

## 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					
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y					
	3	Executive summary in english.	Y					
	4	Translated executive summary in appropriate language and dialect.	Y					
	5	Application fee.	Y					
	6	Water use fee.	Not applicable to municipal undertakings					
	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:

- 1 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.
- 2 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.
- 3 Information between all documents that make up the application package must be consistent and must be accurately cross referenced.
- 4 The application must distinguish between recommendations or options and actual commitments to chosen alternatives.
- 5 For additional guidance regarding the submission of electronic documentation, see the NWB's *Guide 6: Electronic Documentation: Submissions and Registry*.
- 6 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.
- 7 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		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		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).	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		2		
	3	Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	NA	NOT REQUIRED					
Project Name	4	Provide the name of the community and indicate the community's status as either village, town, city, hamlet, or settlement corporation.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		3		
	5	Indicate whether the project is for a camp or lodge and provide the name of the camp or lodge.	NA	NOT A CAMP OR LODGE					
	6	Provide the current population of the community or the number of people that the camp or lodge can accommodate.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		3		
	7	Provide the estimated population growth rate of the community over the next five (5) years.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		3		
Location of Undertaking	8	Provide coordinates of the project extents taking into account the Local Project Area (LPA) and the Regional Project Area (RPA), where applicable.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		4		

### 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
	a	Provide location by Latitude and Longitude.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		4		
	b	Provide location by UTM coordinates, if available.	NA	NOT AVAILABLE					
Map	9	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 maps must indicate the scale, map sheet number, and the location of north.	Y		CANADIAN TOPOGRAPHIC MAPS- 25N/15, 2001				
Nature of Interest in the Land	10	Provide the nature of the interest in the land associated with the proposed undertaking, including:							
	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.	NA	NOT REQUIRED					
	b	The date or expected date of issuance of any authorization and the date of expiry.	NA	NOT REQUIRED					
	11	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.	NA	NOT REQUIRED					
NPC Determination	12	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		SEE ATTACHED DOCUMENTATION				
NIRB Determination	13	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:	Y		SEE ATTACHED DOCUMENTATION				
	a	Written confirmation from NIRB that the project proposal does not require screening;	Y		SEE ATTACHED DOCUMENTATION				
	b	NIRB's screening determination;	Y		SEE ATTACHED DOCUMENTATION				
	c	If a review is required, NIRB's recommendation to the Minister regarding the type of review;	NA	NO REVIEW REQUIRED					
	d	If a review is required, the Minister's written decision regarding the review of the development proposal;	NA	NO REVIEW REQUIRED					

### 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
	e	If a review is required, NIRB's project certificate;	NA	NO REVIEW REQUIRED					
	14	Provide a list of activities requested for exception in accordance with NLCA s. 12.10.2;	NA	NO REVIEW REQUIRED					
	15	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	NO REVIEW REQUIRED					
Description of Undertaking	16	See section 4 of this SIG for specific requirements.							
Other Applicable Supplemental Information Guidelines	17	Indicate whether any other Supplemental Information Guidelines apply to the undertaking including the following:							
	a	Hydrostatic testing	NA	NOT REQUIRED					
	b	Tannery	NA	NOT REQUIRED					
	c	Tourist / remote camp	NA	NOT REQUIRED					
	d	Landfarm and on-site storage of hydrocarbon contaminated soil	NA	NOT REQUIRED					
	e	Onshore oil and gas exploration drilling	NA	NOT REQUIRED					
	f	Mineral exploration/ remote camp	NA	NOT REQUIRED					
	g	Advanced exploration	NA	NOT REQUIRED					
	h	Mine development	NA	NOT REQUIRED					
	i	Municipal	Y						
	j	General Water Works	NA	NOT REQUIRED					
	l	Power	NA	NOT REQUIRED					
Options	18	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	NA	NO ALTERNATIVES REQUIRED					
Water Use	19	See section 6 of this SIG for specific requirements	Y						
Water Use: Quality and Quantity	20	See section 6 of this SIG for specific requirements	Y						
Waste Disposal	21	See section 7 of this SIG for specific requirements	Y						
Waste Disposal: Quality and Quantity	22	See section 7 of this SIG for specific requirements	Y						
Other Authorizations	23	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.	NA	NONE REQUIRED					
	24	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works if applicable.	NA	NOT REQUIRED					
	25	Provide a timetable for filing the appropriate plans and procedures required by government parties.	NA	NOT REQUIRED					

