

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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1	
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	See relevant references in SIG Concordance table	
	3	Executive summary in english.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 8	
	4	Translated executive summary in appropriate language and dialect.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 8	
	5	Application fee.	Y		Submitted to CIRNAC			
	6	Water use fee.	Y		Submitted to CIRNAC			
	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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 8	

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

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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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	3	Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 9		
Name of Project	4	Provide the name of the project.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Location of Undertaking	5	Provide coordinates of the project extents taking into account the Local Project Area (LPA) and the Regional Project Area (RPA), where applicable.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		Provide location by Latitude and Longitude.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		Provide location by UTM coordinates, if available.	Y						
		Provide the distances to the nearest communities.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	6	Indicate whether the drainage basin, in which the project is located, is shared with any other jurisdiction. If applicable, indicate which jurisdiction.	Y						
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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1 (for NTS map sheet #)/Attachment 2 for Project map		
Nature of Interest in the Land	8	Provide the nature of the interest in the land associated with the proposed undertaking, including:	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		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	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		The date or expected date of issuance of any authorization and the date of expiry.	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	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		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 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					Application has been submitted to the NPC for issuance of a determination	
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:	N/A	NIRB has previously screened this application and the minor amendemnet requested here is not anticipated to necessitate additional screening as total water use remains within that pervious evaluated and approved.					

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		Written confirmation from NIRB that the project proposal does not require screening;	N/A	It is anticipated that the NPC will determine that further NIRB screening is not required as total water useage remains within what the NIRB has previously screened					
		NIRB's screening determination;	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Historical NIRB Screening info provided in Cover letter; Attachment 1, 4 & 5		
		If a review is required, NIRB's recommendation to the Minister regarding the type of review;	N/A	See above and previous NIRB SDRs					
		If a review is required, the Minister's written decision regarding the review of the development proposal;	N/A	See above and previous NIRB SDRs					
		If a review is required, NIRB's project certificate;	N/A	See above and previous NIRB SDRs					
	12	List of activities requested for exception in accordance with NLCA s. 12.10.2;	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	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.	N/A	Application if for a 5 year renewal of the Licence with amendment					
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:							
	a	Hydrostatic testing	N/A						
	b	Tannery	N/A						
	c	Tourist / remote camp	N/A						
	d	Landfarm and on-site storage of hydrocarbon contaminated soil	N/A						
	e	Onshore oil and gas exploration drilling	N/A						
	f	Mineral exploration/ remote camp	N/A						
	g	Advanced exploration	Y		2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Full application, including these SIGs		
	h	Mine development	N/A						
	i	Municipal	N/A						
	j	General Water Works	N/A						
	k	Power	N/A						
Options (Alternatives)	16	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	N/A	Project is already established	2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Water Use	17	See section 6 of this SIG for specific requirements			2BE-HIG1722 WL	2BE-HIG1722 WL Renewal w	Attachment 1		
Water Use: Quality and Quantity	18	See section 6 of this SIG for specific requirements			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Waste Disposal	19	See section 7 of this SIG for specific requirements			2BE-HIG1722 WL	2BE-HIG1722 WL Renewal w	Attachment 1		
Waste Disposal: Quality and Quantity	20	See section 7 of this SIG for specific requirements			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		

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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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	22	Indicate whether an authorization has been obtained or sought from the Department of Fisheries and Oceans for dewatering or using any waterbodies for containment of waste	N/A	No authorization required					
	23	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works.	N/A	No authorization required					
	24	Provide a timetable for filing the appropriate plans and procedures required by government parties.	N/A	All relevant plans have been included in this application					
	25	Indicate whether the applicant/ licensee holds any existing water licences. If applicable, provide the licence number and expiry date of any existing water licences.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1 & 10		
Predicted Environmental Effect and Proposed mitigation measures	26	Identify the potential effect of water use and waste disposal on the following components:							
		Groundwater and Surface Water including:	N/A	No change from what is currently permitted					
		changes in flow (including seasonal rate of flow)							
		quantity							
		quality							
		Land including:	N/A	No change from what is currently permitted					
		geologic structure change							
		soil contamination							
		compaction, settling and erosion							
		alteration of the permafrost regime							
		riparian zone loss							
		Vegetation including:	N/A	No change from what is currently permitted					
		species composition and abundance							
		non-native species introduction							
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)							
		Aquatic Ecosystems including:	N/A	No change from what is currently permitted					
		fish							
		benthic invertebrates							
		plankton							
	27	Identify effects separately for each project phase.	N/A	No change from what is currently permitted					
	28	Provide a description of the methods used to predict effects.	N/A	No change from what is currently permitted					
	29	Provide a cumulative effects assessment of the project's water use and waste disposal activities in relation to other activities in the same drainage basin.	N/A	No change from what is currently permitted					
	30	Identify effects arising from accidental events or malfunctions.	N/A	No change from what is currently permitted					
	31	Provide a description of all proposed mitigation, management and monitoring programs to mitigate adverse impacts.	N/A	No change from what is currently permitted					

