <tr> <td>NE</td> <td>64°07'59.92"N</td> <td>83°10'10.67"W</td> </tr> <tr> <td>SE</td> <td>64°07'58.78"N</td> <td>83°10'08.64"W</td> </tr> <tr> <td>SW</td> <td>64°07'57.47"N</td> <td>83°10'12.57"W</td> </tr> </table> Camp Location(s) Latitude: (° ' " N) Longitude: (° ' " W)		NW	64°07'58.64"N	83°10'14.83"W	NE	64°07'59.92"N	83°10'10.67"W	SE	64°07'58.78"N	83°10'08.64"W	SW	64°07'57.47"N	83°10'12.57"W
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SW	64°07'57.47"N	83°10'12.57"W											
5. MAP - Attach a topographical map, indicating the main components of the undertaking. See appendix A – Arial Photo and Drawings NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _____													

6. NATURE OF INTEREST IN THE LAND - 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: Gn owns the tank farm. Tank farm is on Commissioner's Land and is on the Government Exempt List.

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

Name of entity(s) holding authorizations: _____

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

☐ North Baffin

☒ Keewatin

☐ South Baffin

☐ Sanikiluaq

☐ Akunnig

☐ West Kitikmeot

Is a land use plan conformity determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach 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

Is an Article 12 Part 4 screening determination required?

☒ Yes

☐ No

If Yes, indicate date issued and attach copy _____

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal. Provide a brief description of the undertaking including a description of any equipment that will be used in using water or depositing waste.

See Appendix B (English) and C (Inuktitut)

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

11. CLASSIFICATION OF PRIMARY UNDERTAKING - 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):

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

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

☒ Hydrostatic Testing Reference I1

☐ Tannery

☐ Tourist / Remote Camp

☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil

		☐ Onshore Oil and Gas Exploration Drilling ☐ Mineral Exploration / Remote Camp ☐ Advanced Exploration ☐ Mine Development ☐ Municipal ☐ General Water Works ☐ Power
12.	WATER USE	- 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 cross a watercourse ☐ To alter the flow of, or store water ☐ Other: _____ ☐ To divert a watercourse ☐ To modify the bed or bank of a watercourse ☐ Flood control
13.	QUANTITY AND QUALITY OF WATER INVOLVED	- For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source. Name of water source(s) (show location(s) on map): <u>See attached appendix A.</u> Describe the quality of the water source(s) and the available capacity: _____ Quality and available capacity is not available. Provide the overall estimated quantity of water to be used: <u>300</u> m³/day Provide the estimated quantity(s) of water to be used from each source: <u>1900cum</u> Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.) <u>None</u> Describe the method of extraction(s): <u>Water Pump will be used.</u> Estimated quantity(s) of water returned to source(s) <u>300</u> m³/day Describe the quality of water(s) returned to source(s): <u>The water will be pump into a newly made steel storage tank for testing. Therefore the quality of the water will not change much</u>
14.	WASTE	- 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	- 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
Water		1900cum	Water disch. Through Solid Particle Collector as shown Appendix D	Hose from tank to solid particle collector

16. OTHER AUTHORIZATIONS – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking. 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 - Describe direct, indirect, and cumulative impacts related to water and waste.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

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

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	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. <u>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.</u> 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 <i>Mine Site Reclamation Policy for Nunavut</i>, Indian and Northern Affairs Canada, 2002.																
22. FINANCIAL INFORMATION	Provide a statement of financial responsibility. If the applicant is a business entity, provide a list of the officers of the company. If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.																
23. STUDIES UNDERTAKEN TO DATE	- List and attach copies of studies, reports, research, etc.																
24. PROPOSED TIME SCHEDULE	– Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). <table style="width: 100%; border: none;"> <tr> <td colspan="2"><u>Construction</u></td> </tr> <tr> <td style="width: 50%;">Proposed Start Date: <u>06/2014</u> (month/year)</td> <td style="width: 50%;">Proposed Completion Date: <u>11/2014</u> (month/year)</td> </tr> <tr> <td colspan="2"><u>Operation</u></td> </tr> <tr> <td>Proposed Start Date: _____ (month/year)</td> <td>Proposed Completion Date: _____ (month/year)</td> </tr> <tr> <td colspan="2"><u>Closure</u></td> </tr> <tr> <td>Proposed Start Date: _____ (month/year)</td> <td>Proposed Completion Date: _____ (month/year)</td> </tr> <tr> <td colspan="2"><u>Post - Closure</u></td> </tr> <tr> <td>Proposed Start Date: _____ (month/year)</td> <td>Proposed Completion Date: _____ (month/year)</td> </tr> </table>	<u>Construction</u>		Proposed Start Date: <u>06/2014</u> (month/year)	Proposed Completion Date: <u>11/2014</u> (month/year)	<u>Operation</u>		Proposed Start Date: _____ (month/year)	Proposed Completion Date: _____ (month/year)	<u>Closure</u>		Proposed Start Date: _____ (month/year)	Proposed Completion Date: _____ (month/year)	<u>Post - Closure</u>		Proposed Start Date: _____ (month/year)	Proposed Completion Date: _____ (month/year)
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Construction

Operation

Closure

Post - Closure

27. CHECKLIST – The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

☐ Yes x No If no, date expected __n/a_____

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

☐ Yes x No If no, date expected __n/a_____

Completed General Water Licence Application form.

x Yes ☐ No If no, date expected __n/a_____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

x Yes ☐ No If no, date expected _____

English Summary of Application.

x Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

x Yes ☐ No If no, date expected _____

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

x 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			
Marc Losier	Project Manager		Feb 3, 14
Name (Print)	Title (Print)	Signature	Date