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NUNAVUT WATER BOARD
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NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

Draft

Recreational Supplemental Information Guideline (SIG) for Tourist / Remote Camp (R1)

Date of Issuance: February 2010

TABLE OF CONTENTS

1.0 INTRODUCTION

2.0 MINIMUM APPLICATION REQUIREMENTS (Application Checklist)

3.0 GENERAL WATER LICENCE APPLICATION

4.0 PROJECT DESCRIPTION

5.0 BASELINE INFORMATION

6.0 WATER USE

7.0 WASTE DISPOSAL

8.0 MONITORING

APPENDIX A: ADDITIONAL SOURCE DOCUMENTS

APPENDIX A: COMMONLY USED ACRONYMS

1.0 Introduction

This Supplemental Information Guideline (SIG) is for applicants seeking a water

Supplemental information is required as part of the water licence application in accordance with section 48(2) of the Nunavut Waters Nunavut Surface Rights Tribunal Act (NWNSRTA or Act) which states:

“An application, except in relation to a cancellation, shall be accompanied by the information and studies concerning the use of waters or the deposit of waste that are required for the Board to evaluate the qualitative and quantitative effects of the use or the deposit on waters.”

Also, in accordance with section 48(3) of the Act, on the filing of an application, the Board may provide guidelines to the applicant respecting the information to be provided by the applicant in respect of any matter that the Board considers relevant, including the following:

- a) the description of the use of waters, deposit of waste or appurtenant undertaking, as the case may be;
- b) the qualitative and quantitative effects of the use of waters or the deposit of waste on the drainage basin where the use is to be undertaken or the deposit is to be made, and the anticipated impact of the use or deposit on other users;
- c) the measures the applicant proposes to take to avoid or mitigate any adverse impact of the use of waters or the deposit of waste;
- d) the measures the applicant proposes to take to compensate persons, including the designated Inuit organization, who are adversely affected by the use of waters or the deposit of waste;
- e) the program the applicant proposes to undertake to monitor the impact of the use of waters or the deposit of waste;
- f) The interests in and rights to lands and waters that the applicant has obtained or seeks to obtain; and
- g) the options available for the use of waters or the deposit of waste.

To provide further guidance for these requirements, as well as the requirements of section 6(2) of the Regulations which outlines more specific information requirements for proposed undertakings, the NWB has developed Supplemental Information Guidelines (SIGs or Guidelines).

The SIGs are designed in spreadsheet format to facilitate the development of a concordance table that cross references the requirements of the SIG with the documents that make up the water licence application. The tables in the following eight (8) worksheets include columns for the applicant to enter information regarding the applicability of the requirement to the proposed undertaking; the title, author, and date of the document where information to address the requirement can be found; the electronic file name of the document; as well as the section of the document where the information can be found. Specific information about the proposed undertaking should not be inserted into these spreadsheets.

The applicant must complete the yellow sections of the SIG and submit the completed SIG along with the documents that address the requirements of the SIG to the NWB.

Further to this SIG, the applicant is referred to the NWB's *Guide 4 - Completing and Submitting a Water Licence Application for a New Licence*. This Guide provides more details regarding completion of the NWB's minimum information requirements, information required to complete plans including designs and reports, executive summaries and translations, as well as how, when and who to contact when submitting a water licence application.

Following submission of a water licence application, the NWB will determine whether the application is complete. If the NWB determines that an application is materially incomplete, meaning that items included in Section 2: Minimum Application Requirements are missing, the applicant will be informed by the NWB that their application has been rejected. In other cases, NWB staff will correspond with the applicant to resolve deficiencies before proceeding.

The NWB cannot issue, amend, or renew a licence where there is an applicable, approved land use plan until the NPC's requirements under the NLCA have been addressed regarding land use planning (Article 11). In addition, the NWB cannot issue, amend, or renew a licence where the appurtenant undertaking requires screening by NIRB in accordance with Part 4 of Article 12 of the NLCA until NIRB has completed its screening. Furthermore, notwithstanding sections 13.5.5 or 12.10.2 of the NLCA, where the appurtenant undertaking requires a review under Part 5 or Part 6 of Article 12 of the NLCA, the Board may not issue, amend, or renew a licence until NIRB has issued a project certificate. For this reason, the applicant must provide the NWB with written confirmation that both NPC's and NIRB's requirements under the NLCA have been addressed.

Following completion of development impact assessment in accordance with Article 12 of the NLCA, the NWB may issue additional Project Specific Information Requirements (PSIR) to the applicant.

The applicant is referred to Appendix A of these Guidelines for a list of additional documents, guidelines, legislation and standards that may be of use to the applicant in preparing the information to address this SIG.

Submission of the information required by this SIG does not relieve the applicant from confirming and following up on other information requirements which may be required during the regulatory process.