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	32	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.	N/A	No change from what is currently permitted					
	33	If applicable, provide a description of any potential transboundary effects.	N/A	No change from what is currently permitted					
	34	See sections 5, 6, 7, and 8 of this SIG for additional information requirements							
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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	36	Provide a description of any potential effects of the project on the persons or properties identified in item 35 of this section.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	38	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
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).			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	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			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Consultation	42	Provide a summary of any consultation meetings including when the meetings were held, where and with whom.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	43	Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Security	44	Provide a financial security assessment that is prepared in a manner consistent with principals respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for Nunavut</i> , Indian and Northern Affairs Canada, 2002. The financial security assessment must include:			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1, 7		
		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;							
		The cost of having the necessary reclamation work done by a third-party contractor if the operator defaults;							
		Contingency factors appropriate to the particular work to be undertaken.							
Abandonment and Restoration	45	Provide plans for the abandonment and restoration of the project. Detail the costs to carry out the plan, and a proposal for financial assistance which covers the costs to carry out the plan.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 7		

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	46	Provide a list and description of any existing abandoned or restored site facilities.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 7		
Financial Information	47	Provide a statement of financial responsibility.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	48	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
	49	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Studies and Designs	50	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including:			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		Design rational, design requirements, design criteria, design parameters, design standards/analysis/method;							
		Design assumptions and the limitations associated with such design assumptions;							
		The inclusion of clear, definable engineering qualifiers with all design drawings and reports;							
		Site specific data and analysis to support the design and management decisions made;							
		Materials that appropriately delineate the particulars of a design or plan.							
	51	Provide construction methods and procedures regarding how infrastructure will be put in place on-site.	N/A	No infrastructure change requested					
	52	Provide a timetable for submission of preliminary and final-for-construction engineered designs (note: for construction designs are required for NWB approvals).	N/A	No infrastructure change requested					
	53	See sections 5, 6 and 7 of this SIG for additional information requirements.							
Proposed Time Schedule	54	Provide the proposed start and completion dates for each phase of development (construction, operation, closure and post closure) and any anticipated periods of seasonal shut down.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Proposed Term of Licence	55	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
Annual Reporting	56	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:			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		
		Water related monitoring results;							
		Comparison of water quality and quantity monitoring data with the water quality and quantity predictions presented in the application;							
		A description of how the conditions in the NIRB project certificate related to the NWB mandate have been implemented;							
		Project changes under adaptive management;							
		Any actions taken in response to direction provided by the Inspector.							
Renewals and Amendments	57	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Attachment 1		

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	58	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.			2BE-HIG1722 WL Renewal w Amendment	2BE-HIG1722 WL Renewal w Amendment.pdf	Cover Letter; Attachment 1		

4.0 Project Description

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Description of Undertaking	1	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:	N/A	No proposed changes to the undertaking or any of the below					
		Raw water intake;							
		Water storage and treatment facilities including distribution systems;							
		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. Provide an outline of the drainage basin and drainage patterns within the RPA;							
		Location of receiving water bodies and drainage pathways;							
		Transportation access routes and details of water course crossings;							
		Locations of environmental monitoring sites;							
		Traditional water use and land use areas that may be impacted by the project;							
		Sewage treatment facilities;							
		Wastewater treatment area and discharge outlet locations;							
		Solid waste disposal areas and drainage patterns;							
		Incinerators							
		Landfarm (see the NWB's SIG for Landfarm and on-site storage of hydrocarbon contaminated soil (I3));							
		Waste rock piles (PAG and non-PAG);							
		Stockpiles;							
		Mill or processing plant							
		Tailings containment areas;							
		Laydown areas;							
		Quarries;							
		Hazardous waste disposal area;							
		Waste discharge distribution lines;							
		Fuel and chemical storage;							
		Explosives manufacturing and storage;							
		Abandoned and/or restored facilities;							
		Existing on site infrastructure							
		Others:							
Exploration Activities	2	Indicate the status of the exploration activity on the date of application as one of the following	N/A	No change. Current status is Care and Maintenance					
		Design							
		Under construction							
		In operation							
		Suspended							
		Care and maintenance	Y						
		Abandoned							
		Other:							
	3	If a change in the status of the exploration activity is expected, indicate the nature and anticipated date of such change.	N/A	No change. Current status is Care and Maintenance. Notification would be provided prior to status change.					

