

APPENDIX 1B-3

CONCORDANCE WITH EIS GUIDELINES (NWB)



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
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 Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Appendix 3B, Attachment 1
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 04. Attachment 2 - Baffinland Commercial Documents, 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 09. Attachment 7 - Water Crossings. 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings, 12. Attachment 10 - Preliminary Mine Closure and Reclamation Plan, 13. Attachment 11 - Maps, 14. Attachment 12 - Correspondence with NPC	Volume 3, Appendix 3B, Attachments 2 to Attachment 12
	3	Executive summary in English.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 002 - Executive Summary (English).pdf	Volume 3, Appendix 3B - Executive Summary

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Minimum Application Requirements	4	Translated executive summary in appropriate language and dialect.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 001 - Executive Summary (Inuktitut).pdf	Volume 3, Appendix 3B - Executive Summary - Inuktitut
	5	Application fee.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 01. - Type A Water Licence Cover Letter.pdf	Volume 3, Appendix 3B, copy of cheque attached to transmittal letter
	6	Water use fee.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 01. - Type A Water Licence Cover Letter.pdf	Volume 3, Appendix 3B, copy of cheque attached to transmittal letter
	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	—	Mary River Project Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	In Volume 1: Appendix 1C EIS Master Table of Contents.pdf	Volume 1, Appendix 1C-2.

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 The application must address the entire scope of the project including not only the primary undertaking, but also related activities for all phases of the project.
- 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).



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Applicant	1	Provide the full name of the applicant and contact information (including phone number, address, fax number and email address).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012 Type A Water Licence Application, Hatch, February 2012	Volume 1.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 1, Section 1.0; Volume 3, Appendix 3B, Attachment 1, Block 1
Applicant Representative	2	Provide the name and contact information of any party submitting the application on behalf of the applicant.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012 Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Appendix 3B, Attachment 1, Block 2
	3	Provide a signed letter authorizing a party to be its representative in the licensing process.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012 Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Appendix 3B, Attachment 1, Attached at the end of Application as per instruction in Block 2

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Name of Project	4	Provide the name of the project.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 1.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 1, Section 1.0; Volume 3, Appendix 3B, Attachment 1, Block 3
Location of Undertaking	5	Provide coordinates of the project extents taking into account the Local Project Area (LPA) and the Regional Project Area (RPA), where applicable.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 1.pdf; Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 1, Section 1.1; Volume 3, Figures 3-1.1 and 3-1.2; Volume 3, Appendix 3B, Attachment 1, Block 4
Location of Undertaking	a	Provide location by Latitude and Longitude.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Figures 3-1.1 and 3-1.2. ; Volume 3, Appendix 3B, Attachment 1, Block 4
	b	Provide location by UTM coordinates, if available.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Appendix 3B, Attachment 1, Block 4
	c	Provide the distances to the nearest communities.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 1.pdf and Volume 3.pdf	Volume 1, Section 3.1; Volume 3, Figures 3-1.1 and 3-1.2,

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Map	6	Provide a map at a 1:50,000 scale based on the National Topographic series indicating the location of the undertaking, watercourses and the location of waste deposits. Additional maps at various scales may be provided if those maps will provide additional information or clarification. All additional maps must indicate the scale, and map sheet number.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 11: 002 - Milne Inlet Site Layout.pdf, 003 - Mary River Mine Site Layout.pdf, 004 - Steensby Inlet Site Layout.pdf, 005 - Ravin Camp Site Layout.pdf, 006 - Mid Rail Camp Site Layout.pdf, 007 - North Cockburn Rail Camp Site.pdf, 008 - South Cockburn Rail Camp Site Layout.pdf	Volume 3, Figures 3-1.1 to Figure 3-2.9; Appendix 3B, Attachment 11- Maps
Nature of Interest in the Land	7	Provide the nature of the interest in the land associated with the proposed undertaking, including:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 2, Section 2; Volume 3, Appendix 3B, Attachment 1, Block 6
	a	Sub-surface leases from Nunavut Tunngavik Incorporated (NTI) and/or Indian and Northern Affairs Canada (INAC) as well as surface authorizations from INAC for crown land use, a Designated Inuit Organization (DIO) for Inuit Owned Land (IOL) use, or the Government of Nunavut for Commissioner's land use.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, 2012	Volume 2.pdf	Volume 2.0, Section 2.1
	b	The date or expected date of issuance of any authorization and the date of expiry.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 2, Section 2.0 Volume 3, Appendix 3B, Attachment 1, Block 6