2.0 Minimum Application Requirements (Application Checklist)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	NWB Concordance Assessment
Minimum Application Requirements	1	General Water Licence Application Form (see the NWB's <i>Guide 4: Completing and Submitting a Water Licence Application for a New Licence</i>) or Application for Water Licence Amendment Form, if appropriate (see NWB's <i>Guide 7: Licensee Requirements Following the Issuance of a Water Licence</i>).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	N/A	
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings	
	3	Executive summary in english.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 3 - PIN-D Ross Point Executive Summary (English).pdf	Appendix 3 - PIN-D Ross Point Executive Summary (English, Inuinnaqtun, Inuktitut)	
	4	Translated executive summary in appropriate language and dialect.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 3 - PIN-D Ross Point Executive Summary (Inuinnaqtun).pdf Appendix 3 - PIN-D Ross Point Executive Summary (Inuktitut).pdf	Appendix 3 - PIN-D Ross Point Executive Summary (English, Inuinnaqtun, Inuktitut)	
	5	Application fee.	NA	Application is from the Crown				
	6	Water use fee.	NA	Application is from the Crown				
	7	A table indicating concordance of the application and supporting documents to the Guidelines. These generic Guidelines are provided in excel as a tool for applicants to provide the necessary concordance table.	Y					

Qualifications:

- Applications that do not include all of the items listed above will be returned to the applicant as incomplete with a request for the deficient information.
- If more than one licensable activity or facility is proposed that requires a water licence (eg. multiple water sources, waste deposits, structures, crossings, etc.) the required information must be provided for each activity or facility.
- Information between all documents that make up the application package must be consistent and must be accurately cross referenced.
- The application must distinguish between recommendations or options and actual commitments to chosen alternatives.
- For additional guidance regarding the submission of electronic documentation, see the NWB's *Guide 6: Electronic Documentation: Submissions and Registry*.
- The applicant, where practical, may combine components of the information requested in the SIG into more concise plans to provide clarity and eliminate duplication. If this practice is considered, then the applicant must clearly outline, through proper referencing and clearly detailed statements, how the NWB should consider the documents that have combined elements of information. Information management is the responsibility of the applicant.
- The applicant must submit a concise executive summary of the application package. In addition, the Applicant shall submit an executive summary for each separate supporting document, report or study. All executive summaries shall be provided in English, Inuktitut and/or Inuinnaqtun (where applicable).

The applicant must complete the yellow columns of the worksheet(s). Blue columns are for NWB use only.

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Applicant	1	Provide the full name of the applicant and contact person including contact information (position, phone number, address, fax number and email address).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 1		
Applicant Representative	2	Provide the name and contact information of any party submitting the application on behalf of the applicant (including position, phone number, address, fax number and email address).	NA	Applicant is submitting					
	3	Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	NA	Applicant is submitting					
Name of Project	4	Provide the name of the project.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 3		
Location of Undertaking	5	Provide coordinates of the project extents.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 4		
	a	Provide location by Latitude and Longitude (degrees, minutes and seconds).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 4		
	b	Provide location by UTM coordinates, if available.	NA						
	c	Provide the distances to the nearest communities.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 3 - PIN-D Ross Point Executive Summary (English).pdf	Appendix 3 - PIN-D Ross Point Executive Summary (English, Inuinnaqtun, Inuktitut)		
	6	Indicate whether the drainage basin, in which the project is located, is shared with any other jurisdiction. If applicable, indicate which jurisdiction.	NA	Not shared					
Map	7	Provide a map at a 1:50,000 scale based on the National Topographic Series indicating the location of the undertaking, watercourses and the location of waste deposits. Additional maps at various scales may be provided if those maps will provide additional information or clarification. All additional maps must indicate the scale, map sheet number, and location of north.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 5 - Site Maps & Drawings		
Nature of Interest in the Land	8	Provide the nature of the interest in the land associated with the proposed undertaking, including:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 6		
	a	Sub-surface leases from Nunavut Tunngavik Incorporated (NTI) and/or Indian and Northern Affairs Canada (INAC) as well as surface authorizations from INAC for crown land use, a Designated Inuit Organization (DIO) for Inuit Owned Land (IOL) use, or the Government of Nunavut for Commissioner's land use. Provide the permit or licence numbers.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 6		
	b	The date or expected date of issuance of any authorization and the date of expiry.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 6		