### 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
	26	Indicate whether the community holds any existing water licences. If applicable, provide the licence number and expiry date of any existing water licences.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		11		
Predicted Environmental Effect and Proposed mitigation measures	27	Identify the potential effect of water use and waste disposal on the following components:							
	a	Groundwater and Surface Water including:	NA	NO IMPACT					
		changes in flow (including seasonal rate of flow)	NA	NO IMPACT					
		quantity	NA	NO IMPACT					
		quality	NA	NO IMPACT					
	b	Land including:	NA	NO IMPACT					
		geologic structure change	NA	NO IMPACT					
		soil contamination	NA	NO IMPACT					
		compaction, settling and erosion	NA	NO IMPACT					
		alteration of the permafrost regime	NA	NO IMPACT					
		riparian zone loss	NA	NO IMPACT					
	c	Vegetation including:	NA	NO IMPACT					
		species composition and abundance	NA	NO IMPACT					
		non-native species introduction	NA	NO IMPACT					
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)	NA	NO IMPACT					
	d	Aquatic Ecosystems including:	NA	NO IMPACT					
		fish	NA	NO IMPACT					
		benthic invertebrates	NA	NO IMPACT					
		plankton	NA	NO IMPACT					
	28	Identify effects separately for each project phase.	NA	NO IMPACT					
	29	Provide a description of the methods used to predict effects.	NA	NO IMPACT					
	30	Provide a cumulative effects assessment of the project's water use and waste disposal activities in combination with other past, present and reasonably foreseeable projects in the same drainage basin.	NA	NO IMPACT					
	31	Identify effects that may arise from accidental events or malfunctions.	NA	NO IMPACT					
	32	Provide a description of all proposed mitigation, management and monitoring programs to mitigate adverse impacts.	NA	NO IMPACT					
	33	Provide a description of the measures to be taken to mitigate impacts on historical resources or traditional uses of water and procedures to be followed should artifacts be discovered.	NA	NO IMPACT					
	34	See sections 5, 6, 7 and 8 of this SIG for additional information 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
Existing and Other User Water Rights	35	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	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
	36	Provide a description of any potential effects of the project on the persons or properties identified in item 35 of this section.	NA	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
	37	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 35 of this section.	NA	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
	38	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	NA	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
Inuit Water Rights	39	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	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
	40	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	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
	41	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 been unable to reach an agreement on compensation	NA	CITY OF IQALUIT OWNED MUNICIPAL LANDS					
Consultation	42	Provide a summary of any consultation meetings including when the meetings were held, where and with whom.	NA	NO CONSULTATIONS HELD					
	43	Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.	NA	NO CONSULTATIONS HELD					
Security	44	Security information is not required in an application for a municipal undertaking							
Abandonment and Restoration	45	Provide plans for the abandonment and restoration of facilities.	NA	TO FOLLOW				October 1, 2014	
	46	Provide a description of all remediation plans and remediation objectives.	NA	NO REMEDIATION REQUIRED					
	47	Provide a list and description of any existing abandoned or restored site facilities.	NA	NONE					

### 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
Financial Information	48	Indicate the status of the project within the Government of Nunavut Community Government Services (GN-CGS) capital planning process.	NA	NOT REQUIRED					
Studies and Designs	49	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including:	NA	NO STUDIES DONE					
	a	Design rational, design requirements, design criteria, design parameters, design standards/analysis/method;	NA	NO STUDIES DONE					
	b	Design assumptions and the limitations associated with such design assumptions;	NA	NO STUDIES DONE					
	c	The inclusion of clear, definable engineering qualifiers with all design drawings and reports;	NA	NO STUDIES DONE					
	d	Site specific data and analysis to support the design and management decisions made;	NA	NO STUDIES DONE					
	e	Materials that appropriately delineate the particulars of a design or plan.	NA	NO STUDIES DONE					
	50	Provide construction methods and procedures regarding how infrastructure will be put in place on-site.	Y					October 1, 2014	
	51	Provide a timetable for submission of preliminary and final-for-construction engineered designs (note: for construction designs are required for NWB approvals).	Y					October 1, 2014	

### 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
	52	See sections 5, 6 and 7 of this SIG for additional information requirements.							
Proposed Time Schedule	53	Provide the proposed start and completion dates for each phase of development (construction, operation, closure) and any anticipated periods of seasonal shut down.	Y					October 1, 2014	
Proposed Term of Licence	54	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		20		
Annual Reporting	55	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:	NA	NO ANNUAL REPORTING PROPOSED					
	a	Water related monitoring results;	NA	NO ANNUAL REPORTING PROPOSED					
	b	Comparison of water quality and quantity monitoring data with the water quality and quantity predictions presented in the application;	NA	NO ANNUAL REPORTING PROPOSED					
	c	A description of how any conditions in the NIRB screening decision related to the NWB mandate have been implemented;	NA	NO SCREENING REQUIRED					
	d	Project changes under adaptive management;	NA	NOT REQUIRED					
	e	Any actions taken in response to direction provided by the Inspector.	Y					WILL PROVIDE IF/WHEN ISSUED	
Renewals and Amendments	56	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	NEW LICENCE					
	57	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 map, and the action taken to address the affected area.	NA	NEW LICENCE					

