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NUNAVUT WATER BOARD

NUNAVUT IMALIRIYIN KATIMAYINGI
OFFICE DES EAUX DU NUNAVUT

Municipal Supplemental Information Guideline (SIG) for Municipal Undertakings (MU1)

Date of Issuance: February 2010

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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 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	NWB Concordance Assessment
Minimum Application Requirements	1	General Water Licence Application Form (see the NWB's Guide 4: Completing and Submitting a Water Licence Application for a New Licence) or Application for Water Licence Amendment Form, if appropriate (see NWB's Guide 7: Licensee Requirements Following the Issuance of a Water Licence).	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Attach-01-NWB-Application-Form	Attachment 1	
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y		NWB Water Licence Amendment and Renewal Application (City of Iqaluit, October 2025)	251223-3AM-IQA---- Attach-04-SIG-Concordance	Attachment 4	
	3	Executive summary in english.	Y		NWB Water Licence Amendment and Renewal Application (City of Iqaluit, October 2025)	251223-3AM-IQA---- Applic-Main-Doc	Executive Summary	
	4	Translated executive summary in appropriate language and dialect.	Y		NWB Water Licence Amendment and Renewal Application (City of Iqaluit, October 2025)	251223-3AM-IQA---- Applic-Main-Doc	ᐃᑦᓂᕈᖅ Résumé	
	5	Application fee.	Y				Cheque mailed to the	
	6	Water use fee.	Y				NWB in Gjoa Haven	
	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		Iqaluit_Submission-NWB-MU1-Municipal-Development-SIG (October 2025)	Iqaluit_Submission-NWB-MU1-Municipal-Development-SIG	NA	

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 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
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		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Attach-01-NWB-Application-Form	Section 1		
Applicant Representative	2	Provide the name and contact information of any party submitting the application on behalf of the applicant (including position, phone number, address, fax number and email address).	Y		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Attach-01-NWB-Application-Form	Section 2		
	3	Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	Y						
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		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.2		
	5	Indicate whether the project is for a camp or lodge and provide the name of the camp or lodge.	NA	Project is municipal infrastructure					
	6	Provide the current population of the community or the number of people that the camp or lodge can accommodate.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.1		
	7	Provide the estimated population growth rate of the community over the next five (5) years.	Y						
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		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 2, Table 2.1		
		Provide location by Latitude and Longitude.	Y						
		Provide location by UTM coordinates, if available.	Y						
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		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Attach-08-LTWP-Site-Plans	All		
Nature of Interest in the Land	10	Provide the nature of the interest in the land associated with the proposed undertaking, including:	NA	Entirely within municipal lands					
		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						
		The date or expected date of issuance of any authorization and the date of expiry.	NA						
	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						

3.0 General Water Licence Application

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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		NPC File No. 150798 [Long Term Water Project (LTWP)] (NPC, April 25, 2025)	251223-3AM-IQA----Attach-02-NPC-Determination	Attachment 03		
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		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.4	NIRB screening concurrent with this submission in coordinated process	
		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;							
	14	Provide a list of activities requested for exception in accordance with NLCA s. 12.10.2;	NA						
	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						
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						
	b	Tannery	NA						
	c	Tourist / remote camp	NA						
	d	Landfarm and on-site storage of hydrocarbon contaminated soil	NA						
	e	Onshore oil and gas exploration drilling	NA						
	f	Mineral exploration/ remote camp	NA						
	g	Advanced exploration	NA						
	h	Mine development	NA						
	i	Municipal	Y						
	j	General Water Works	NA						
	l	Power	NA						
Options	18	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 3.3.2		
Water Use	19	See section 6 of this SIG for specific requirements							
Water Use: Quality and Quantity	20	See section 6 of this SIG for specific requirements							
Waste Disposal	21	See section 7 of this SIG for specific requirements							
Waste Disposal: Quality and Quantity	22	See section 7 of this SIG for specific requirements							

3.0 General Water Licence Application

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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.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.4		
	24	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works if applicable.	NA						
	25	Provide a timetable for filing the appropriate plans and procedures required by government parties.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.4		
	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		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.1		
Predicted Environmental Effects and Proposed Mitigation Measures	27	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)	Y		Qikiqtaalik Lake Water Balance for Withdrawals (Tetra Tech, Jul 2025)	251223-3AM-IQA----Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 9		
		quantity	Y		Desktop Study of Discharge in Apex River (Tetra Tech, Jul 2025)	251223-3AM-IQA----Attach-33-Apex-River-Water-Withdrawal-Study	Section 7		
		quality	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----Attach-29-Env-Screening-Rpt	Sections 2.1.5 and 3.2.5		
		Land including:							
		geologic structure change	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----Attach-29-Env-Screening-Rpt	Sections 3.2.2 and 3.2.3		
		soil contamination	Y		Enhanced Phase I Environmental Site Assessment (Arcadis, Apr 2024)	251223-3AM-IQA----Attach-34-Phase-I-ESA	All		
		compaction, settling and erosion	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----Attach-29-Env-Screening-Rpt	Sections 2.1.2, 2.1.7, 2.1.9 and 3.2.2		
		alteration of the permafrost regime	Y				Section 2.1.3		
		riparian zone loss	Y				Section 2.2.1		
		Vegetation including:							

3.0 General Water Licence Application

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Predicted Environmental Effects and Proposed Mitigation Measures		species composition and abundance	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)		Section 3.2.13		
		non-native species introduction	NA	Not applicable in this project					
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)	NA						
		Aquatic Ecosystems including:							
		fish	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA--- Attach-29-Env-Screening-Rpt	Section 3.2.16		
		benthic invertebrates	Y				Section 3.2.16		
		plankton	Y				Section 3.2.16		
	28	Identify effects separately for each project phase.	Y				Section 3		
	29	Provide a description of the methods used to predict effects.	Y				Section 3.1		
	30	Provide a cumulative effects assement 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.	Y				Section 4		
	31	Identify effects that may arise from accidental events or malfunctions.	Y				Section 3.2.4.2		
	32	Provide a description of all proposed mitigation, management and monitoring programs to mitigate adverse impacts.	Y				Section 3		
	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.	Y				Section 3.2.17		
	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 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.	Y		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA--- Attach-01-NWB-Application-Form	Section 18		
	36	Provide a description of any potential effects of the project on the persons or properties identified in item 35 of this section.	Y						
	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.	Y						
	38	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	Y						