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	9	Indicate whether the applicant is the name of the entity holding the authorization for the interest in the land and if not, provide the name of the entity holding the authorization.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 1		
NPC Determination	10	Provide written confirmation from the NPC confirming that NPC's requirements under the NLCA regarding land use plan conformity (Article 11 of the NLCA) have been addressed.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 10 - PIN-D Confirmation from NPC No Conformity Check Required.pdf	Appendix 10 - Supplementary Information & Confirmation from Nunavut Planning Commission That a Conformity Check is Not Required		
NIRB Determination	11	Provide written confirmation from the NIRB confirming that NIRB's requirements under the NLCA regarding development impact assessment (Article 12 of the NLCA) have been or are in the process of being addressed. Documentation may include:	NA	NIRB submitted concurrently				May-11	
	a	Written confirmation from NIRB that the project proposal does not require screening;	NA	NIRB submitted concurrently				May-11	
	b	NIRB's screening determination;	NA	NIRB submitted concurrently				May-11	
	c	If a review is required, NIRB's recommendation to the Minister regarding the type of review;	NA	NIRB submitted concurrently				May-11	
	d	If a review is required, the Minister's written decision regarding the review of the development proposal;	NA	NIRB submitted concurrently				May-11	
	e	If a review is required, NIRB's project certificate;	NA	NIRB submitted concurrently				May-11	
	12	List of activities requested for exception in accordance with NLCA s. 12.10.2;	NA	NIRB submitted concurrently				May-11	
	13	Indicate whether any Type B water licence application is for an activity to be considered for interim, short term approval in accordance with NLCA s. 13.5.5.	NA	NIRB submitted concurrently				May-11	
Description of Undertaking	14	See section 4 of this SIG for specific requirements.							
Other Applicable Supplemental Information Guidelines	15	Indicate whether any other Supplemental Information Guidelines apply to the undertaking including the following:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 11		
	a	Hydrostatic testing	NA						
	b	Tannery	NA						
	c	Tourist / remote camp							
	d	Landfarm and on-site storage of hydrocarbon contaminated soil	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	3. PIN-D Nunavut Water Board Landfarm SIG.pdf			
	e	Onshore oil and gas exploration drilling	NA						
	f	Mineral exploration/ remote camp	NA						
	g	Advanced exploration	NA						
	h	Mine development	NA						
	i	Municipal	NA						
	j	General Water Works	NA						
	k	Power	NA						
Options (Alternatives)	16	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	NA						
Water Use	17	See section 6 of this SIG for specific requirements							

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Water Use: Quality and Quantity	18	See section 6 of this SIG for specific requirements							
Waste Disposal	19	See section 7 of this SIG for specific requirements							
Waste Disposal: Quality and Quantity	20	See section 7 of this SIG for specific requirements							
Other Authorizations	21	Provide a list of any authorizations required in relation to the project in addition to the water licence. For each additional authorization required for the project, provide the name of the authorization, the administering agency, the project activity requiring the authorization, the date or expected date of issuance and the date of expiry. Provide a description of how those authorizations may affect the NWB's water licensing process.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 6		
	22	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works if applicable.	NA						
	23	Provide a timetable for filing the appropriate plans and procedures required by government parties.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 6		
	24	Indicate whether the applicant/ licensee holds any existing water licences. If applicable, provide the licence number and expiry date of any existing water licences.	NA						
Predicted Environmental Effect and Proposed mitigation measures	25	Identify the potential effect of water use and waste disposal on the following components:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	a	Groundwater and Surface Water including:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
		changes in flow (including seasonal rate of flow)	NA						
		quantity	NA						
		quality	NA						
	b	Land including:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
		geologic structure change	NA						
		soil contamination	NA						
		compaction, settling and erosion	NA						
		alteration of the permafrost regime	NA						
		riparian zone loss	NA						
	c	Vegetation including:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
		species composition and abundance	NA						
		non-native species introduction	NA						
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)	NA						

3.0 General Water Licence Application

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	d	Aquatic Ecosystems including:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
		fish	NA						
		benthic invertebrates	NA						
		plankton	NA						
	26	See sections 5, 6, 7 and 8 of this SIG for additional information requirements							
Existing and Other User Water Rights	27	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.	NA	No users					
	28	Provide a description of any potential effects of the project on the persons or properties identified in item 27 of this section.	NA	No users					
	29	Provide a description of the measures incorporated into the project design to mitigate effects of the project on the persons or properties identified in item 27 of this section.	NA	No users					
	30	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	NA	No users					
Inuit Water Rights	31	Provide a description of any potential effects of the project on the quality, quantity, or flow of waters flowing through Inuit Owned Land (IOL).	NA						
	32	Provide a description of the measures incorporated into the project design to mitigate effects of the project on the quality, quantity, or flow of waters flowing through IOL.	NA						
	33	Indicate whether an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO); or if the parties have	NA						
Consultation	34	Provide a summary of any consultation meetings including when the meetings were held, where and with whom.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 20		
	35	Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 20		
Security	36	Provide a financial security assessment that includes the following:	NA						
	a	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;	NA						
	b	The cost of having the necessary reclamation work done by a third-party contractor if the operator defaults;	NA						
	c	Contingency factors appropriate to the particular work to be undertaken.	NA						

