

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

Document Date: May 2011

Application Submission Date:	
	Month/Day/Year

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DOCUMENT MANAGEMENT

Original Document Date: April 2010

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)		
(4)		
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GENERAL WATER LICENCE APPLICATION (APPLICATION FOR NEW WATER LICENCE)

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

LICENCE NO:					
(for NWB use only)					
1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address)	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)				
Steven Siciliano					
5E26 - 51 Campus Drive Saskatoon,					
Saskatchewan, Canada S7N 5A8					
Phone:(306) 966-4035 Fax:(306) 966-6881 e-mail: steven.siciliano@usask.ca	Phone:				
3. NAME OF PROJECT (including the name of the	ne project location)				
The fate and toxicity of Arctic soil pollutar	nts: how humans poison Arctic soils and				
how Arctic soils poison humans.					
Location: Alexandra Fiord, Ellesmere Islan	nd, NT				
4. LOCATION OF UNDERTAKING					
Project Extents					
NW: Latitude: (78 °51 '33 " N) Longitude: (75 °54	'15 " W)				
NE: Latitude: (78 °51 '33 " N) Longitude: (75 °55					
SE: Latitude: (78 °50 '0 " N) Longitude: (75° 55					
SW: Latitude: (78 50° 0 " N) Longitude: (75 °54	(15 ° W)				
Camp Location(s)					
Latitude: (78 °51 '33 " N) Longitude: (75 °54 '15 " W)					
MAP - Attach a topographical map, indicating the main components of the undertaking.					
NTS Map Sheet No.: _39E					

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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:				
		nd Northern Affairs Canada (INAC) ce: Date of expiry:			
	Surface				
		on from Indian and Northern Affairs Canada (INAC) ce: Date of expiry:			
	☐ Inuit Owned Land (IOL) Auth Date (expected date) of issuand	orization from Kitikmeot Inuit Association (KIA) ce: Date of expiry:			
	☐ IOL Authorization from Kivall Date (expected date) of issuance	liq Inuit Association (KivIA) ce: Date of expiry:			
	x IOL Authorization from Qikiqta Date (expected date) of issuand				
	Commissioner's Land Use A Date (expected date) of issuand	uthorization ce: Date of expiry:			
	Other:	ce: Date of expiry:			
	Date (expected date) of issuand	ce: Date of expiry:			
	of entity(s) holding authorizations n Siciliano	:			
7.	NUNAVUT PLANNING COMM	ISSION (NPC) DETERMINATION			
	Indicate the land use planning a	area in which the project is located.			
	x North Baffin ☐ South Baffin ☐ Akunniq	☐ Keewatin☐ Sanikiluaq☐ West Kitikmeot			
	Is a land use plan conformity de	etermination required?			
	x 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 x 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.				
10.	OPTIONS – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. This location was chosen based upon previous use of the site and determination from on-site experience that impact could be minimized by locating the temporary camp at this site.				
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)☐ Power☐ Recreationalx 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 ☐ 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. 13.	WATER USE - Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.				
10.	x To obtain water for camp/ municipal purposes To obtain water for industrial purposes To cross a watercourse To modify the bed or bank of a watercourse				

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	☐ To alter the flow of, or store water x Other: Water for the 3 person temporary camp will be transported from the RCMP base camp at Alexandra Fiord. Water will be for personal use (i.e. cooking, drinking, cleaning). Greywater and sewage disposed of at temporary camp site.					
14.	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.					
		r source(s) (show loca e from existing water	ition(s) on map): system at Alexandra I	Fiord RCMP base car	np.	
	Water from sy	stem at RCMP base of	urce(s) and the availab camp is safe for humar temporary Dome cam	n consumption (potab	le) and	
	Provide the ov	erall estimated quanti	ty of water to be used:	: 0.35 m³/day		
			water to be used from er system at RCMP ba			
			be used for each purporox. 35 days = 350 L		cc.)	
): Taken from tap asso	ociated with water sys	tem at RCMP	
		ise camp ntity(s) of water returr	ned to source(s) 0 m ³ /c	day		
		uality of water(s) retunperary Dome camp	rned to source(s): Gre site.	ywater and sewage w	vill be placed in a	
15.	WASTE – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.					
	X Sewage					
16. 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.						
	ype of Vaste	Composition	Quantity Generated	Treatment Method	Disposal Method	
Sewa		Solid and liquid human waste	20 L		Buried in a hole	
Grey	Greywater Water from cooking/cleani ng Buried in a hole					