3.0 General Water Licence Application

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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).	Y		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Attach-01-NWB-Application-Form	Section 19		
	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.	Y						
	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	Municipal infrastructure on municipal lands. The team has engaged Inuit organizations					
Consultation	42	Provide a summary of any consultation meetings including when the meetings were held, where and with whom.	Y		Consultation Report - Iqaluit Long-Term Water Program, Colliers, Jul 2025	251223-3AM-IQA---- Attach-06-Consultation-Report	All		
	43	Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.	Y						
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.	Y		West 40 Landfill: Iqaluit Solid Waste Management Plan West 40 Landfill Decommissioning Technical Memorandum, AECOM, Jan 2014 North 40 Landfill: Closure and Decommissioning Plan , Dillon Consulting, Aug 2022	https://public.nwb-open.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-IQA1626/1%20APPLICATION/2012%20Renewal/2014/140131%203AM-IQA0612%20Decommissioning%20Plan%202014%20FINAL-ILAE.pdf North 40 Landfill:	Section 4		
	46	Provide a description of all remediation plans and remediation objectives.	Y				Section 5		
	47	Provide a list and description of any existing abandoned or restored site facilities.	NA	There are no existing abandoned or restored site facilities.					
Financial Information	48	Indicate the status of the project within the Government of Nunavut Community Government Services (GN-CGS) capital planning process.	NA	This project is funded by Gov't of Canada not GN-CGWS					
Studies and Designs	49	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including: different format than sig G -							
		Design rational, design requirements, design criteria, design parameters, design standards/analysis /method;	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Sections 1.4, 3–7		
		Design assumptions and the limitations associated with such design assumptions;	Y				Section 6.5		
		The inclusion of clear, definable engineering qualifiers with all design drawings and reports;	Y			251223-3AM-IQA---- Attach-10-LTWP-Prelim-Design-Rpt-Append-A-DWGs	All		

3.0 General Water Licence Application

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Studies and Designs		Site specific data and analysis to support the design and management decisions made;	Y		Topographic Survey Report (Arcadis, Jan 2024)	251223-3AM-IQA---- Attach-11-LTWP-Prelim-Design-Rpt-Append-B-Survey-Rpt	All		
					Preliminary Geotechnical Investigation Report - Draft (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing			
					Grandular Material Requirements and Local Sources Report (Arcadis, May 2025)	251223-3AM-IQA---- Attach-28-Aggregate-Sources-Assessment-Rpt			
					Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt			
					Fish & Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt			
					Archaeological Impact Assessment and Mitigation (AECOM, Mar 2025)	251223-3AM-IQA---- Attach-31-Archaeology Assessment			
		Materials that appropriately delineate the particulars of a design or plan.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Sections 6.3.2 and 9.5, 6.3.2 Appendix H		
					Geosynthetic Liner selection - City of Iqaluit Long Term Water (Arcadis, Oct 2023)	251223-3AM-IQA---- Attach-17-LTWP-Prelim-Design-Rpt-Append-H-			
	50	Provide construction methods and procedures regarding how infrastructure will be put in place on-site.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 9		
	51	Provide a timetable for submission of preliminary and final-for-construction engineered designs (note: for construction designs are required for NWB approvals).	Y		Preliminary Design Report (Arcadis Canada Inc., September 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Sections 11 and 12		
	52	See sections 5, 6 and 7 of this SIG for addiional 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		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Attach-01-NWB-Application-Form	Section 24		
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				Section 25		

3.0 General Water Licence Application

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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:	Y	No changes to the current annual reporting template is proposed	Water Licence 3AM-IQA1626 - 2024 Annual Water Licence Report (City of Iqaluit, May 2, 2025)	https://public.nwb-oen.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-IQA1626/3%20TECH/B%20GENERAL/2%20ANNUAL%20RPT/2024/			
		Water related monitoring results;	Y				Parts A, B, D, E and F and Appendix B		
		Comparison of water quality and quantity monitoring data with the water quality and quantity predictions presented in the application;	NA	Comparisons to predictions not completed					
		A description of how any conditions in the NIRB screening decision related to the NWB mandate have been implemented	NA	Not provided in the 2024 annual report					
		Project changes under adaptive management;	Y				Part H		
		Any actions taken in response to direction provided by the Inspector	Y				Part M		
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.	Y		Application for Water Licence Amendment (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Attach-01-NWB-Application-Form	Section 1		
	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.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Applic-Main-Doc	Section 1.5, Attachment 7a, 7b, and 7c		

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:							
	a	Raw water intake;	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Sections 4 and 5		
	b	Water storage and treatment facilities including distribution systems;	Y				Sections 6 and 7		
	c	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		Qikiqtaalik Lake Water Balance for Withdrawals (Tetra Tech, Jul 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 8		
					Desktop Study of Discharge in Apex River (Tetra Tech, Jul 2025)	251223-3AM-IQA---- Attach-33-Apex-River-Water-Withdrawal-Study	Section 5		
	d	Location of receiving water bodies and drainage pathways;	Y		Physical, Biological and Socioeconomic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2.1.4 and 3.2.4		
	e	Transportation access routes and details of water course crossings;	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 4.5		
	f	Locations of environmental monitoring sites;	N					To be determined and outlined in the construction contract	
	g	Traditional water use and land use areas that may be impacted by the project;	Y		Archaeological Impact Assessment and Mitigation (AECOM, Mar 2025)	251223-3AM-IQA---- Attach-31-Archaeology Assessment	All		
	h	Wastewater collection, disposal, treatment and discharge facilities (lagoon, wetland, honey bag pit, mechanical system, combination, other);	NA	No new waste facilities proposed with LTWP					
	i	Solid waste disposal areas and drainage patterns;							
	j	Incinerators;							
	k	Landfarm (see the NWB's SIG for Landfarm and on-site storage of hydrocarbon contaminated soil (I3));							
	l	Quarries;	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-09-LTWP-Prelim-Design-Rpt	Section 9.5		
	m	Hazardous waste disposal area;	NA	No new waste facilities proposed with LTWP					
	n	Waste discharge distribution lines;							
	o	Fuel and chemical storage;							
	p	Abandoned and/or restored facilities;							
	q	Existing on site infrastructure;	NA	Existing infrastructure is already approved under the current licence.					
	r	Others:	NA						

