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1.0 Introduction

This Supplemental Information Guideline (SIG) is for applicants seeking a water licence for water use, waste disposal, works and associated activities for Mine Development which is an undertaking classified as Mining and Milling in accordance with the *Northwest Territories Water Regulations* (NTWR or Regulations).

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

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

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

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

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

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

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

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

Following submission of a water licence application, the NWB will determine whether the application is complete. If the NWB determines that an application is materially incomplete, meaning that items 1 to 6 of Section 2: Water Licence Application Package are missing, the applicant will be informed by the NWB that their application has been rejected. In other cases, NWB staff will correspond with the applicant to resolve deficiencies before proceeding.

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

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

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

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

2.0 Water Licence Application Package

Provide a complete list of all documents that comprise the water licence application package using the checklist provided below. If a specific document is submitted as part of your water licence application, but is not listed below, provide a brief description in the cells provided.

No.	Check	List of Documents that Comprise the Water Licence Application Package
1	X	<i>General Water Licence Application Form</i> (see the NWB's <i>Guide 4: Completing and Submitting a Water Licence Application for a New Licence</i>) or <i>Application for Water Licence Amendment Form</i> , if appropriate (see NWB's <i>Guide 7: Licensee Requirements Following the Issuance of a Water Licence</i>). ^b
2	X	Completed Supplemental Information Guideline (SIG or Guideline). ^{a, b}
3	X	Executive summary in english. ^{b, h}
4	X	Translated executive summary in appropriate language and dialect. ^b
5	X	Application fee. ^b
6	<input type="checkbox"/>	Water use fee. ^b (paid June 2012)
7	X	Project Description.
8	X	Abandonment and Restoration Plan in accordance with Section 3, Item 21.
9	X	Operations and Maintenance Manual in accordance with Section 7, Item 2 (a).
10	X	Emergency Response and Spill Contingency Plan in accordance with Section 7, Item 2 (c).
11	<input type="checkbox"/>	Other:
12	<input type="checkbox"/>	Other:
13	<input type="checkbox"/>	Other:
14	<input type="checkbox"/>	Other:
15	<input type="checkbox"/>	Other:
16	<input type="checkbox"/>	Other:
17	<input type="checkbox"/>	Other:
18	<input type="checkbox"/>	Other:
19	<input type="checkbox"/>	Other:
20	<input type="checkbox"/>	Other:
21	<input type="checkbox"/>	Other:

Notes:

- a The SIG applies to applicants seeking a new water licence or an amendment to an existing water licence. The SIG does not apply to applicants seeking a strict water licence renewal.
- b Application packages that do not include items 1 to 6 listed above will be returned to the applicant as incomplete with a request for the deficient information.
- c 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.
- d Information between all documents that make up the application package must be consistent and must be accurately cross referenced.
- e The application package must distinguish between recommendations or options and actual commitments to chosen alternatives.
- f Electronic documents must be less than 3MB and named according to the document title. For additional guidance regarding the submission of electronic documentation, see the NWB's Guide 6: Electronic Documentation: Submissions and Registry.

The applicant, where practical, may combine components of the information requested in the SIG into more concise plans to provide clarity and eliminate duplication. If this approach is taken, 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.
- g
- h 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).

3.0 Water Licence Application Form Information Requirements

No.	Section	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 <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	NIRB Guideline Section No.
1	Applicant	Provide the full name of the applicant and contact person including contact information (position, phone number, address, fax number and email address).	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
2	Applicant Representative	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). Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
3	Name of Project	Provide the name of the project including the name of the project location.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
4	Location of Undertaking	Provide coordinates of the project extents. Provide location by Latitude and Longitude (degrees, minutes and seconds). Provide location by UTM coordinates, if available. Provide the distances to the nearest communities. Indicate whether the drainage basin, in which the project is located, is shared with any other jurisdiction. If applicable, indicate which jurisdiction.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
			Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1	Vol 11 - 2.1			
			Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1	Vol 11 - 2.1			
			Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1	Vol 11 - 2.1; other jurisdiction is not applicable			
5	Map	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	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1 and 121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 4.0			
6	Nature of Interest in the Land	Provide the nature of the interest in the land associated with the proposed undertaking, including: 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; The date or expected date of issuance of any authorization and the date of expiry. 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.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
7	NPC Determination	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	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1	Water license application form Block 7			

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8	NIRB Determination	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: Written confirmation from NIRB that the project proposal does not require screening; NIRB's screening determination; If a review is required, NIRB's recommendation to the Minister regarding the type of review; If a review is required, the Minister's written decision regarding the review of the development proposal; If a review is required, NIRB's project certificate. List of activities requested for exception in accordance with NLCA s. 12.10.2. 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.	Y				WITH FEIS		
9	Description of Undertaking	See Section 4 of this SIG for specific requirements.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1 and 121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 4.0			
10	Options (Alternatives)	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part1 and 121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 4.0			
11	Other Applicable Supplemental Information Guidelines	Indicate whether any other Supplemental Information Guidelines apply to the undertaking including the following: Hydrostatic testing; Tannery; Tourist / remote camp; Landfarm and on-site storage of hydrocarbon contaminated soil; Onshore oil and gas exploration drilling; Mineral exploration/ remote camp; Advanced exploration; Mine development; Municipal; General Water Works; Power.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
12	Water Use	See Section 6 of this SIG for specific requirements.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 6.0			
13	Water Use: Quality and Quantity	See Section 6 of this SIG for specific requirements.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 6.0			
14	Waste Disposal	See Section 7 of this SIG for specific requirements.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 7.0			
15	Waste Disposal: Quality and Quantity	See Section 7 of this SIG for specific requirements.	Y	DEIS, December 2013	121231-12MN036-Vol11_TypeA_Water_License_Part2	Vol 11 - 7.0			