3.0 General Water Licence Application

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Abandonment and Restoration	37	Provide plans for the abandonment and restoration of facilities.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf	Appendix 4 - Remedial Action Plan		
	38	Provide a list and description of any existing abandoned or restored site facilities.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf	Appendix 4 - Remedial Action Plan		
Financial Information	39	Provide a statement of financial responsibility.	NA						
	40	If the applicant is an entity for which audited financial statements are issued, a copy of the most recent audited financial statements must be attached to the statement of financial responsibility.	NA						
	41	Provide the name of the corporation, limited company or other business entity, with a list of the officers of the company and a copy of the Certificate of Incorporation or evidence of registration of the company name.	NA						
Studies and Designs	42	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 9 - PIN-D Ross Point List of Additional Documents.pdf	Appendix 9 - List of Additional Documents		
Proposed Time Schedule	43	Provide the proposed start and completion dates for each phase of development (construction, operation, closure) and any anticipated periods of seasonal shut down.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 7 - PIN-D Ross Point Project Schedule.pdf	Appendix 7 - Project Schedule		
Proposed Term of Licence	44	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 25		
Annual Reporting	45	Provide detailed information regarding the content of annual reports and a proposed outline or template of the annual report. The annual report should include the following:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf	Section 26		
	a	Water related monitoring results;	NA	NWB Guide to be used					
	b	A description of how the conditions in any NIRB screening decision related to the NWB mandate have been implemented;	NA	NWB Guide to be used					
	c	Any actions taken in response to direction provided by the Inspector.	NA	NWB Guide to be used					
Renewals and Amendments	46	If the application is for a renewal or amendment of an existing licence provide the water licence number and the date of water licence expiry.	NA	Original application					

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	47	If the application is for a renewal or amendment of an existing licence, provide a compliance assessment/status report. This report must document the status of compliance for each condition of the existing water licence taking into consideration inspector dialogues and inspector directions, responses to inspector dialogues and inspector directions, spills that may have occurred, and any reporting requirements. The report must indicate when facilities were inspected by regulatory agencies and list any spills that may have occurred including a description, location shown on a	NA	Original application					

4.0 Project Description

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Description of Undertaking	1	Provide a complete description of the undertaking with detailed site plan(s) of all infrastructure. Include maps and/or aerial photos with scales that allow the determination of distances between the objects depicted. Differentiate any temporary components from permanent components. Consider the following in providing the description:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	a	Camp site;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	b	Raw water intake;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	c	Water storage and treatment facilities;	NA	To be determined by contractor				May-11	
	d	Wastewater collection, disposal, treatment, and discharge facilities;	NA	To be determined by contractor				May-11	
	e	Existing water bodies/courses and any changes to these water bodies/courses that may have or may occur as a result of water use or waste disposal facilities.	NA						
	f	Location of any receiving water bodies and drainage pathways;	NA						
	g	Solid waste disposal facilities;	NA	None					
	h	Hazardous waste disposal facilities (including waste oil);	NA	To be determined by contractor				May-11	
	i	Fuel and chemical storage facilities (including empty barrels);	NA	To be determined by contractor				May-11	
	j	Traditional water use and land use areas that may be impacted by the project;	NA	None					
	k	Transportation access routes and details of water course crossings;	NA	None					
	l	Locations of environmental monitoring sites;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	m	Abandoned and/or restored facilities;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		

4.0 Project Description

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	n	Existing on site infrastructure;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	o	Others: (describe)	NA						
Camp	2	Provide a description of the purpose of the camp. Indicate whether the camp will be used for any of the following purposes:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	a	North warning site	NA						
	b	Military training	NA						
	c	Site remediation	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	d	Mineral exploration (see the NWB's SIG for Mineral Exploration / Remote Camp (MM1))	NA						
	e	Research	NA						
	f	Tourism	NA						
	g	Other: (describe)	NA						
	3	Classify the camp as one of the following:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	a	Mobile (self propelled)	NA						
	b	Temporary	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	c	Seasonally occupied (provide months occupied)	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	d	Permanent	NA						
	e	Other: (describe)	NA						
	4	Provide the design, maximum and average populations of the camp	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	5	Provide a description of how the location of the camp was selected. Indicate whether assistance from the Regional Inuit Association Land Manager was obtained in selecting the site.	NA	To be confirmed by contractor				May-11	