5.0 Baseline

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Environmental Setting	1	Provide a description of the regional and local setting.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2		
	2	Provide a description of the site conditions including:							
	a	location	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2		
	b	topography	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 1.3		
	c	geologic conditions	Y		Preliminary Geotechnical Report (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Figure 2		
	d	hydrologic characteristics	Y		Qikiqtalik Lake Water Balance with Withdrawals (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtalik-Water-Withdrawal-Study	Sections 1.3 and 5		
	e	climate conditions and trends	Y		Qikiqtalik Lake Water Balance with Withdrawals (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtalik-Water-Withdrawal-Study	Section 5		
	f	seismicity	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2.1.6		
	g	permafrost conditions	Y		Preliminary Geotechnical Report (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Section 6.2		
	3	Provide a description of the regional and local surface water regime and drainage area and outline the drainage basin on an attached map.	Y		Qikiqtalik Lake Water Balance with Withdrawals (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtalik-Water-Withdrawal-Study	Section 5 and Figure 5.1		
	4	Provide a description of the groundwater regime.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2.1.4		
	5	Provide baseline data and an evaluation of baseline data describing surface and groundwater quality in the project area (physical, chemical, and biological characteristics).	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2.1.4 and 2.1.5		
	6	Provide a description of the usual break-up and freeze-up periods.	Y		Memo Reference: Iqaluit Water License 3AM-IQA1626 Renewal Application - Request for Data (Stantec, Aug 2025).	251223-3AN-IQA---- Attach-34-Historical-Streamflow-Statistics-Apex-River	all		
	7	Provide a description of streambed material, streambank material, and streambank vegetation,	Y		Fish and Fish Habitat Report (Arcadis, July2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Sections 3.2.3.1 and 3.2.4		
	8	Indicate the slope of the banks of any water course affected by the application	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-10-LTWP-Prelim-Design-Rpt-Append-A-DWGs 251223-3AM-IQA---- Attach-11-LTWP-Prelim-Design-Rpt-Append-B-Survey-Rpt	Appendices A and B		
	9	Provide a decription of the meander pattern for any channel affected by the application	NA	No meander pattern, flow patterns are governed by bedrock topography					
	10	Provide the following streamflow data in cubic metres per second for each watercourse included in the application:							
	a	mean annual flow;	Y		Memo Reference: Iqaluit Water License 3AM-IQA1626 Renewal Application - Request for Data (Stantec, Aug 2025).	251223-3AN-IQA---- Attach-34-Historical-Streamflow-Statistics-Apex-River	Table 1		
	b	mean summer flow;	Y						
	c	minimum summer flow;	Y						
	d	minimum annual flow;	Y						
	e	mean annual flood;	Y						
	f	maximum summer flood;	Y						
	g	mean summer flood;	Y						
	11	Provide bathymetric information for water bodies affected by the application.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 2.1.10		
	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)	Y		Preliminary Geotechnical Investigation Report (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Appendices A and B		
	a	Landfills	NA	No changes to the existing approved facilities					
	b	Landfarms	NA	The City does not operate any landfarms					
	c	Roads	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-09-LTWP-Prelim-Design-Rpt	Section 9.1		
	d	Quarries or borrow pits	Y		Granular Material Requirements and Local Sources Report (Arcadis, May 2025)	251223-3AM-IQA---- Attach-28-Aggregate-Sources-Assessment-Rpt	Section 3		
	e	Hazardous waste facilities	NA	The City does not operate a hazardous waste facility					
	f	Wastewater treatment facilities	NA	No changes to the existing approved facilities					

5.0 Baseline

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
	13	Provide results of any assessment of the permeability of any faults and taliks beneath water bodies.	NA	Not applicable to this project					
	14	Provide a description of the historical uses of the waters affected by the project.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----- Attach-29-Env-Screening-Rpt	Section 2.3.3		
	15	Provide a description of any traditional uses of water in the project area.	Y				Section 2.2.3		
	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.	Y				Section 2.3.3		
	17	Provide a description of the results of any consultation with Elders regarding the collection of baseline data.	Y		Consultation Report, Iqaluit Long Term Water Project (Colliers, Jul 2025)	251223-3AM-IQA----- Attach-06-Consultation-Report	Section 3		
	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).	Y		Preliminary Geotechnical Investigation Report (Arcadis, Aug 2025)	251223-3AM-IQA----- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Section 6.3.7		
Fisheries	19	The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm . Indicate whether the applicant has consulted with DFO and provide the results of any consultation.	Y		Apex River Withdrawal Letter Dated March 25, 2024, DFO Ref# 23-HCAA-02636 (DFO, March 25, 2025)	251223-3AM-IQA----- Attach-03-DFO-Advice	All		
	20	If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area	Y		Fish and Fish Habitat Assessment, Long Term Water Project, (Arcadis, July 2025).	251223-3AM-IQA----- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 3.2		
	21	If applicable, provide a fisheries assessment including:			Fish and Fish Habitat Assessment, Long Term Water Project, (Arcadis, July 2025).	251223-3AM-IQA----- Attach-30-LTWP-Fish&Fish-Habitat-Rpt			
	a	Detailed area description (including photographic record);	Y				Section 3.2 + Appendix A Photo Log		
	b	Description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble);	Y				Section 3.2.3		
	c	Presence of sensitive habitats (spawning, migration corridors etc.);	Y				Section 5		
	d	Description of aquatic and riparian vegetation;	Y				Section 3.2.3		
	e	Fish community and lifestage present;	Y				Section 3.2.1		
	f	Depth and width of watercourse;	Y				Section 3.2.4		
	g	Max/min water flows, currents, tides;	Y				Section 3.2.4		
	h	Turbidity and sediment loads (total suspended solids);	Y				Section 3.2.4		
	i	Sport, commercial, subsistence fishery present.	Y				Section 2.1		
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:							
	a	Geotechnical studies;	Y		Preliminary Geotechnical Investigation Report (Arcadis, Aug 2025)	251223-3AM-IQA----- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Section 5		
	b	Geochemical studies;	Y				Section 4		
	c	Water quality studies;	Y		Fish and Fish Habitat Assessment (Arcadis, July 2025)	251223-3AM-IQA----- Attach-30-LTWP-Fish&Fish-Habitat-Rpt			
	d	Hydrological and hydrogeological studies;	Y		Qikiqtalik Lake Water Balance with Withdrawals (Tetra Tech, Jul 24, 2025)	251223-3AM-IQA----- Attach-32-Lake-Qikiqtalik-Water-Withdrawal-Study	Section 5.2		
					Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----- Attach-29-Env-Screening-Rpt	Section 2.1.4		
	e	Traditional use studies;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----- Attach-29-Env-Screening-Rpt	Section 2.3		
					Consultation Report - Iqaluit Long Term Water Project, (Colliers, Jul 2025)	251223-3AM-IQA----- Attach-06-Consultation-Report	Sections 2 and 3		
	f	Aquatic studies;	Y		Fish and Fish Habitat Assessment (Arcadis, Jul 2025)	251223-3AM-IQA----- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	All		
	g	Meteorological studies;	Y		Qikiqtalik Lake Water Balance Water Balance with Withdrawals Final Report, (Tetra Tech July 24, 2025).	251223-3AM-IQA----- Attach-32-Lake-Qikiqtalik-Water-Withdrawal-Study	Sections 6 and 7		
					Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA----- Attach-29-Env-Screening-Rpt	Section 2.1.6		