#### 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
<b>Description of Undertaking</b>	<b>1</b>	Provide a complete description of the undertaking with detailed site plan(s) of all project infrastructure for the Local Project Area (LPA) and/or the Regional Project Area (RPA), where applicable. 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					October 1, 2014	
	<b>a</b>	Raw water intake;	NA	NO INTAKE					
	<b>b</b>	Water storage and treatment facilities including distribution systems;	NA	NO STORAGE					
	<b>c</b>	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.	Y					October 1, 2014	
	<b>d</b>	Location of receiving water bodies and drainage pathways;	NA	NO RECEIVING WATERS					
	<b>e</b>	Transportation access routes and details of water course crossings;	Y						
	<b>f</b>	Locations of environmental monitoring sites;	NA	NO MONITORING PLANNED					
	<b>g</b>	Traditional water use and land use areas that may be impacted by the project;	NA	NONE					
	<b>h</b>	Wastewater collection, disposal, treatment and discharge facilities (lagoon, wetland, honey bag pit, mechanical system, combination, other);	NA	NO WASTEWATER COLLECTION					
	<b>i</b>	Solid waste disposal areas and drainage patterns;	NA	NONE					
	<b>j</b>	Incinerators;	NA	NONE					
	<b>k</b>	Landfarm (see the NWB's SIG for Landfarm and on-site storage of hydrocarbon contaminated soil (I3));	NA	NO LANDFARM					
	<b>l</b>	Quarries;	NA	NONE					
	<b>m</b>	Hazardous waste disposal area;	NA	NONE					
	<b>n</b>	Waste discharge distribution lines;	NA	NO WASTE					
	<b>o</b>	Fuel and chemical storage;	NA	NONE					
	<b>p</b>	Abandoned and/or restored facilities;	NA	NONE					
	<b>q</b>	Existing on site infrastructure;	NA	NO INFRASTRUCTURE					
	<b>r</b>	Others:	NA	NONE					

## 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 <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
Environmental Setting	1	Provide a description of the regional and local setting.	Y		EXECUTIVE SUMMARY				
	2	Provide a description of the site conditions including:	Y		EXECUTIVE SUMMARY				
	a	location	Y		EXECUTIVE SUMMARY				
	b	topography	Y		EXECUTIVE SUMMARY				
	c	geologic conditions	NA	NOT REQUIRED					
	d	hydrologic characteristics	NA	NOT REQUIRED					
	e	climate conditions and trends	NA	NOT REQUIRED					
	f	seismicity	NA	NOT REQUIRED					
	g	permafrost conditions	NA	NOT REQUIRED					
	3	Provide a description of the regional and local surface water regime and drainage area and outline the drainage basin on an attached map.	NA	NOT REQUIRED					
	4	Provide a description of the groundwater regime.	NA	NOT REQUIRED					
	5	Provide baseline data and an evaluation of baseline data describing surface and groundwater quality in the project area (physical, chemical, and biological characteristics).	NA	NOT REQUIRED					
	6	Provide a description of the usual break-up and freeze-up periods.	NA	NOT REQUIRED					
	7	Provide a description of streambed material, streambank material, and streambank vegetation,	NA	NOT REQUIRED					
	8	Indicate the slope of the banks of any water course affected by the application	NA	NOT REQUIRED					
	9	Provide a description of the meander pattern for any channel affected by the application	NA	NOT REQUIRED					
	10	Provide the following streamflow data in cubic metres per second for each watercourse included in the application:	NA	NOT REQUIRED					
	a	mean annual flow;	NA	NOT REQUIRED					
	b	mean summer flow;	NA	NOT REQUIRED					
	c	minimum summer flow;	NA	NOT REQUIRED					
	d	minimum annual flow;	NA	NOT REQUIRED					
	e	mean annual flood;	NA	NOT REQUIRED					
	f	maximum summer flood;	NA	NOT REQUIRED					
	g	mean summer flood;	NA	NOT REQUIRED					
	11	Provide bathymetric information for water bodies affected by the application.	NA	NOT REQUIRED					
	12	Provide a description of the ground condition for design and engineering of earthwork infrastructure, including: (if applicable, provide test pit/ drill hole logs and laboratory test results)	NA	NOT REQUIRED					
	a	Landfills	NA	NOT REQUIRED					
	b	Landfarms	NA	NOT REQUIRED					
	c	Roads	NA	NOT REQUIRED					
	d	Quarries or borrow pits	NA	NOT REQUIRED					
	e	Hazardous waste facilities	NA	NOT REQUIRED					
	f	Wastewater treatment facilities	NA	NOT REQUIRED					