5.0 Baseline Information

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Environmental Setting	1	Provide a description of the site using maps and/or aerial photos with scales that allow the determination of distances between the objects depicted.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	2	Provide a description of the site history if it has been used in the past.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 8 - PIN-D Archaeological Impact Assessment.pdf	Appendix 4 - Remedial Action Plan Appendix 8 - Archaeological Impact Assessment		
	3	Indicate whether any baseline information has or will be collected as part of this project.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	a	Physical environment	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	b	Biological environment	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	c	Socio-economic environment	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	d	Other	NA						
	4	Provide a description of the results of any consultation with Elders regarding the collection of baseline data.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	5	Provide a description of the historical uses of the waters affected by the project.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf Appendix 8 - PIN-D Archaeological Impact Assessment.pdf	Appendix 6 - Environmental Screening Appendix 8 - Archaeological Impact Assessment.pdf		
	6	Provide a description of any traditional uses of water in the project area.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf Appendix 8 - PIN-D Archaeological Impact Assessment.pdf	Appendix 6 - Environmental Screening Appendix 8 - Archaeological Impact Assessment.pdf		
Fisheries	7	If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area. The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm . Indicate whether the applicant has consulted with DFO and provide the results of any consultation.	NA						

6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Water Use	1	Provide a detailed description of all types of water uses including: (See the NWB definition of "use" in the NWB Guide 2: Terminology and Definitions). Categorize water consumption use(s) as either industrial use and/or domestic use.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	a	Obtain water for domestic purposes	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	b	Obtain water for industrial purposes	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	c	To cross a water course	NA						
	d	To alter the flow of water, or store water	NA						
	e	Flood control	NA						
	f	To divert a watercourse	NA						
	g	To modify the bed or bank of a watercourse	NA						
	h	Others:	NA						
	2	If any of the sub categories c through g of item 1 of this section apply to the project, please refer to the NWB's SIG for Water Works (M1).	NA						
Water Use: Quality and Quantity Water Intake **Identify uses as either domestic or industrial**	3	Provide the name of the primary water source as well as the name of any alternative water source(s).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	4	Provide a description of the source of water and the location of the water source as shown on a map.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	5	Indicate the type of water source(s) as lake, river, well, or other type.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	6	Provide a description of the quality of the water from the source for each season (summer, fall, winter, spring).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	7	Provide the capacity of the water source.	NA	Not calculated					
	8	Provide the acquisition rate in cubic metres per day and cubic metres per year.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	9	Provide a description of the water intake method including the intake facility, the operating capacity of the pump used, the details of any screening to exclude fish, and the distance the pump will be placed from the ordinary high water mark of the watercourse.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	10	Provide a description of the general condition of any existing water intake facility. Rate the condition of the facility as satisfactory or unsatisfactory and explain the rating.	NA	None					

6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	11	Indicate whether water is drawn from the source intermittently or continuously and if intermittently indicate during what months it is drawn and for what period it is drawn (days/weeks/months).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	12	Indicate the amount of water to be returned to the source.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	13	Provide a description of the methods to ensure water returned to source is of an acceptable quality.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	14	Provide a description of any measures to reduce water consumption.	NA	None					
Predicted Environmental Effects and Proposed mitigation measures	15	Provide a description of the effects of water usage on the source from which water will be drawn, including the potential for drawdown.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
Fisheries	16	If applicable, provide a description of any potential impacts to fish and/or fish habitat. (Indirect effects may include project effects, water quality, or aquatic organisms. Direct effects may include degradation or alteration of fish habitat). The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm .	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		

7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Waste Disposal	1	Provide a detailed description of all types of waste and all forms of waste disposal including: (see the NWB definition of Waste in the NWB <i>Guide 2: Terminology and Definitions</i>)	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	a	Sewage	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	b	Grey water	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	c	Solid waste	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	d	Bulky items/ scap metal	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	e	Hazardous waste including waste oil	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	f	Empty barrels of fuel	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	g	Other:(describe)	NA	None					
Waste Disposal: Quality and Quantity	2	For each type of waste, provide the composition and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application	2. PIN-D Nunavut Water Board (NWB) Water Licence Application	Section 15, Appendix 4 - Remedial Action Plan		

7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	3	For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	4	If an incineration system is proposed, provide a description of the system and the types of wastes that will be incinerated.	NA	To be determined by contractor				May-11	
	5	Provide a description of how non-combustible wastes will be disposed. If disposal at a municipality in Nunavut is proposed, indicate whether authorization has been granted.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	2. PIN-D Nunavut Water Board (NWB) Water Licence Application (Signed).pdf Appendix 4 - PIN-D Remedial Action Plan.pdf	Section 15, Appendix 4 - Remedial Action Plan		
	6	If sumps are proposed, provide a description of their location relative to water bodies and camp facilities, dimensions, volume, and freeboard.	NA	None					
	7	Provide a description of any measures to minimize the production of wastes.	NA	None					
Proposed Waste Facilities	8	For each proposed waste facility provide design plans. The designs shall consider the following:	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	a	Site photos, site map, or air photos of the site.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	b	Description of the existing condition of the site (see Section 5).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	c	A description of the types of waste entering the facility.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	d	Distance of the facility from watercourses and fish bearing waters.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	e	Existing and proposed drainage modifications.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		