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)							
	a	Obtain water for domestic purposes	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Applic-Main-Doc	Section 3.1		
	b	Obtain water for industrial purposes	Y						
	c	To cross a water course	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-09-LTWP-Prelim-Design-Rpt	Section 4.3.7		
	d	To alter the flow of water, or store water	Y				Section 5		
	e	Flood control	NA	Flood control is not a consideration in the design of the LTWP					
	f	To divert a watercourse	Y				Section 5		
	g	To modify the bed or bank of a watercourse	Y				Section 5		
	h	Others:	NA						
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).	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 2		
	3	Provide a description of the source(s) of water and the location of the water source(s) as shown on a map.	Y		Fish and Fish Habitat Report (Arcadis, July 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 3.2.2		
					Site Plans (Arcadis, 2022)	251223-3AM-IQA---- Attach-08-LTWP-Site-Plans			
	4	Indicate the type of water source(s) as lake, river, well, or other type.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 1		
	5	Provide a description of the quality of the water from the source(s) for each season (summer, fall, winter, spring).	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 2.1.5		
	6	Provide the capacity of the water source(s).	Y		Qikiqtaalik Lake Water Balance with Withdrawals (Tetra Tech, Jul 24, 2025).	251223-3AM-IQA---- Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 5.4		
					Desktop Study of Discharge in Apex River (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-33-Apex-River-Water-Withdrawal-Study	Section 5		
	7	Provide the acquisition rate in cubic metres per day and cubic metres per year from each water source.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 3		
	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.	Y				Section 4		
	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.	Y				Section 1		
	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).	Y				Section 3		
	11	Indicate the amount of water to be returned to the source(s).	NA	No water returned to source					
	12	Provide a description of the methods to ensure water returned to any source is of an acceptable quality.	NA						

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

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Water Use: Quality and Quantity Water Intake	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 hydrostatic testing programs					
	14	Provide a description of any measures to reduce water consumption.	Y		Cty of Iqaluit website	https://iqaluit.ca/news/reminder-water-consumption-conservation%E2%80%93water-wise-tips			
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.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 7		
	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.	Y		Geosynthetic Liner Selection (Arcadis, Oct 2023)	251223-3AM-IQA---- Attach-17-LTWP-Prelim-Design-Rpt- Append-H-Liner-Memo	All		
	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.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Pages 96-115		
	18	Provide a plan showing representative cross sections of the reservoir.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-10-LTWP-Prelim-Design-Rpt- Append-A-DWGs	Appendix A		
	19	Provide a description of the general condition of any existing water storage facility and provide an explanation if it is unsatisfactory.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Applic-Main-Doc	Section 3.1		
Water Distribution	20	Provide a description of water distribution systems (ie. piped water, trucked) including the number of people on each system.	NA	The distribution system is not part of the scope of the current licence					
	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).	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Applic-Main-Doc	Section 1 and Figure 1.2		
	22	Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory.	NA	The distribution system is not part of the scope of the current licence					
Watercourse Crossings	23	Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads and its purpose.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 4.3.7		
	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.	Y				Section 4.3.7		
	25	Provide a plan of any watercourse crossing showing cross section and elevations	Y				Section 4.3.7		

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
<i>Watercourse Trainings</i>	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 watercourse trainings are included in this project					
<i>Flood Control</i>	27	Provide a description of any flood control structures and its purpose.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 5.5.2		
<i>Diversions</i>	28	Provide a description of any diversions including ditches and dikes, and its purpose.	Y				Section 5		
<i>Alterations in flow</i>	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 activities or structures that alter the flow of a watercourse					
	30	Indicate whether the natural storage capacity or water level of any lake or pond will be altered.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 7; Section 8		
	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.	Y				Section 7		
<i>Dewatering</i>	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.	Y		Physical, Biological and Socio-Economic Screening Report, (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 1		
<i>Identification</i>	33	Indicate whether there are any signs identifying past or present water intake, storage, distribution systems and/or waterwork structures presently in the community.	Y		Physical, Biological and Socio-Economic Screening Report, (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 1		
<i>Modifications</i>	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.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	all		
	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.	Y		Consultation Report - Iqaluit Long-Term Water Program (Colliers, July 2025)	251223-3AM-IQA---- Attach-06-Consultation-Report	Section 4		
<i>Proposed Water works</i>	36	For each proposed water work component provide design plans. Design plans shall consider the following:							
	a	Name of the water body(s) affected.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 1		
	b	Site photos, site map, or air photos of the location.	Y		Site Plans (Arcadis, 2022)	251223-3AM-IQA---- Attachment-08-LTWP-Site-Plans	All		
	c	Description of the existing condition of the site (see section 5)	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 2		
	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.	Y				Section 3; Section 4; Section 5		
	e	The design flood flow in cubic metres per second and its return period for the type of structure proposed.	Y				Section 5.3		
	f	An explanation of the rationale for the selected design flow flood and its return period.	Y				Section 5.3		
	g	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Y				All		