4.0 Project Description

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	4	Indicate the type (or proposed type) of exploration operation and provide a description of the method.	N/A	No change proposed					
		Reverse circulation to obtain bulk sample							
		Trenching							
		Conventional open pit							
		Decline							
		Conventional underground							
		Strip mining activity							
		Other: (describe)							
	5	Indicate the size (in tonnes) and number of samples that will be obtained. Indicate whether smaller samples are to be collected from different locations to form one large bulk sample and provide the location of each sample.	N/A	No change proposed					
	6	Indicate the present (or proposed) average rate of exploratory production from all mineralized sources in tonnes of ore / day.	N/A	No change proposed					
Milling/ Processing Activities	7	Provide a copy of the mill or processing plant flow sheet. Indicate the points of addition of the various reagents (chemicals) that will be used.	N/A	not applicable					
	8	Indicate the capacity of the mill	N/A	not applicable					
	9	Indicate the proposed rate of milling (tonnes/day)	N/A	not applicable					
	10	If applicable, indicate whether the (proposed) milling circuit is in whole or in part based on autogenous grinding.	N/A	not applicable					
Camp	11	Classify the camp as one of following:	N/A	No change proposed					
		Mobile (self propelled)							
		Temporary							
		Seasonally occupied							
		Permanent							
		Other: (describe)							
	12	Provide the design, maximum and average populations of the camp	N/A	No change proposed					
	13	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.	N/A	No change proposed					

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

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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 mining/industrial use and/or domestic use.	Y		2BE-HIG1722 WL Renewa	2BE-HIG1722 WL Renewa	Cover Letter; Attachment 1		
		Obtain water for domestic purposes							
		Obtain water for industrial purposes							
		drilling							
		mill or processing plant							
		ice road construction							
		other: (describe)							
		To cross a water course							
		To alter the flow of water, or store water							
		Flood control							
		To divert a watercourse							
		To modify the bed or bank of a watercourse							
		Others:							
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).	N/A	No change proposed					
	3	Provide a description of the source(s) of water and the location of the water source(s) as shown on a map.	N/A	No change proposed					
	4	Indicate the type of water source(s) as lake, river, well, or other type.	N/A	No change proposed					
	5	Provide a description of the quality of the water from the source(s) for each season (summer, fall, winter, spring).	N/A	No change proposed					
	6	Provide the capacity of the water source(s).	N/A	No change proposed					
	7	Provide the acquisition rate in cubic metres per day and cubic metres per year from each water source.	N/A	No change proposed					
	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.	N/A	No change proposed					
	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.	N/A	No change proposed					
	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).	N/A	No change proposed					
	11	Indicate the amount of water to be returned to the source.	N/A	No change proposed					
	12	Provide a description of the methods to ensure water returned to any source is of an acceptable quality.	N/A	No change proposed					
	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.	N/A	No change proposed					
	14	Indicate the quantities of water required for ice road construction and provide a description of the methods of ice road construction.	N/A	No change proposed					
	15	Provide a description of any measures to reduce water consumption.	N/A	No change proposed					
Water Storage	16	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.	N/A	No change proposed					
	17	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.	N/A	No change proposed					

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
	18	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.	N/A	No change proposed					
	19	Provide a plan showing representative cross sections of the reservoir.	N/A	No change proposed					
	20	Provide a description of the general condition of any existing water storage facility and provide an explanation if it is unsatisfactory.	N/A	No change proposed					
Water Distribution	21	Provide a description of water distribution systems (ie. piped water, trucked).	N/A	No change proposed					
	22	Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory.	N/A	No change proposed					
Watercourse Crossings	23	Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads and its purpose.	N/A	No change proposed					
	24	Provide a plan of any watercourse crossing showing cross section and elevations	N/A	No change proposed					
Watercourse Trainings	25	Provide a description of any watercourse trainings including channel and bank alterations, culverts, spurs, erosion control, and artificial accretion, and its purpose.	N/A	No change proposed					
Flood Control	26	Provide a description of any flood control structures and its purpose.	N/A	No change proposed					
Diversions	27	Provide a description of any diversions including ditches and dikes and its purpose.	N/A	No change proposed					
Alterations in flow	28	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.	N/A	No change proposed					
	29	Indicate whether the natural storage capacity or water level of any lake or pond will be altered.	N/A	No change proposed					
	30	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.	N/A	No change proposed					
Dewatering	31	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.	N/A	No change proposed					
Identification	32	Indicate whether there are any signs identifying past or present water intake, storage, distribution systems and/or waterwork structures presently in the project area.	N/A	No change proposed					
Modifications	33	Indicate whether any changes are planned for the water intake, storage, distribution systems and/or waterwork structures. If applicable, see item 36 of this section.	N/A	No change proposed					
Proposed Water Works	34	For each water work component provide the design plans stamped for construction. Design plans shall consider the following:	N/A	No change proposed					
		Name of the water body(s) affected.							
		Site photos, site map, or air photos of the location.							
		Description of the existing condition of the site (see Section 5)							
		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.							
		The design flood flow in cubic metres per second and its return period for the type of structure proposed.							
		An explanation of the rationale for the selected design flow flood and its return period.							
		Design drawings in plan and profile, drawn to scale, including all relevant dimensions.							