## 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 <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
	13	Provide results of any assessment of the permeability of any faults and taliks beneath water bodies.	NA	NOT REQUIRED					
	14	Provide a description of the historical uses of the waters affected by the project.	NA	NOT REQUIRED					
	15	Provide a description of any traditional uses of water in the project area.	NA	NOT REQUIRED					
	16	Indicate whether fish, shellfish, or other wildlife are present and harvested in or near discharge areas and, if applicable, indicate the species harvested and the level of harvest.	NA	NOT REQUIRED					
	17	Provide a description of the results of any consultation with Elders regarding the collection of baseline data.	NA	NO CONSULTATIONS PERFORMED					
	18	Provide a description of the geochemical tests which have been (or will be) performed on quarry or borrow material to determine the relative acid generation and contaminant leaching potential. Outline methods used (or to be used) and provide test results in an attached report (ie. static test, kinetic tests).	NA	NOT REQUIRED					
Fisheries	19	The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at <a href="http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm">http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm</a> . Indicate whether the applicant has consulted with DFO and provide the results of any consultation.	NA	NO FISH IN WATERCOURSE					
	20	If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area	NA	NO FISH IN WATERCOURSE					
	21	If applicable, provide a fisheries assessment including:	NA	NO FISH IN WATERCOURSE					
	a	Detailed area description (including photographic record);	NA	NO FISH IN WATERCOURSE					
	b	Description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble);	NA	NO FISH IN WATERCOURSE					
	c	Presence of sensitive habitats (spawning, migration corridors etc.);	NA	NO FISH IN WATERCOURSE					
	d	Description of aquatic and riparian vegetation;	NA	NO FISH IN WATERCOURSE					
	e	Fish community and lifestage present;	NA	NO FISH IN WATERCOURSE					
	f	Depth and width of watercourse;	NA	NO FISH IN WATERCOURSE					
	g	Max/min water flows, currents, tides;	NA	NO FISH IN WATERCOURSE					
	h	Turbidity and sediment loads (total suspended solids);	NA	NOT REQUIRED					
	i	Sport, commercial, subsistence fishery present.	NA	NO FISH IN WATERCOURSE					
Studies	22	Provide a list of baseline studies, reports and plans relevant to the application that have been undertaken to date or are being planned including:	NA	NOT REQUIRED					
	a	Geotechnical studies;	NA	NOT REQUIRED					
	b	Geochemical studies;	NA	NOT REQUIRED					
	c	Water quality studies;	NA	NOT REQUIRED					

## 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 <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
	d	Hydrological and hydrogeological studies;	NA	NOT REQUIRED					
	e	Traditional use studies;	NA	NOT REQUIRED					
	f	Aquatic studies;	NA	NOT REQUIRED					
	g	Meteorological studies;	NA	NOT REQUIRED					

## 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)	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		SECTION 4		
	a	Obtain water for domestic purposes	NA	NOT BEING APPLIED FOR					
	b	Obtain water for industrial purposes	NA	NOT BEING APPLIED FOR					
	c	To cross a water course	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		SECTION 4		
	d	To alter the flow of water, or store water	NA	NOT BEING APPLIED FOR					
	e	Flood control	NA	NOT BEING APPLIED FOR					
	f	To divert a watercourse	NA	NOT BEING APPLIED FOR					
	g	To modify the bed or bank of a watercourse	NA	NOT BEING APPLIED FOR					
	h	Others:	Y		GENERAL WATER LICENCE APPLICATION (APPLICATION FOR A NEW WATER LICENCE) SEPTEMBER 19, 2014		SECTION 4		
Water Use: Quality and Quantity Water Intake  **Identify uses as either domestic or industrial**	2	Provide the name of the primary water source(s) as well as the name of any alternative water source(s).	NA	PRIMARY WATER SOURCE HAS NO NAME, NO ALTERNATIVE WATER SOURCES					
	3	Provide a description of the source(s) of water and the location of the water source(s) as shown on a map.	Y		PRELIMINARY-PROPOSED ROAD TO NORTHWEST AGGREGATE DEPOSIT-SITE PLAN-MAY 30, 2014		SP2, SP3		
	4	Indicate the type of water source(s) as lake, river, well, or other type.	Y		EXECUTIVE SUMMARY				
	5	Provide a description of the quality of the water from the source(s) for each season (summer, fall, winter, spring).	Y		EXECUTIVE SUMMARY				
	6	Provide the capacity of the water source(s).	NA	NO CAPACITY					
	7	Provide the acquisition rate in cubic metres per day and cubic metres per year from each water source.	NA	NO CAPACITY					

## 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
	8	Provide a description of the water intake method(s) 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.	NA	NO INTAKE					
	9	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	NO INTAKE					
	10	Indicate whether water is drawn from the source(s) intermittently or continuously and if intermittently indicate during what months it is drawn and for what period it is drawn (days/weeks/months).	NA	NO WATER DRAWN					
	11	Indicate the amount of water to be returned to the source(s).	NA	NO WATER DRAWN					
	12	Provide a description of the methods to ensure water returned to any source is of an acceptable quality.	NA	NO WATER DRAWN					
	13	Provide a description of any hydrostatic testing programs, including water sources, and treatment/disposal requirements. If applicable, refer to the NWB's SIG for Hydrostatic Testing.	NA	NO TESTING					
	14	Provide a description of any measures to reduce water consumption.	NA	NO CONSUMPTION					
Water Storage	15	Provide a description of any water storage facilities including the type (reservoir/pond, storage tank), location, design, and the water storage volume in cubic meters.	NA	NO STORAGE					
	16	If the water storage facility is a reservoir, indicate whether the reservoir is lined, the type of liner and when it was or will be installed.	NA	NO STORAGE					
	17	Indicate whether a storage reservoir is created in a natural channel. If applicable, provide plan and profile drawings of the reservoir including the size of the drainage basin upstream of the reservoir, topographical plan showing the drainage area boundary, number of hectares flooded, surface area of the reservoir at full capacity, storage capacity, and details of shoreline protection.	NA	NO STORAGE					
	18	Provide a plan showing representative cross sections of the reservoir.	NA	NO STORAGE					