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
Proposed Water works	h	Detaills of design parameters including seismic design criteria if applicable.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 5.5		
	i	In water work timing restriction for fisheries.	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 5.1.1		
	j	Start and completion dates for construction.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 1.5		
	k	Construction schedule and sequence taking into account any timing restrictions.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 11		
	l	Construction methods.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 9		
	m	Equipment to be used.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 9		
	n	A description of the source, type, and composition of material used in construction.	Y		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 5.5.		
	o	The quantity of material to be either placed into or removed from the watercourse.	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-29-Env-Screening-Rpt	Section 1.4		
	p	Sedimentation and erosion control measures.	Y		Erosion and Sediment Control Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-25-LTWP-Prelim-Design-Rpt-Append-M-ESCP	All		
	q	Construction monitoring plans.	Y		Environmental Protection Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-23-LTWP-Prelim-Design-Rpt-Append-M-EPP	All		
	r	Construction quality assurance and quality control measures.	N					QA/QC will accompany final design and IFC drawings	
	s	Assessment of impacts to fish and fish habitat (see item 46 of this Section).	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 3		
	t	Bank stabilization measures (including the size range of material if applicable).	NA	Not required, as shoreline is exposed bedrock					
	u	Operation and maintenance plans including instrumentation, monitoring and inspection requirements (see item 38 of Section 7).	N					Existing O&M manuals were filed under the current licence. O&M manual(s) for the LTWP will be prepared as part of final design.	
	v	Contingency plans (see items 41-43 of Section 7).	Y		Emergency Response Plan (Arcadis, Sep 2024) Environmental Protection Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP 251223-3AM-IQA---- Attach-23-LTWP-Prelim-Design-Rpt-Append-M-EPP	Section 4.4 All		

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
<i>Proposed Water works</i>	w	Re-vegetation plans	NA	Not applicable as there are no re-vegetation plans at the LTWP as the vegetation present is mostly composed of mosses, lichens and shrubs which do not regenerate quickly. However, the project will minimize the disturbance to existing vegetation cover during the construction phase.					
	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)	N					To be completed prior to, during and following construction	
	y	Abandonment and restoration plans (see items 45-47 of Section 3).	NA	LTWP be in used for more than 100 years					
	37	Final plans and drawings for construction must be stamped by a Professional Engineer Licenced 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					To be provided with Issued for Construction Reports and Drawings	
	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		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 5: Section 7		
	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		Preliminary Design Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attachment-09-LTWP-Prelim-Design-Rpt	Section 5; Section 6		
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.	Y		Qikiqtaalik Lake Water Balance with Withdrawals (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 5		
	41	Provide a description of any expected changes in surface water flow or storage including changes downstream of the project.	Y		Qikiqtaalik Lake Water Balance with Withdrawals (Tetra Tech July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 5		
	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 cross section of a river wil be changed					
	43	If the course of any channel is changed, provide a description of measures to maintain stream bed and bank stability.	NA	No channel will be changed					
	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).	Y		Erosion and Sediment Control Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-25-LTWP-Prelim-Design-Rpt-Append-M-ESCP	All		
	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	Groundwater is not expected on the project site.					

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
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 http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm .	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 4		
	a	Potential effects on fish or fish habitat;	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 3.2		
	b	The area in square metres to be impacted;	N					To be provided to DFO once Issued for Construction engineering design is completed	
	c	Measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors);	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 3.2		
	d	Measures to avoid physical impacts on habitat;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 3		
	e	Measures to maintain flows and fish passage;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 3		
	f	Measures to avoid sedimentation;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025) Erosion and Sediment Control Plan. Long-term Water Project Supply and Storage (Arcadis, Sept 2024)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt 251223-3AM-IQA---- Attach-25-LTWP-Prelim-Design-Rpt-Append-M-ESCP	Section 3		
	g	Measures to avoid spills;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025) Emergency Response Plan (Arcadis, 2024)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt 251223-3AM-IQA---- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP	Section 3 Section 4.4		
	h	Detailed habitat no-net-loss plan and site restoration plan;	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt	Section 5.1.1		

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
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:							
	a	Options analysis;	Y		Physical, Biological and Socio-Economic Screening Report (Arcadis, Sep 2025)	251223-3AM-IQA---- Attach-29-Env-Screening-Rpt	Section 1.2.3		
	b	Water management plan including water balance analysis;	Y		Desktop Study of Discharge in Apex River (Tetra Tech, July 24, 2025)	251223-3AM-IQA---- Attach-33-Apex-River-Water-Withdrawal-Study	Sections 6 and 7		
					Qikiqtaalik Lake Water Balance for Withdrawals - Final Report (Tetra Tech, July 24, 2025)	251223-3AM-IQA---- Attach-32-Lake-Qikiqtaalik-Water-Withdrawal-Study	Section 8; Section 9		
					Iqaluit Water License 3AM-IQA1626 Renewal Application - Request for Data (Stantec, Aug 2025).	251223-3AM-IQA---- Attach-34-Historical-Streamflow-Statistics-Apex-River	All		
	c	Fisheries assessment;	Y		Fish and Fish Habitat Report (Arcadis, Jul 2025)	251223-3AM-IQA---- Attach-30-LTWP-Fish&Fish-Habitat-Rpt			
	d	Construction plan and construction schedule for water works;	N					Will accompany Issued for Construction Design and Drawings	
	e	Implementation schedule for construction of works.	N						
	f	Construction quality assurance and quality control plans;	N						
	g	Operation and maintenance plan;	N						
	h	Preliminary abandonment and reclamation plans for existing and proposed facilities;	NA	LTWP be in used for more than 100 years					
	i	Final abandonment and reclamation plans for facilities to be closed;	NA	LTWP be in used for more than 100 years					
	j	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 Guide 2: Terminology and Definitions	Y	No change to waste disposal, types of wastes, or waste disposal facilities is being proposed as part of this renewal and amendment. Waste generated during the construction of the LTWP will be disposed of in existing approved facilities.	Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Application-Main-Doc	Section 4.3		
	a	Sewage	Y						
	b	Grey water	Y						
	c	Solid waste	Y						
	d	Sludge	Y						
	e	Hazardous waste	Y						
	f	Contaminated soil, snow, ice and/or water	Y						
	g	Bulky items/ scap metal	Y						
	h	Waste oil	Y						
	i	Animal waste	Y						
	j	Other	Y						
Waste Disposal: Quality and Quantity	2	For each type of waste, provide the composition and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	Y	Same as above	Same as above	Same as above	Same as above		
	3	For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities.	Y	Same as above	Same as above	Same as above	Same as above		
	4	Provide a description of any existing or proposed measures to minimize the production of wastes.	Y	Same as above	Same as above	Same as above	Same as above		
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	There are no changes to existing facilities proposed. Sewage from construction crews will be collected in portable toilet facilities and will be trucked to the existing WWTP.					
	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 changes to approved waste management infrastructure are proposed.					
	7	Indicate the level of wastewater treatment (primary, secondary, tertiary).	NA	Same as above					
	8	Provide a description of any pre-treatment measures (screening, maceration).	NA	Same as above					
	9	If applicable, indicate whether any lagoon(s) are anaerobic, aerobic, and/or facultative.	NA	Same as above					
	10	Indicate the capacity of the wastewater treatment facility.	NA	Same as above					
	11	Based on current population projections, indicate what year the wastewater treatment facility will meet the needs of the community.	NA	Same as above					
	12	If applicable, indicate the freeboard and average depth of any lagoon.	NA	Same as above					