7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	f	Details of retaining structures.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	g	Level of treatment (primary, secondary or tertiary).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	h	By products of treatment which may require further treatment, characterization, handling and disposal.	NA	None					
	i	Capacity and retention time of the facility;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	j	Identification of final discharge point (last point of control).	NA	To be determined by contractor				May-11	
	k	Method and type of discharge (seasonal, annual, continuous).	NA	To be determined by contractor				May-11	
	l	Estimated rates for discharge.	NA	To be determined by contractor				May-11	
	m	Restrictions on discharge.	NA	To be determined by contractor				May-11	
	n	Discharge effluent criteria proposed;	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		
	o	Receiving water quality objectives.	NA	None					
	p	Details regarding direction and path of wastewater flow from the area or infrastructure.	NA	None					
	q	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	r	Details of design parameters including seismic design if applicable.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	s	Start and completion dates for construction.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 7 - PIN-D Ross Point Project Schedule.pdf	Appendix 7 - Project Schedule		
	t	Construction schedule and sequence taking into account any timing restrictions.	NA	To be determined by contractor				May-11	
	u	Construction methods.	NA	To be determined by contractor				May-11	
	v	Equipment to be used.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 2 - PIN-D Ross Point NIRB Part 2 PSIR Form (English) - Signed.pdf	Appendix 2 - Nunavut Impact Review Board Part 2 Form - Project Specific Information Requirements		

7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	w	A description of the source, type, and composition of the material to be used in construction.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf Appendix 5 - PIN-D Site Maps & Drawings.pdf	Appendix 4 - Remedial Action Plan Appendix 5 - Site Maps & Drawings		
	x	Construction monitoring plans.	NA	To be determined by contractor				May-11	
	y	Construction quality assurance and quality control measures.	NA	To be determined by contractor				May-11	
	z	Operation and maintenance plans	NA	To be determined by contractor				May-11	
	aa	Contingency plans	NA	To be determined by contractor				May-11	
	bb	Abandonment and restoration plans (see items 37-38 of Section 3).	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 4 - PIN-D Remedial Action Plan.pdf	Appendix 4 - Remedial Action Plan		
	9	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's <i>Guide 4: Completing and Submitting a Water Licence Application</i> for more information regarding design drawings).	NA	To be provided at later date				May-11	
Predicted Environmental Effects and Proposed mitigation measures	10	Provide detailed treatment plans for discharges from any waste treatment facility. Waste treatment plans should include estimates of treatment efficiency for each parameter of concern.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
	11	Clearly outline proposed discharge criteria, how the criteria were developed, standards to be applied, and how these criteria will be used to prevent ecological effects in the receiving environment.	Y		PIN-D Nunavut Water Board (NWB) Water Licence Application Package, Mark Yetman, April 2011	Appendix 6 - PIN-D Environmental Assessment Screening Report.pdf	Appendix 6 - Environmental Screening		
Operations and Maintenance	12	Indicate whether the water supply and waste treatment and disposal methods have been used and proven in cold climates.	NA	To be determined by contractor				May-11	
	13	Provide a description of any potential operational and maintenance problems that may occur.	NA	To be determined by contractor				May-11	
Hazardous Materials	14	Provide a description of the type and quantities of drilling additives, petroleum products, chemicals and/or hazardous materials on site (MSDS sheets are <u>not</u> required to be submitted as part of the water licence application).	NA	To be determined by contractor				May-11	
	15	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	NA	To be determined by contractor				May-11	
Emergency Response and Spill Contingency	16	Provide an Emergency Response and Spill Contingency Plan (ERSCP) that includes mechanisms and processes for addressing potential or actual failure of structures, response equipment and material storage, and programs for providing appropriate training to workers. The plan shall address all licensed facilities.	NA	To be determined by contractor				May-11	

8.0 Monitoring

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert <u>electronic file name of document</u> where information is provided	Insert <u>Section of document</u> where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Monitoring	1	Provide a Monitoring Plan including a description of the methods, procedures, standards, and schedules proposed. Monitoring may be required for water use; effluent; surface and/or groundwater water quality, quantity, or flow; ground temperature; ground settlement; etc.	NA	To be determined by contractor				May-11	
	2	Indicate who is responsible for sampling including that person's position, contact information and level of training.	NA	To be determined by contractor				May-11	
	3	Indicate the name and contact information of the certified laboratory performing the analysis of samples.	NA	To be determined by contractor				May-11	
	4	Provide an Inspection Plan including a description of the methods, procedures, standards, and schedules proposed. Inspections may be required for engineered facilities related to the management of water and waste as well as spills.	NA	To be determined by contractor				May-11	
	5	Provide a Quality Assurance/ Quality Control (QA/QC) Plan that addresses both field sampling and laboratory analyses.	NA	To be determined by contractor				May-11	
	6	Provide a summary table that details the monitoring plan. The table should include stations numbers, location, parameter(s) and frequency. Provide a map detailing the location of monitoring sites.	NA	To be determined by contractor				May-11	

APPENDIX A: ADDITIONAL SOURCE DOCUMENTS TO ASSIST THE APPLICANT

This appendix provides a list of reference documents including legislation, guidelines and standards that may be of use to the applicant in preparing the supplemental information.