## 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
	19	Provide a description of the general condition of any existing water storage facility and provide an explanation if it is unsatisfactory.	NA	NO STORAGE					
Water Distribution	20	Provide a description of water distribution systems (ie. piped water, trucked) including the number of people on each system.	NA	NO DISTRIBUTION					
	21	For each phase of development, calculate the total water consumed per day (L/day) by multiplying the estimated number of persons on the system by the estimated average water consumption (Litres/capita/day). Calculate the total water consumed for each individual distribution system if more than one is used (ie. piped water, trucked water).	NA	NO DISTRIBUTION					
	22	Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory.	NA	NO DISTRIBUTION					
	23	Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads and its purpose.	Y		PRELIMINARY-PROPOSED ROAD TO NORTHWEST AGGREGATE DEPOSIT-SITE PLAN-MAY 30, 2014		SP2, SP3		
Watercourse Crossings	24	Indicate whether a temporary detour road is required to construct the watercourse crossing. If applicable, provide a schematic drawing that shows the location of the proposed detour road, any watercourse crossings to be constructed to facilitate the detour road, and the type of crossing.	NA	NO DETOUR REQUIRED					
	25	Provide a plan of any watercourse crossing showing cross section and elevations	Y		PRELIMINARY-PROPOSED ROAD TO NORTHWEST AGGREGATE DEPOSIT-SITE PLAN-MAY 30, 2014		SP2, SP3		
	26	Provide a description of any watercourse trainings including channel and bank alterations, culverts, spurs, erosion control, and artificial accretion, and its purpose.	NA	NO TRAININGS					
Flood Control	27	Provide a description of any flood control structures and its purpose.	NA	NO STRUCTURES					
Diversions	28	Provide a description of any diversions including ditches and dikes, and its purpose.	NA	NO DIVERSIONS					
Alterations in flow	29	Provide a description of any activities or structures that could alter the flow of a watercourse including dams, spillways, berms, cofferdams, and dikes, and its purpose.	NA	NO STRUCTURES					
	30	Indicate whether the natural storage capacity or water level of any lake or pond will be altered.	NA	NO STORAGE					
	31	If the alteration involves a dam, provide a plan showing the length, height, cross section and elevations of the dam and the location and preliminary designs of spillways, canals, sluice pipes, and any other outlet work.	NA	NO DAM					

## 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
Dewatering	32	Provide a description of dewatering programs, if planned, including estimated quantities, qualities, dewatering flow rates, methods and schedule of withdrawal, end use or discharge location.	NA	NO DEWATERING					
Identification	33	Indicate whether there are any signs identifying past or present water intake, storage, distribution systems and/or waterwork structures presently in the community.	NA	NO INTAKE					
Modifications	34	Indicate whether any changes are planned for the water intake, storage, distribution systems and/or waterwork structures. If applicable, see item 35 of this section.	NA	NO CHANGES					
	35	Indicate whether the community believes changes are needed to the water intake, storage, distribution systems and/or waterwork structures. If applicable, provide a description.	NA	NO CHANGES					
Proposed Water works	36	For each proposed water work component provide design plans. Design plans shall consider the following:							
	a	Name of the water body(s) affected.	NA	NO WATER BODY BEING AFFECTED					
	b	Site photos, site map, or air photos of the location.	Y		PRELIMINARY-PROPOSED ROAD TO NORTHWEST AGGREGATE DEPOSIT-SITE PLAN-MAY 30, 2014		SP2, SP3		
	c	Description of the existing condition of the site (see section 5)	Y		EXECUTIVE SUMMARY				
	d	Indicate whether any structure will be placed in water on a temporary, seasonal or permanent basis and provide a description of when and how the structure will be removed.	NA	NO STRUCTURES PLACED IN WATER					
	e	The design flood flow in cubic metres per second and its return period for the type of structure proposed.	NA	NO STRUCTURES PLACED IN WATER					
	f	An explanation of the rationale for the selected design flow flood and its return period.	NA	NO DESIGN FLOOD FLOW					
	g	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Y					October 1, 2014	
	h	Details of design parameters including seismic design criteria if applicable.	NA	NOT REQUIRED					
	i	In water work timing restriction for fisheries.	NA	NO IN WATER WORK					
	j	Start and completion dates for construction.	Y					October 1, 2014	
	k	Construction schedule and sequence taking into account any timing restrictions.	Y					October 1, 2014	
	l	Construction methods.	Y					October 1, 2014	
	m	Equipment to be used.	Y					October 1, 2014	
	n	A description of the source, type, and composition of material used in construction.	Y					October 1, 2014	
	o	The quantity of material to be either placed into or removed from the watercourse.	Y					October 1, 2014	
	p	Sedimentation and erosion control measures.	Y					October 1, 2014	
	q	Construction monitoring plans.	NA	NO MONITORING PLANNED				October 1, 2014	
	r	Construction quality assurance and quality control measures.	Y					October 1, 2014	