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
<i>Wastewater including sewage and grey water</i>	13	Indicate the retention time of the wastewater while in the treatment facility.	NA	Same as above					
	14	Indicate the estimated rate of discharge of wastewater (L/sec).	NA	Same as above					
	15	Indicate the location of the final discharge point (final point of control).	NA	Same as above					
	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	Same as above					
	17	Provide a description of the methods of discharge.	NA	Same as above					
	18	Indicate whether any sludges are produced and if applicable, sludge management procedures.	NA	Same as above					
	19	Indicate whether there have been any operating problems with existing wastewater treatment facilities.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section H		
	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.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section C		
<i>Solid Waste</i>	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 changes to approved waste management infrastructure are proposed					
	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.	Y	No changes to approved waste management infrastructure are proposed	Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08b- Compliance-Assessment-Jul-2025-Inspection-Rpt	Page 4 and 5		
	23	Indicate the capacity of the solid waste disposal area(s) in cubic metres.	NA	No changes to the approved waste management facilities are proposed					
	24	Indicate the average depth of the solid waste disposal site(s) in metres.	NA						
	25	Based on current population projections, indicate what year the solid waste disposal facility will meet the needs of the community.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Application-Main-Doc	Section 4.1		
	26	Indicate whether the community burns garbage, and if applicable provide a description of when, where and how this is done.	NA	No changes to the approved waste management facilities are 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
Solid Waste	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 changes to the approved waste management facilities are proposed					
	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						
	29	Provide a description of the general condition of any existing solid waste disposal facilities and provide an explanation if it is unsatisfactory.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Sections E, G, M		
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		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section K		
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 changes to approved waste management infrastructure are proposed					
	32	Indicate whether the community believes changes are needed to the the sewage, solid waste, or any other waste facilities. If applicable, provide a description.	NA	No changes to approved waste management infrastructure are proposed					
Proposed waste facilities	33	For each proposed waste facility provide design plans. The designs shall consider the following:	NA	No changes to approved waste management infrastructure are proposed					
	a	Site photos, site map, or air photos of the site.	NA	Same as above					
	b	Description of the existing condition of the site (see Section 5).	NA	Same as above					
	c	A description of the types of waste entering the facility.	NA	Same as above					
	d	Distance of the facility from watercourses and fish bearing waters.	NA	Same as above					
	e	Existing and proposed drainage modifications.	NA	Same as above					
	f	Details of retaining structures.	NA	Same as above					
	g	Level of treatment (primary, secondary or tertiary).	NA	Same as above					
	h	By products of treatment which may require further treatment, characterization, handling and disposal.	NA	Same as above					
	i	Capacity and retention time of the facility;	NA	Same as above					
	j	Identification of final discharge point (last point of control).	NA	Same as above					
	k	Method and type of discharge (seasonal, annual, continuous).	NA	Same as above					
	l	Estimated rates for discharge.	NA	Same as above					
	m	Restrictions on discharge.	NA	Same as above					
	n	Discharge effluent criteria proposed;	NA	Same as above					
	o	Receiving water quality objectives.	NA	Same as above					

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
Proposed waste facilities	p	Details regarding direction and path of wastewater flow from the area or infrastructure.	NA	Same as above					
	q	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	NA	Same as above					
	r	Details of design parameters including seismic design if applicable.	NA	Same as above					
	s	Start and completion dates for construction.	NA	Same as above					
	t	Construction schedule and sequence taking into account any timing restrictions.	NA	Same as above					
	u	Construction methods.	NA	Same as above					
	v	Equipment to be used.	NA	Same as above					
	w	A description of the source, type, and composition of the material to be used in construction.	NA	Same as above					
	x	Construction monitoring plans.	NA	Same as above					
	y	Construction quality assurance and quality control measures.	NA	Same as above					
	z	Operation and maintenance plans.	NA	Same as above					
	aa	Contingency plans.	NA	Same as above					
	bb	Abandonment and restoration plans (see items 45-47 of Section 3).	NA	Same as above					
	34	Final plans and drawings for construction must be stamped by a Professional Engineer Licenced 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).	NA	Same as above				As-built drawings will be provided to the NWB in Q1 2026.	
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	Same as above					
	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	Same as above					
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.	Y		City of Iqaluit Operations and Maintenance Manual Landfill and Waste Transfer Station (Dillon, Aug 2022).	OM Manual for New North Landfill and Waste Transfer Station			
Hazardous Materials	38	Provide a description of the type and quantities of petroleum products, chemicals and/or hazardous materials to be disposed.	NA	No changes to the approved waste management facilities are proposed					
	39	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	NA	Same as above					