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16	Other Authorizations	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.	To be provided in the <u>General Water Licence Application Form</u> or the <u>Application for Water Licence Amendment Form</u> , whichever is applicable.						
		Provide a timetable for filing the appropriate plans and procedures required by other authorities.	Y				WITH FEIS		
		Provide a description of how those authorizations may affect the NWB's water licensing process.	Y				WITH FEIS		
		Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works if applicable.	Y	DEIS, December 2013	121231-12MN036-Vol12_Other_Approvals_Part 1 to Part 4 and 121231-12MN036-Vol12_Appendices_Part1 to Part3	Vol 12			
		Indicate whether the applicant/ licensee holds any existing water licences. If applicable, provide the licence number and expiry date of any existing water licences.	Y	DEIS, December 2013	121231-12MN036-Vol1_Appendices	Vol 1, appendix V1-3			
17	Predicted Environmental Effect and Proposed Mitigation Measures	Identify the potential effect of water use and waste disposal on the following components: Groundwater and Surface Water including: Changes in flow (including seasonal rate of flow); Quantity; Quality; Land including: Geologic structure change; Soil contamination; Compaction, settling and erosion; Alteration of the permafrost regime; Riparian zone loss; Vegetation including: Species composition and abundance; Non-native species introduction; Accumulation of toxins and heavy metals (in relation to remediation objectives for closure); Aquatic Ecosystems including: Fish; Benthic invertebrates; Plankton. See Sections 5, 6 and 7 of this SIG for specific information requirements.	Y	DEIS, December 2013	121231-12MN036-Vol4_Atmospheric_Environment_Part1 to Part3 and 121231-12MN036-Vol4_Appenedices_Part1 to Part13 121231-12MN036-Vol5_Terrestrial_Environment_Part_1 to Part_43 and 121231-12MN036-Vol5_Appendices_Part1 to Part53 121231-12MN036-Vol6_Freshwater_Environment_Part1 to Part11 and 121231-12MN036-Vol6_Appendices_Part1 to Paar42 121231-12MN036-Vol8_Human_Environment_Part1 to Part13 and 121231-12MN036-Vol8_Human_Environment_Part1 to Part10	Vol 4 - all (atmosphere) Volume 5 - all (terrestrial environment) Vol 6 - all (freshwater environment) Vol 8 - all (Social environment)			

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18	Existing and Other User Water Rights	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 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. Provide a description of any potential effects of the project on the persons or properties identified above. Provide a description of the measures incorporated into the project design to mitigate effects of the project on the persons or properties identified above. Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	Y	DEIS, December 2013	121231-12MN036-Vol3_Public_Consultation_TK	Vol 3 - 4.0			
19	Inuit Water Rights	Provide a description of any potential effects of the project on the quality, quantity, or flow of waters flowing through Inuit Owned Land (IOL). 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. 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.	Y	DEIS, December 2013		baseline water quantity and quality information, potential effects and mitigation measures presented in Vol 6; Compensation agreements, or status, will included in FEIS	WITH FEIS		
20	Consultation	Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.	Y	DEIS, December 2013	121231-12MN036-Vol3_Public_Consultation_TK	Vol 3 - 2.0, 3.0			

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21	Security	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: 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.	Y				FEIS		
	Abandonment and Restoration	Provide a separate stand alone Abandonment and Restoration Plan for site facilities. The electronic version of the plan must be less than 3MB and named accordingly. Please see the NWB's <i>Guide 6: Electronic Documentation - Submissions and Registry</i> for more information. Provide a list and description of any existing abandoned or restored site facilities.	Y	DEIS, December 2013	121231-12MN036-Vol10_Management_Plans_Part18	Vol 10 - 29			
22	Financial Information	Provide a statement of financial responsibility. 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. 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.	Y	DEIS, December 2013	121231-12MN036-Vol11_Appendices_Part1	Vol 11 - Appendix 3			
23	Studies and Designs	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date. Attach copies if applicable.	To be provided in Section 2 of this SIG.						
24	Proposed Time Schedule	Provide the proposed start and completion dates for each phase of development (construction, operation, closure) and any anticipated periods of seasonal shut down.	To be provided in the <i>General Water Licence Application Form</i> or the <i>Application for Water Licence Amendment Form</i> , whichever is applicable.						
25	Proposed Term of Licence	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.	To be provided in the <i>General Water Licence Application Form</i> or the <i>Application for Water Licence Amendment Form</i> , whichever is applicable.						
26	Annual Reporting	If not using the NWB's <i>Standardized Form for Annual Reporting</i> , 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: Water related monitoring results; A description of how the conditions in any NIRB screening decision related to the NWB mandate have been implemented; Any actions taken in response to direction provided by the Inspector.	Y				WITH FEIS		
27	Renewals and Amendments	If the application is for a renewal and/or amendment of an existing licence provide the water licence number and the date of water licence expiry.	To be provided in the <i>General Water Licence Application Form</i> or the <i>Application for Water Licence Amendment Form</i> , whichever is applicable.						

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		If the application is for a renewal and/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.	N/A						