## 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
	s	Assessment of impacts to fish and fish habitat (see item 46 of this Section).	NA	NO IMPACT					
	t	Bank stabilization measures (including the size range of material if applicable).	Y					October 1, 2014	
	u	Operation and maintenance plans including instrumentation, monitoring and inspection requirements (see item 38 of Section 7).	NA	O&M NOT REQUIRED					
	v	Contingency plans (see items 41-43 of Section 7).	NA	NOT REQUIRED					
	w	Re-vegetation plans	NA	NOT REQUIRED					
	x	Proposed post construction monitoring (photos taken of the site before construction, during construction, and after construction; photos should be taken from the same reference point for easy comparison)	Y					October 1, 2015	
	y	Abandonment and restoration plans (see items 45-47 of Section 3).	NA	NOT REQUIRED					
	37	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 Guide 4: Completing and Submitting a Water Licence Application for more information regarding design drawings).	Y					October 1, 2014	
	38	If geotextile is used or a similar material to prevent the transport of sediment into a watercourse, provide the technical specifications for the proposed material as well as the location, extent and placement method for the material.	Y					October 1, 2014	
	39	If rip rap is used or a similar material for erosion protection, provide information regarding the minimum and maximum sizes of the material and the gradation between those limits. Indicate the quantity to be used and its source.	Y					October 1, 2014	
Predicted Environmental Effects and Proposed mitigation measures	40	Provide a description of the effects of water usage on the river or lake from which water will be drawn, including potential for drawdown.	NA	NO WATER USAGE					
	41	Provide a description of any expected changes in surface water flow or storage including changes downstream of the project.	NA	NO CHANGES					
	42	If the cross-section of any watercourse is changed, provide a description of the change and its effect on the flow capacity of the channel.	NA	NO CHANGES					
	43	If the course of any channel is changed, provide a description of measures to maintain stream bed and bank stability.	NA	NO CHANGES					
	44	Provide a description of measures of preventing surface water from coming into contact with waste and measures of managing surface water that does come into contact with waste (surface water management plan).	NA	NO SURFACE WATER CONTACTING WASTE					
	45	Provide a description of measures of preventing groundwater from coming into contact with waste and measures of managing groundwater that does come into contact with waste (groundwater management plan).	NA	NO SURFACE WATER CONTACTING WASTE					

## 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 <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
Fisheries	46	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 <a href="http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm">http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm</a> .	NA	NO FISH IMPACT					
	a	Potential effects on fish or fish habitat;	NA	NO FISH IMPACT					
	b	The area in square metres to be impacted;	NA	NO FISH IMPACT					
	c	Measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors);	NA	NO FISH IMPACT					
	d	Measures to avoid physical impacts on habitat;	NA	NO FISH IMPACT					
	e	Measures to maintain flows and fish passage;	NA	NO FISH IMPACT					
	f	Measures to avoid sedimentation;	NA	NO FISH IMPACT					
	g	Measures to avoid spills;	NA	NO FISH IMPACT					
	h	Detailed habitat no-net-loss plan and site restoration plan;	NA	NO FISH IMPACT					
Studies	47	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date, or are being planned including:	NA	NO STUDIES					
	a	Options analysis;	NA	NO STUDIES					
	b	Water management plan including water balance analysis;	NA	NO PLAN					
	c	Fisheries assessment;	NA	NO ASSESSMENT					
	d	Construction plan and construction schedule for water works;	Y					October 1, 2014	
	e	Implementation schedule for construction of works.	Y					October 1, 2014	
	f	Construction quality assurance and quality control plans;	NA	NOT REQUIRED					
	g	Operation and maintenance plan;	NA	NOT REQUIRED					
	h	Preliminary abandonment and reclamation plans for existing and proposed facilities;	NA	NOT REQUIRED					
	i	Final abandonment and reclamation plans for facilities to be closed;	NA	NOT REQUIRED					
	j	Monitoring plans (See Section 8).	NA	NO MONITORING PLANNED					

## 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 <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
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> )	NA	NO WASTE PRODUCED					
	a	Sewage	NA	NO WASTE PRODUCED					
	b	Grey water	NA	NO WASTE PRODUCED					
	c	Solid waste	NA	NO WASTE PRODUCED					
	d	Sludge	NA	NO WASTE PRODUCED					
	e	Hazardous waste	NA	NO WASTE PRODUCED					
	f	Contaminated soil, snow, ice and/or water	NA	NO WASTE PRODUCED					
	g	Bulky items/ scrap metal	NA	NO WASTE PRODUCED					
	h	Waste oil	NA	NO WASTE PRODUCED					
	i	Animal waste	NA	NO WASTE PRODUCED					
	j	Other	NA	NO WASTE PRODUCED					
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.	NA	NO WASTE PRODUCED					
	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.	NA	NO WASTE PRODUCED					
	4	Provide a description of any existing or proposed measures to minimize the production of wastes.	NA	NO WASTE PRODUCED					
Wastewater including sewage and grey water	5	Provide a description of wastewater collection, disposal, treatment, and discharge facilities (honey bag, lagoon, wetland, mechanical, combination, other) including descriptions of the location, drainage, and operation and maintenance of each site.	NA	NO WASTE PRODUCED					
	6	Indicate whether any sources of commercial or industrial liquid waste enter the wastewater treatment facility. If applicable, provide a description of sources, types and quantities. The municipality should be aware that any discharge of commercial or industrial waste must be approved by the municipality.	NA	NO WASTE PRODUCED					
	7	Indicate the level of wastewater treatment (primary, secondary, tertiary).	NA	NO WASTE PRODUCED					
	8	Provide a description of any pre-treatment measures (screening, maceration).	NA	NO WASTE PRODUCED					
	9	If applicable, indicate whether any lagoon(s) are anaerobic, aerobic, and/or facultative.	NA	NO WASTE PRODUCED					
	10	Indicate the capacity of the wastewater treatment facility.	NA	NO WASTE PRODUCED					
	11	Based on current population projections, indicate what year the wastewater treatment facility will meet the needs of the community.	NA	NO WASTE PRODUCED					
	12	If applicable, indicate the freeboard and average depth of any lagoon.	NA	NO WASTE PRODUCED					
	13	Indicate the retention time of the wastewater while in the treatment facility.	NA	NO WASTE PRODUCED					
	14	Indicate the estimated rate of discharge of wastewater (L/sec).	NA	NO WASTE PRODUCED					
	15	Indicate the location of the final discharge point (final point of control).	NA	NO WASTE PRODUCED					