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
		Details of design parameters including seismic design criteria if applicable.							
		In water work timing restriction for fisheries.							
		Start and completion dates for construction.							
		Construction schedule and sequence taking into account any timing restrictions.							
		Construction methods.							
		Equipment to be used.							
		A description of the source, type, and composition of material used in construction.							
		The quantity of material to be either placed into or removed from the watercourse.							
		Sedimentation and erosion control measures.							
		Construction monitoring plans.							
		Construction quality assurance and quality control measures.							
		Assessment of impacts to fish and fish habitat (see item 43 of this Section).							
		Bank stabilization measures (including the size range of material if applicable).							
		Operation and maintenance plans including instrumentation, monitoring and inspection requirements.							
		Contingency plans.							
		Re-vegetation plans							
		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)							
		Abandonment and restoration plans (see items 45-46 of Section 3).							
	35	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).	N/A	No change proposed					
	36	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.	N/A	No change proposed					
	37	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.	N/A	No change proposed					
Predicted Environmental Effects and Proposed mitigation measures	38	Provide a description of the effects of water usage on the source from which water will be drawn including the potential for drawdown.	N/A	No change proposed. Total water usage will remain within that previously assessed and approved and does not impact lake water levels.					
	39	Provide a description of any expected changes in surface water flow or storage including changes downstream of the project.	N/A	No change proposed					
	40	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.	N/A	No change proposed					
	41	If the course of any channel is changed, provide a description of measures to maintain stream bed and bank stability.	N/A	No change proposed					

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
	42	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).	N/A	No change proposed					
	43	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).	N/A	No change proposed					
Fisheries	44	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 .	N/A	No change proposed. Total water useage will remain within that previously assessed and approved and does not impact lake water levels.					
		Potential effects on fish or fish habitat;							
		The area in square metres to be impacted;							
		Measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors);							
		Measures to avoid physical impacts on habitat;							
		Measures to maintain flows and fish passage;							
		Measures to avoid sedimentation;							
		Measures to avoid spills;							
Studies	45	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date, including:	N/A	No change proposed					
		Options analysis;							
		Water management plan including water balance analysis;							
		Fisheries assessment;							
		Construction plan and construction schedule for water works;							
		Implementation schedule for construction of works.							
		Construction quality assurance and quality control plans;							
		Operation and maintenance plan;							
		Preliminary abandonment and reclamation plans for existing and proposed facilities;							
		Final abandonment and reclamation plans for facilities to be closed;							
		Monitoring plans (See Section 8).							