Federal Legislation

- *Canadian Environmental Protection Act, [1999, [1999, c.33]*
- *Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations, [SOR/2008-197]*
- *Environmental Emergency Regulations, [SOR/2003-307]*
- *Fisheries Act, [R.S.C. c. F-14]*
- *Navigable Waters Protection Act, [R.S. 1985, c. N-22]*
- *Navigable Waters Bridges Regulations, [C.R.C., c. 1231]*
- *Navigable Waters Works Regulations, [C.R.C., c. 1232]*
- *Nunavut Land Claims Agreement*
- *Nunavut Waters and Nunavut Surface Rights Tribunal Act, [2002, c.10]*
- *Northwest Territories Waters Regulations, [SOR/93/303]*
- *Territorial Lands Act, [R.S. 1985, c. T-7]*
- *Territorial Land Use Regulations, [C.R.C., c. 1524]*
- *Territorial Quarrying Operations, [C.R.C., c. 1527]*
- *Transportation of Dangerous Goods Act, [1992, c.34]*
- *Transportation of Dangerous Goods Regulations, [SOR/2001-286]*

Territorial Legislation

- *Environmental Protection Act (Nunavut), [R.S.N.W.T. 1988, c. E-7]*

- *Used Oil and Waste Fuel Management Regulations, [N.W.T. Reg. 064-2003]*
- *Safety Act, [R.S.N.W.T. 1988, c. S-1]*
- *Work Site Hazardous Materials Information System Regulations, [R.R.N.W.T. 1990 c. S-2]*
- *Transportation of Dangerous Goods Act, [R.S.N.W.T. 1988, c. 81 (Supp.)]*
- *Transportation of Dangerous Goods Regulations, [1991, N.W.T. Reg. 095-91]*
- *Public Health Act, [R.S.N.W.T. (Nu.) 1988 c. P.12]*
- *Camp Sanitation Regulations, [R.R.N.W.T. (Nu.) 1990 c. P-12]*

Guidelines and Policies

- CCME – *Environmental Code of Practice for Aboveground and Underground Storage Tank Systems containing Petroleum and Allied Petroleum Products (2003);*
- CCME – *Canadian Environmental Quality Guidelines Guidelines (CEQG) and Canadian Water Quality Guidelines for the Protection of Aquatic Life;*
- CCME – *Canada-Wide Standards for Dioxins and Furans (2001);*
- CCME – *Canada-Wide Standards for Mercury Emissions (2000);*
- DFO – *Freshwater Intake End-of-Pipe Fish Screen Guideline (1995);*
- DFO – *Guidelines for the Use of Explosives In or Near Canadian Fisheries Waters (1998);*
- DFO – *Policy for the Management of Fish Habitat (2001);*
- DFO – *Operational Statements;*
- DFO – *Other documents are available from the DFO's website at <http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm>;*

- EC – *Guidelines for the Preparation of Hazardous Material Spill Contingency Plans (1990);*
- GN – *Spill Contingency Planning and Spill Reporting in Nunavut. A Guide to the New Regulations.*
- GN – *Environmental Guideline for Contaminated Site Remediation (2002);*
- GN – *Environmental Guideline for General Management of Hazardous Waste in Nunavut (2002);*
- GN - *Environmental Guideline for Ozone Depleting Substances (2002);*
- GN - *Environmental Guideline for Waste Antifreeze (2002);*
- GN - *Environmental Guideline for Waste Asbestos (2002);*
- GN - *Environmental Guideline for Waste Batteries (2002);*
- GN - *Environmental Guideline for Waste Paint (2002);*
- GN - *Environmental Guideline for Waste Solvent (2002);*
- GN - *Guideline for the Management of Waste Lead and Lead Paint (2001);*
- GN - *Municipal Solid Wastes Suitable for Open Burning;*
- GN - *Disposal Guidelines for Fluorescent Lamp Tubes;*
- GN – *Occupational Health & Safety Guidelines (2006);*
- GNWT - *Guidelines for the Discharge of Treated Municipal Wastewater in the Northwest Territories, (1992)*
- GNWT – *A Field Guide to Ice Construction Safety (2007);*
- *Guidelines for the Preparation of an Operations and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories, Duong and Kent, 1996*
- INAC – *Guidelines for Spill Contingency Planning (2007);*