## 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 <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
	16	Indicate whether the discharge is seasonal, continuous, or intermittent. If seasonal, indicate what months discharge occurs and the duration of discharge (days, weeks, months).	NA	NO WASTE PRODUCED					
	17	Provide a description of the methods of discharge.	NA	NO WASTE PRODUCED					
	18	Indicate whether any sludges are produced and if applicable, sludge management procedures.	NA	NO WASTE PRODUCED					
	19	Indicate whether there have been any operating problems with existing wastewater treatment facilities.	NA	NO WASTE PRODUCED					
	20	Provide a description of the general condition of any existing wastewater collection system, discharge control system, dams, diversion dykes, or berms and provide an explanation if it is unsatisfactory.	NA	NO WASTE PRODUCED					
Solid Waste	21	Provide a description of solid waste collection systems and solid waste disposal facilities including descriptions of the location, drainage, and operation and maintenance of each site.	NA	NO WASTE PRODUCED					
	22	Indicate whether the solid waste disposal site(s) is fenced and whether the fence is adequate. If applicable, provide an explanation for why the fence is inadequate.	NA	NO WASTE PRODUCED					
	23	Indicate the capacity of the solid waste disposal area(s) in cubic metres.	NA	NO WASTE PRODUCED					
	24	Indicate the average depth of the solid waste disposal site(s) in metres.	NA	NO WASTE PRODUCED					
	25	Based on current population projections, indicate what year the solid waste disposal facility will meet the needs of the community.	NA	NO WASTE PRODUCED					
	26	Indicate whether the community burns garbage, and if applicable provide a description of when, where and how this is done.	NA	NO WASTE PRODUCED					
	27	Indicate whether the community has separate disposal areas for animal carcasses, waste oil, bulky scrap metal wastes, or hazardous wastes. If applicable, provide a description of the location, structures, drainage, and operation and maintenance of each of these sites.	NA	NO WASTE PRODUCED					
	28	Indicate whether any commercial or industrial solid wastes enter solid waste disposal facilities. If applicable provide a description of sources, types and quantities. The municipality should be aware that any discharge of commercial or industrial waste must be approved by the municipality.	NA	NO WASTE PRODUCED					
	29	Provide a description of the general condition of any existing solid waste disposal facilities and provide an explanation if it is unsatisfactory.	NA	NO WASTE PRODUCED					
Identification	30	Indicate whether there are signs identifying any past or present wastewater disposal sites, solid waste disposal sites, or any other waste disposal sites presently in the community.	NA	NO WASTE PRODUCED					
Modifications	31	Indicate whether any changes are planned for the wastewater, solid waste, or any other waste facilities. If applicable, see item 33 of this Section.	NA	NO WASTE PRODUCED					