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
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 Licenced facilities including aggregate sources.	Y		LTWP: Emergency Response Plan - Long Term Waeter Program - Supply and Storage (Arcadis, Sep 2024) Existing facilities: Spill Contingency Plan, Updated May 2016 (City of Iqaluit, 2016)	LTWP: 251223-3AM-IQA- --- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP Existing facilities: 190305 3AM-IQA1626 Appendix J _Spill Contingency Plan_Updated May 2016-IMLE.pdf	LTWP: All Existing facilities: All		
	41	Plan(s) shall address all phases of the project including construction and operations.	Y		Same as above	Same as above			
	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.	Y		Same as above	Same as above			
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:		There are no changes proposed to the existing approved facilities covered under Water Licence No. 3AM-IQA1626.					
	a	Options analysis;	NA	Same as above					
	b	Wastewater treatment assessment;	NA	Same as above					
	c	Geotechnical and geothermal assessment;	NA	Same as above					
	d	Snow drift assessment;	NA	Same as above					
	f	Weather data for purposes of design;	NA	Same as above					
	g	Wastewater management;	NA	Same as above					
	h	Solid waste management;	NA	Same as above					
	i	Contaminated soil and water management;	NA	Same as above					
	j	Quarry management including assessment of acid rock drainage and metal leaching potential of quarry material;	Y		Preliminary Geotechnical Investigation Report (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Section 4.2		
	k	Hazardous waste management;	NA	There are no changes proposed to the existing approved facilities covered under Water Licence No. 3AM-IQA1626.					
	l	Operation and maintenance plan;	Y	Same as above	City of Iqaluit Operations and Maintenance Manuals	https://public.nwb-oen.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-IQA1626/3%20TECH/E%20WASTE%20DISP/			
	m	Spill contingency and emergency response plans;	Y		Emergency Response Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP			
	n	Construction plan and construction schedule for waste disposal infrastructure;	NA	No changes to approved waste management infrastructure are 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
Studies	o	Implementation schedule for construction of works;	NA	Same as above					
	p	Construction quality assurance and quality control plans;	NA	Same as above					
	q	Preliminary abandonment and reclamation plans for existing and proposed facilities;	Y		Closure and Decommissioning Plan Landfill and Waste Transfer Station. (Dillon, Aug 2022)	251223-3AM-IQA----Attach-38-North40-Landfill-Closure-Plan			
	r	Final abandonment and reclamation plans for facilities to be closed;	NA	Final closure plan will be filed 1 year prior to closure of the landfill.					
	s	Remediation plans for waste disposal infrastructure;	NA	There are no changes proposed to the existing approved facilities					
	t	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 Guide 2: Terminology and Definitions	Y	No change to waste disposal, types of wastes, or waste disposal facilities is being proposed as part of this renewal and amendment. Waste generated during the construction of the LTWP will be disposed of in existing approved facilities.	Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Application-Main-Doc	Section 4.3		
	a	Sewage	Y						
	b	Grey water	Y						
	c	Solid waste	Y						
	d	Sludge	Y						
	e	Hazardous waste	Y						
	f	Contaminated soil, snow, ice and/or water	Y						
	g	Bulky items/ scap metal	Y						
	h	Waste oil	Y						
	i	Animal waste	Y						
	j	Other	Y						
Waste Disposal: Quality and Quantity	2	For each type of waste, provide the composition and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	Y	Same as above	Same as above	Same as above	Same as above		
	3	For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities.	Y	Same as above	Same as above	Same as above	Same as above		
	4	Provide a description of any existing or proposed measures to minimize the production of wastes.	Y	Same as above	Same as above	Same as above	Same as above		
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	There are no changes to existing facilities proposed. Sewage from construction crews will be collected in portable toilet facilities and will be trucked to the existing WWTP.					
	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 changes to approved waste management infrastructure are proposed.					
	7	Indicate the level of wastewater treatment (primary, secondary, tertiary).	NA	Same as above					
	8	Provide a description of any pre-treatment measures (screening, maceration).	NA	Same as above					
	9	If applicable, indicate whether any lagoon(s) are anaerobic, aerobic, and/or facultative.	NA	Same as above					
	10	Indicate the capacity of the wastewater treatment facility.	NA	Same as above					
	11	Based on current population projections, indicate what year the wastewater treatment facility will meet the needs of the community.	NA	Same as above					
	12	If applicable, indicate the freeboard and average depth of any lagoon.	NA	Same as above					

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
Wastewater including sewage and grey water	13	Indicate the retention time of the wastewater while in the treatment facility.	NA	Same as above					
	14	Indicate the estimated rate of discharge of wastewater (L/sec).	NA	Same as above					
	15	Indicate the location of the final discharge point (final point of control).	NA	Same as above					
	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	Same as above					
	17	Provide a description of the methods of discharge.	NA	Same as above					
	18	Indicate whether any sludges are produced and if applicable, sludge management procedures.	NA	Same as above					
	19	Indicate whether there have been any operating problems with existing wastewater treatment facilities.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section H		
	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.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section C		
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 changes to approved waste management infrastructure are proposed					
	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.	Y	No changes to approved waste management infrastructure are proposed	Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08b- Compliance-Assessment-Jul-2025-Inspection-Rpt	Page 4 and 5		
	23	Indicate the capacity of the solid waste disposal area(s) in cubic metres.	NA	No changes to the approved waste management facilities are proposed					
	24	Indicate the average depth of the solid waste disposal site(s) in metres.	NA						
	25	Based on current population projections, indicate what year the solid waste disposal facility will meet the needs of the community.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA---- Application-Main-Doc	Section 4.1		
	26	Indicate whether the community burns garbage, and if applicable provide a description of when, where and how this is done.	NA	No changes to the approved waste management facilities are 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
Solid Waste	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 changes to the approved waste management facilities are proposed					
	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						
	29	Provide a description of the general condition of any existing solid waste disposal facilities and provide an explanation if it is unsatisfactory.	Y		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Sections E, G, M		
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		Water Licence 3AM-IQA1626 2024 Annual Water Licence Report (City of Iqaluit, 2025)	251223-3AM-IQA---- Attachment-08a- Compliance-Assessment-2024-Annual-Rpt	Section K		
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 changes to approved waste management infrastructure are proposed					
	32	Indicate whether the community believes changes are needed to the the sewage, solid waste, or any other waste facilities. If applicable, provide a description.	NA	No changes to approved waste management infrastructure are proposed					
Proposed waste facilities	33	For each proposed waste facility provide design plans. The designs shall consider the following:	NA	No changes to approved waste management infrastructure are proposed					
	a	Site photos, site map, or air photos of the site.	NA	Same as above					
	b	Description of the existing condition of the site (see Section 5).	NA	Same as above					
	c	A description of the types of waste entering the facility.	NA	Same as above					
	d	Distance of the facility from watercourses and fish bearing waters.	NA	Same as above					
	e	Existing and proposed drainage modifications.	NA	Same as above					
	f	Details of retaining structures.	NA	Same as above					
	g	Level of treatment (primary, secondary or tertiary).	NA	Same as above					
	h	By products of treatment which may require further treatment, characterization, handling and disposal.	NA	Same as above					
	i	Capacity and retention time of the facility;	NA	Same as above					
	j	Identification of final discharge point (last point of control).	NA	Same as above					
	k	Method and type of discharge (seasonal, annual, continuous).	NA	Same as above					
	l	Estimated rates for discharge.	NA	Same as above					
	m	Restrictions on discharge.	NA	Same as above					
	n	Discharge effluent criteria proposed;	NA	Same as above					
	o	Receiving water quality objectives.	NA	Same as above					