- INAC - *Quality Assurance (QA), Quality Control (QC) Guidelines for Use by Class "B" Licensees in Collecting Representative Water Samples in the Field and for Submission of a QA/QC Plan (1996);*
- INAC - *Quality Assurance (QA), Quality Control (QC) Guidelines for Use by Class "A" Licensees in meeting SNP requirements and for submission of a QA/QC Plan (1996);*
- INAC – *A Policy Respecting the Prohibition of Bulk Water Removal from Major River Basins in Nunavut (2003);*
- The proponent where applicable should consider the application of the Canadian Dam Association “*Dam Safety Guidelines*” (January 1999) in the design, construction, operation, monitoring, decommission and closure of dam infrastructure. (Referenced within the guidelines as CDA);
- *Workplace Hazardous Materials Information System (WHMIS);*

The NWB maintains a folder on its FTP site containing electronic copies of reference documents. Federal legislation may be found on the Department of Justice Canada website at <http://laws.justice.gc.ca/>. Territorial Legislation may be found on the Canadian Legal Information Institute's website at <http://www.canlii.org/>. The applicant is encouraged to consult with government agencies on technical issues and to obtain the most up to date copy of reference documents.

It is the applicant's responsibility to ensure that all relevant standards and guidelines are considered in the water licence application and to incorporate proper footnotes and references.

APPENDIX B: COMMONLY USED ACRONYMS

AA	Authorizing Agency
ABA	Acid Base Accounting
AMD	Acid Mine Drainage
AP	Acid Potential
A&R	Abandonment and Restoration
ARD	Acid Rock Drainage
ANFO	Ammonium Nitrate and Fuel Oil
BOD	Biological Oxygen Demand
BTEX	Benzene, Toluene, Ethyl-benzene and Xylene
CBOD	Carbonaceous Biological Oxygen Demand
CEA	Cumulative Environmental Assessment
CCME	Canadian Council Ministry of the Environment
CFU	Colony Forming Units
COD	Chemical Oxygen Demand
CWQS	Canadian Water Quality Standards
DFO	Department of Fisheries and Oceans
DIO	Designated Inuit Organization
DO	Dissolved Oxygen
DSG	Dam Safety Guidelines
DSI	Dam Safety Inspection
DSR	Dam Safety Review
EC	Environment Canada
EA	Environmental Assessment
EIS	Environmental Impact Statement
EPA	Environmental Protection Agency
EPP	Emergency Preparedness Plan
ERSCP	Emergency Response Spill Contingency Plan
GN-DoE	Government Nunavut – Department of Environment
GN-CGS	Government Nunavut – Department of Community Government Service
GN-CLEY	Government of Nunavut - Department of Culture, Language, Elders and Youth
HDPE	High Density Polyethylene
FTP	File Transfer Protocol
IIBA	Inuit Impact Benefit Agreement
INAC	Indian and Northern Affairs Canada (also known as DIAND)
IOL	Inuit Owned Lands
IQ	Inuit Qaujimajatuqangit
IR	Information Request
LPA	Local Project Area
MSDS	Material Safety Data Sheet
MAC	Maximum Acceptable Concentration
MCE	Maximum Credible Earthquake
MDE	Maximum Design Earthquake
MMER	Metal Mining Effluent Regulations
NLCA	Nunavut Land Claims Agreement

NP	Neutralization Potential
NNP	Net Neutralization Potential
NPR	Neutralization Potential Ratio
NIRB	Nunavut Impact Review Board
NLCA	Nunavut Land Claims Agreement
NPC	Nunavut Planning Commission
NSA	Nunavut Settlement Area
NTI	Nunavut Tunngavik Incorporated
NTU	Nephelometric Turbidity Unit
NTWR	Northwest Territories Waters Regulations
NWB	Nunavut Water Board
NWNSRTA	Nunavut Waters Nunavut Surface Rights Tribunal Act
NWPP	Navigable Waters Protection Program
O&M	Operations and Maintenance
PAH	Polycyclic Aromatic Hydrocarbons
PC	Project Certificate
PCB	Poly-Chlorinated Biphenyl
PMF	Probable Maximum Flood
PMP	Probable Maximum Precipitation
POP	Persistent Organic Pollutant
PSIR	Project Specific Information Requirement
PVC	Polyvinyl Chloride
QA	Quality Assurance
QC	Quality Control
RBC	Rotating Biological Contactor
RPA	Regional Project Area
SIG	Supplemental Information Guidelines
SS	Suspended Solids
TDS	Total Dissolved Solids
TKN	Total Kjeldahl Nitrogen
TOC	Total Organic Carbon
TOD	Total Oxygen Demand
TS	Total Solids
TSP	Total Suspended Particulates
TSS	Total Suspended Solids
TK	Traditional Knowledge
UTM	Universal Transverse Mercator
UV	Ultraviolet Light
VOC	Volatile Organic Compound
VEC	Valued Ecosystem Component
WHMIS	Workplace Hazardous Material Information System