## 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 <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
	32	Indicate whether the community believes changes are needed to the sewage, solid waste, or any other waste facilities. If applicable, provide a description.	NA	NO WASTE PRODUCED					
Proposed waste facilities	33	For each proposed waste facility provide design plans. The designs shall consider the following:	NA	NO WASTE PRODUCED					
	a	Site photos, site map, or air photos of the site.	NA	NO WASTE PRODUCED					
	b	Description of the existing condition of the site (see Section 5).	NA	NO WASTE PRODUCED					
	c	A description of the types of waste entering the facility.	NA	NO WASTE PRODUCED					
	d	Distance of the facility from watercourses and fish bearing waters.	NA	NO WASTE PRODUCED					
	e	Existing and proposed drainage modifications.	NA	NO WASTE PRODUCED					
	f	Details of retaining structures.	NA	NO WASTE PRODUCED					
	g	Level of treatment (primary, secondary or tertiary).	NA	NO WASTE PRODUCED					
	h	By products of treatment which may require further treatment, characterization, handling and disposal.	NA	NO WASTE PRODUCED					
	i	Capacity and retention time of the facility;	NA	NO WASTE PRODUCED					
	j	Identification of final discharge point (last point of control).	NA	NO WASTE PRODUCED					
	k	Method and type of discharge (seasonal, annual, continuous).	NA	NO WASTE PRODUCED					
	l	Estimated rates for discharge.	NA	NO WASTE PRODUCED					
	m	Restrictions on discharge.	NA	NO WASTE PRODUCED					
	n	Discharge effluent criteria proposed;	NA	NO WASTE PRODUCED					
	o	Receiving water quality objectives.	NA	NO WASTE PRODUCED					
	p	Details regarding direction and path of wastewater flow from the area or infrastructure.	NA	NO WASTE PRODUCED					
	q	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	NA	NO WASTE PRODUCED					
	r	Details of design parameters including seismic design if applicable.	NA	NO WASTE PRODUCED					
	s	Start and completion dates for construction.	NA	NO WASTE PRODUCED					
	t	Construction schedule and sequence taking into account any timing restrictions.	NA	NO WASTE PRODUCED					
	u	Construction methods.	NA	NO WASTE PRODUCED					
	v	Equipment to be used.	NA	NO WASTE PRODUCED					
	w	A description of the source, type, and composition of the material to be used in construction.	NA	NO WASTE PRODUCED					
	x	Construction monitoring plans.	NA	NO WASTE PRODUCED					
	y	Construction quality assurance and quality control measures.	NA	NO WASTE PRODUCED					
	z	Operation and maintenance plans.	NA	NO WASTE PRODUCED					
	aa	Contingency plans.	NA	NO WASTE PRODUCED					
	bb	Abandonment and restoration plans (see items 45-47 of Section 3).	NA	NO WASTE PRODUCED					
	34	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 <u>Guide 4: Completing and Submitting a Water Licence Application</u> for more information regarding design drawings).	NA	NO WASTE PRODUCED					

## 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 <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
Predicted Environmental Effects and Proposed mitigation measures	35	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.	NA	NO WASTE PRODUCED					
	36	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.	NA	NO WASTE PRODUCED					
Operations and Maintenance	37	Provide an Operations and Maintenance Manual in accordance with the "Guidelines for the Preparation of an Operations and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories, 1996". This Manual must address sewage disposal facilities, solid waste disposal facilities, landfarm facilities, any other waste disposal facilities, sludge management, and water supply facilities.	NA	NO WASTE PRODUCED					
Hazardous Materials	38	Provide a description of the type and quantities of petroleum products, chemicals and/or hazardous materials to be disposed.	NA	NO WASTE PRODUCED					
	39	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	NA	NO WASTE PRODUCED					
Emergency Response and Spill Contingency	40	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 including aggregate sources.	NA	NO WASTE PRODUCED					
	41	Plan(s) shall address all phases of the project including construction and operations.	NA	NO WASTE PRODUCED					
	42	Provide an explanation of how the applicant will ensure project contractors meet the applicant's due diligence standards with respect to oil and hazardous material spill prevention, preparedness, response, and restoration.	NA	NO WASTE PRODUCED					

## 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 <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
Studies	43	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date or are being planned, including design and management decisions. Studies, reports and plans may include:	NA	NO STUDIES DONE					
	a	Options analysis;	NA	NO STUDIES DONE					
	b	Wastewater treatment assessment;	NA	NO STUDIES DONE					
	c	Geotechnical and geothermal assessment;	Y					October 1, 2014	
	d	Snow drift assessment;	NA	NO STUDIES DONE					
	f	Weather data for purposes of design;	NA	NO STUDIES DONE					
	g	Wastewater management;	NA	NO STUDIES DONE					
	h	Solid waste management;	NA	NO STUDIES DONE					
	i	Contaminated soil and water management;	NA	NO STUDIES DONE					
	j	Quarry management including assessment of acid rock drainage and metal leaching potential of quarry material;	NA	NO QUARRY					
	k	Hazardous waste management;	NA	NO HAZARDOUS WASTE					
	l	Operation and maintenance plan;	NA	NOT REQUIRED					
	m	Spill contingency and emergency response plans;	NA	NOT REQUIRED					
	n	Construction plan and construction schedule for waste disposal infrastructure;	NA	NO WASTE PRODUCED					
	o	Implementation schedule for construction of works;	Y					October 1, 2014	
	p	Construction quality assurance and quality control plans;	Y					October 1, 2014	
	q	Preliminary abandonment and reclamation plans for existing and proposed facilities;	NA	NO ABANDON / RECLAIM					
	r	Final abandonment and reclamation plans for facilities to be closed;	NA	NO ABANDON / RECLAIM					
	s	Remediation plans for waste disposal infrastructure;	NA	NO WASTE PRODUCED					
	t	Monitoring plans (see Section 8);	NA	NO MONITORING PLANNED					

## 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	NO MONITORING PLANNED					
	2	Indicate who is responsible for sampling including that person's position, contact information and level of training.	NA	NO MONITORING PLANNED					
	3	Indicate the name and contact information of the certified laboratory performing the analysis of samples.	NA	NO MONITORING PLANNED					
	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	NO MONITORING PLANNED					
	5	Provide a Quality Assurance/ Quality Control (QA/QC) Plan that addresses both field sampling and laboratory analyses.	NA	NO MONITORING PLANNED					
	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	NO MONITORING PLANNED					