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>)	N/A	No change proposed to waste types or forms. Greywater discharge quantity may increase and that this may correlate with a reduction in drill water discharge when approaching cumulative daily water use allotment.					
		Sewage							
		Grey water							
		Solid waste							
		Sludge							
		Hazardous waste including waste oil							
		Contaminated soil, snow, ice and/or water							
		Bulky items/ scrap metal							
		Mill or processing plant waste							
		Mine water							
		Discharge from dewatered areas							
		Other: (describe)							
Waste Disposal: Quality and Quantity	2	For each type of waste, provide the composition, chemical characteristics and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	N/A	No change proposed					
	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.	N/A	No change proposed					
	4	Provide a description of any measures to minimize the production of wastes.	N/A	No change proposed					
Identification	5	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 project area.	N/A	No change proposed					
Modifications	6	Indicate whether any changes are planned for the wastewater, solid waste, or any other waste facilities. If applicable, see item 7 of this Section.	N/A	No change proposed					
Proposed waste facilities	7	For each proposed waste facility provide design plans. The designs shall consider the following:	N/A	No change proposed					
		Site photos, site map, or air photos of the site.							
		Description of the existing condition of the site (see Section 5).							
		A description of the types of waste entering the facility (if applicable, provide a description of the source, type, and quantity of the waste);							
		The concentration of waste entering the facility;							
		The geochemical characterization of waste entering the facility, where applicable;							
		Distance of the facility from watercourses and fish bearing waters							
		All sources of seepage encountered near watercourse and fish bearing waters as well as the volumes (m3/day) and direction of any seepage;							
		Existing and proposed drainage modifications.							
		Details of retaining structures.							
		Level of treatment (primary, secondary or tertiary).							
		By products of treatment which may require further treatment, characterization, handling and disposal.							
		Capacity and retention time of the facility;							
		Identification of final discharge point (last point of control).							
		Method and type of discharge (seasonal, annual, continuous) including details of all decant, siphon mechanisms etc.							

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
		Estimated rates for discharge.							
		Restrictions on discharge.							
		Discharge effluent criteria proposed;							
		Receiving water quality objectives.							
		Capacity of the receiving environment;							
		Details regarding direction and path of wastewater flow from the area or infrastructure.							
		Design drawings in plan and profile, drawn to scale, including all relevant dimensions.							
		Details of design parameters including seismic design if applicable.							
		Start and completion dates for construction.							
		Construction schedule and sequence taking into account any timing restrictions.							
		Construction methods.							
		Equipment to be used.							
		A description of the source, type, and composition of the material to be used in construction.							
		Construction monitoring plans.							
		Construction quality assurance and quality control measures.							
		Operation and maintenance plans.							
		Contingency plans.							
		Abandonment and restoration plans (see items 45-46 of Section 3).							
	8	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).	N/A	No change proposed					
	9	Provide an assessment of alternatives for any proposed tailings containment facility.	N/A	No change proposed					
	10	Provide a description of the general condition of any existing waste facilities and provide an explanation if it is unsatisfactory.	N/A	No change proposed					
Predicted Environmental Effects and Proposed mitigation measures	11	Provide detailed treatment plans for discharges from any tailings containment area, attenuation pond, reclaim pond, sewage disposal area, sumps or dewatered area. Water treatment plans should include estimates of treatment efficiency for each parameter of concern and a description of pH adjustment methods.	N/A	No change proposed					
	12	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.	N/A	No change proposed					
	13	If waste is expected to infiltrate into the ground, provide a description of the sub-surface soil compositions and provide information on groundwater elevations for the project area. Also provide the proximity between the proposed waste disposal system and the groundwater elevation.	N/A	No change proposed					
	14	Provide detailed contingency plans for the treatment of turbid water during dewatering activities and/or increased suspended solids during any rewatering activities.	N/A	No change proposed					
Operations and Maintenance	15	Provide operation and maintenance plans for any tailings containment areas.	N/A	No change proposed					
	16	If the project includes sewage and/or solid waste disposal, 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".	N/A	No change proposed					

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
Hazardous Materials	17	Provide a description of the type and quantities of drill additives, mill reagents, petroleum products, chemicals and/or hazardous materials on site. (MSDS sheets are not required to be submitted as part of the water licence application).	N/A	No change proposed					
	18	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	N/A	No change proposed					
Emergency Response and Spill Contingency	19	Provide designs for the fuel tank farm facilities including a description of the nearest water bodies. Provide an evaluation of impacts and mitigation measures in case of a fuel spill.	N/A	No change proposed					
	20	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.	N/A	No change proposed					
	21	Plan(s) shall address phases of the project including construction, operation, and care & maintenance.	N/A	No change proposed					
	22	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.	N/A	No change proposed					
Studies	23	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including design and management decisions. Studies, reports and plans may include:	N/A	No change proposed					
		Options analysis;							
		Wastewater treatment assessment;							
		Geotechnical and geothermal assessment;							
		Snow drift assessment;							
		Weather data for purposes of design;							
		Wastewater management;							
		Solid waste management;							
		Contaminated soil and/or water management							
		Quarry Management;							
		Hazardous waste management;							
		Operation and maintenance plan;							
		Spill contingency and emergency response plans;							
		Construction plan and construction schedule for waste management infrastructure;							
		Implementation schedule for construction of works;							
		Preliminary abandonment and reclamation plans for existing and proposed facilities;							
		Final abandonment and reclamation plans for facilities to be closed;							
		Monitoring plans (see Section 8);							

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