17.	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	y:				
		d date) of issuance: _				
18.	MITIGATION and waste. Given that we water used at impacts will be camp will be	ENVIRONMENTAL II MEASURES - Descri e are acquiring water f the 3 person tempora e minimal. Disposal of direct impacts. We will a camp closure.	ibe direct, indirect, and from the water system ary camp is for person of greywater and huma	d cumulative impacts at the RCMP base ca all use only we expect an waste in a hole at t	related to water amp and that t the direct he temporary	
19.	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.					
		ard if compensation hany existing or other u		agreement(s) for com	npensation have been	
20.	INUIT WATE	R RIGHTS				
	Inuit Owned L	and (IOL), and advise ation for any loss or	the Board if negotiat	tions have commence	vaters flowing through ed or an agreement to nore Designated Inuit	
21.		ΓΙΟΝ – Provide a sum nere and with whom.				
22.	SECURITY II	NFORMATION				
	Provide an es	timate of the total fina	ancial security for fina	l 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 <i>Mine Site Reclamation Policy for Nunavut</i> , Indian and Northern Affairs Canada, 2002.
23.	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.
24.	STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.
25.	PROPOSED TIME SCHEDULE – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).
	Construction
	Proposed Start Date: Proposed Completion Date:
	Operation
	Proposed Start Date:07/12 Proposed Completion Date:08/12 (month/year)
	Closure
	Proposed Start Date:08/12 Proposed Completion Date: 08/12 (month/year) (month/year)
	Post - Closure
	Proposed Start Date: 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
	<u>Operation</u> ☐ Winter ☐ Spring x Summer ☐ Fall ☐ All season

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<u>Closure</u> ☐ Winter ☐ Spring x Summer ☐ Fall ☐ All season
Post - Closure ☐ Winter ☐ Spring ☐ Summer ☐ Fall ☐ All season
26. PROPOSED TERM OF LICENCE
Number of years (maximum of 25 years):1 years
Requested Date of Issuance:07/12_ Requested Expiry Date:09/12 (month/year) (month/year)
(The requested date of issuance must be <u>at least</u> three (3) months from the date of application for a type B water licence and <u>at least</u> 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 prelicensing 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 <i>Guide 5: Processing Water Licence Applications</i> for more information)
27. ANNUAL REPORTING – If not using the NWB's <u>Standardized Form for Annual Reporting</u> , provide details regarding the content of annual reports and a proposed outline or template of the annual report.

28.	CHECKLIST – The fo begin.	llowing must be inc	cluded with th	e application for the water l	licensing process to
	Written confirmation for conformity have been		ming that NP	C's requirements regarding	ı land use plan
	Yes	X□ No	If no, dat	e expectedJune 1, 201	3
	Written confirmation frimpact assessment ha			RB's requirements regardin	ng development
	x Yes	□No	If no, date	expected	
	Completed General W	/ater Licence Appli	cation form.		
	x Yes	□No	If no, date e	expected	
	Information addressin	g Supplemental Inf	ormation Gui	deline (SIG) , where applica	able (see Block 11)
	Yes	□No	If no, date	expected	
	English Summary of A	Application.			
	x Yes	□No	If no, date	expected	
	Inuktitut and/or Inuinn	aqtun Summary of	Application.		
	x Yes	□No	If no, date	expected	
	Application Fee of \$30	0.00 CDN (Payee F	Receiver Gen	eral for Canada).	
	Yes	□No	If no, date	expected	
		lated by the NWB	based upor	eiver General for Canada). In the amount of water autloce of the licence.	
	☐ Yes	☐ No	If no, date	expected	
29.	SIGNATURE				
				,	
Steve	n Siciliano	Professo	r ,	Drisa	_
	Name (Print)	Title (Prin		Signature	Marc h 9 2013

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