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

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Proposed waste facilities	p	Details regarding direction and path of wastewater flow from the area or infrastructure.	NA	Same as above					
	q	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	NA	Same as above					
	r	Details of design parameters including seismic design if applicable.	NA	Same as above					
	s	Start and completion dates for construction.	NA	Same as above					
	t	Construction schedule and sequence taking into account any timing restrictions.	NA	Same as above					
	u	Construction methods.	NA	Same as above					
	v	Equipment to be used.	NA	Same as above					
	w	A description of the source, type, and composition of the material to be used in construction.	NA	Same as above					
	x	Construction monitoring plans.	NA	Same as above					
	y	Construction quality assurance and quality control measures.	NA	Same as above					
	z	Operation and maintenance plans.	NA	Same as above					
	aa	Contingency plans.	NA	Same as above					
	bb	Abandonment and restoration plans (see items 45-47 of Section 3).	NA	Same as above					
	34	Final plans and drawings for construction must be stamped by a Professional Engineer Licenced 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).	NA	Same as above				As-built drawings will be provided to the NWB in Q1 2026.	
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	Same as above					
	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	Same as above					
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.	Y		City of Iqaluit Operations and Maintenance Manual Landfill and Waste Transfer Station (Dillon, Aug 2022).	OM Manual for New North Landfill and Waste Transfer Station			
Hazardous Materials	38	Provide a description of the type and quantities of petroleum products, chemicals and/or hazardous materials to be disposed.	NA	No changes to the approved waste management facilities are proposed					
	39	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	NA	Same as above					

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
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 Licenced facilities including aggregate sources.	Y		LTWP: Emergency Response Plan - Long Term Waeter Program - Supply and Storage (Arcadis, Sep 2024) Existing facilities: Spill Contingency Plan, Updated May 2016 (City of Iqaluit, 2016)	LTWP: 251223-3AM-IQA- --- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP Existing facilities: 190305 3AM-IQA1626 Appendix J _Spill Contingency Plan_Updated May 2016-IMLE.pdf	LTWP: All Existing facilities: All		
	41	Plan(s) shall address all phases of the project including construction and operations.	Y		Same as above	Same as above			
	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.	Y		Same as above	Same as above			
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:		There are no changes proposed to the existing approved facilities covered under Water Licence No. 3AM-IQA1626.					
	a	Options analysis;	NA	Same as above					
	b	Wastewater treatment assessment;	NA	Same as above					
	c	Geotechnical and geothermal assessment;	NA	Same as above					
	d	Snow drift assessment;	NA	Same as above					
	f	Weather data for purposes of design;	NA	Same as above					
	g	Wastewater management;	NA	Same as above					
	h	Solid waste management;	NA	Same as above					
	i	Contaminated soil and water management;	NA	Same as above					
	j	Quarry management including assessment of acid rock drainage and metal leaching potential of quarry material;	Y		Preliminary Geotechnical Investigation Report (Arcadis, Aug 2025)	251223-3AM-IQA---- Attach-27-Geotech-Report-Reservoir&Pipeline-Crossing	Section 4.2		
	k	Hazardous waste management;	NA	There are no changes proposed to the existing approved facilities covered under Water Licence No. 3AM-IQA1626.					
	l	Operation and maintenance plan;	Y	Same as above	City of Iqaluit Operations and Maintenance Manuals	https://public.nwb-oen.ca/registry/3%20MUNICIPAL/3A/3AM%20-%20Municipality/3AM-IQA1626/3%20TECH/E%20WASTE%20DISP/			
	m	Spill contingency and emergency response plans;	Y		Emergency Response Plan (Arcadis, Sep 2024)	251223-3AM-IQA---- Attach-24-LTWP-Prelim-Design-Rpt-Append-M-ERP			
	n	Construction plan and construction schedule for waste disposal infrastructure;	NA	No changes to approved waste management infrastructure are 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
Studies	o	Implementation schedule for construction of works;	NA	Same as above					
	p	Construction quality assurance and quality control plans;	NA	Same as above					
	q	Preliminary abandonment and reclamation plans for existing and proposed facilities;	Y		Closure and Decommissioning Plan Landfill and Waste Transfer Station. (Dillon, Aug 2022)	251223-3AM-IQA----Attach-38-North40-Landfill-Closure-Plan			
	r	Final abandonment and reclamation plans for facilities to be closed;	NA	Final closure plan will be filed 1 year prior to closure of the landfill.					
	s	Remediation plans for waste disposal infrastructure;	NA	There are no changes proposed to the existing approved facilities					
	t	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 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
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.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Application-Main-Doc	Section 6	A Monitoring Plan for the LTWP will be provided with Issued for Construction deliverables.	
	2	Indicate who is responsible for sampling including that person's position, contact information and level of training.	Y						
	3	Indicate the name and contact information of the certified laboratory performing the analysis of samples.	NA	No change for the facilities covered under Water Licence No. 3AM-IQA1626					
	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.	Y					To be developed during the detailed design phase.	
	5	Provide a Quality Assurance/ Quality Control (QA/QC) Plan that addresses both field sampling and laboratory analyses.	Y					To be developed during the detailed design phase.	
	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.	Y		Type A Water Licence Amendment and Renewal Application (City of Iqaluit, Dec 23, 2025)	251223-3AM-IQA----Application-Main-Doc	Section 6	Additional monitoring stations will be identified prior to construction.	