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Nature of Interest in the Land	8	Indicate whether the applicant is the name of the entity holding the authorization for the interest in the land and if not, provide the name of the entity holding the authorization.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 2.0, Section 2.1; Volume 3, Appendix 3B, Attachment 1, Block 1 & 2
NPC Determination	9	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 Conformity Determination, Brian Aglukark, April 30, 2008	In Volume 3, Appendix 3B, Attachment 12: 002-Baffinland Letter to NPC - Oct 31-11.pdf, 003-NPC Response - Nov 5-11.pdf	Volume 3, Appendix 3B, Attachment 12
NIRB Determination	10	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	—	Guidelines for Preparation of an Environmental Impact Statement for Baffinland Iron Mines Corporation's Mary River Project (NIRB File No. 08MN053), Nunavut Impact Review Board, November 2009	Appendix 1B-8 - NIRB Determinations.pdf	The NIRB EIS Guidelines are located in Vol 1, App 1B-8-2
	a	NIRB's screening determination;	Y	—	NIRB Screening Decision Report, June 2008, NIRB	Appendix 1B-8 - NIRB Determinations.pdf	The NIRB Screening Decision is located in Vol 1, App 1B-8-1

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NIRB Determination	b	NIRB's recommendation to the Minister regarding the type of review;	Y	—	NIRB Screening Decision Report, June 2008, NIRB	Appendix 1B-8 - NIRB Determinations.pdf	The NIRB Screening Decision is located in Vol 1, App 1B-8-1
	c	Minister's written decision regarding the review of the development proposal;	Y	—	NIRB Screening Decision Report, June 2008, NIRB	Appendix 1B-8 - NIRB Determinations.pdf	The NIRB Screening Decision is located in Vol 1, App 1B-8-1
	d	List of activities requested for exception in accordance with NLCA s. 12.10.2;	Y	—	To be provided by Baffinland at a later date.	To be provided by Baffinland at a later date.	Volume 3 Project Description; Volume 3, Appendix 3B - Type A Licence Application
	e	Type A Water Licence	Y	—	Type A Water Licence Application, Hatch, February 2012	Volume 3, Appendix 3B -Type A Water License, entire folder	Volume 3, Appendix 3B, All

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Description of Undertaking	11	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, and differentiate temporary components from permanent components.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 04. Attachment 2 - Baffinland Commercial Documents, 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 09. Attachment 7 - Water Crossings, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings, 12. Attachment 10 - Preliminary Mine Closure and Reclamation Plan, 13. Attachment 11 - Maps	Volume 3, Sections 2.0, 3.0 and 4.0; Appendix 3B, Attachments 2 to 11; drawings presented in Attachment 9
Options (Alternatives)	12	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, 2012	Volume 3.pdf	Volume 3, Section 6.0
Water Use	13	Provide a detailed description of all types of water uses, including:	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan
	a	Obtain water for domestic purposes	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan
	b	Obtain water for industrial purposes	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan

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Water Use	c	To cross a water course	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 7 - Water Crossings
	d	To alter the flow of water, or store water	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan; Attachment 7 - Water Crossings; Volume 7, Section 2.0
	e	Flood control	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface Water Management Plan, Waste Rock Management Plan; Attachment 7 - Water Crossings; Volume 7, Section 2.0
	f	To divert a watercourse	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface Water Management Plan, Waste Rock Management Plan; Attachment 7 - Water Crossings; Volume 7, Section 2.0
	g	To modify the bed or bank of a watercourse	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan; Attachment 7 - Water Crossings; Volume 7, Section 2.0

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Water Use	h	Others:	NA	No Others	—	—	—
Water Use: Quality and Quantity	14	Provide for each type of water use:	Y	—	See below	—	—
	a	The source of water including the name of the water body and the location of the water source as shown on a map;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan
	b	A description of the quality of the water from the source as well as the capacity of the water source;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan; Volume 7, Section 2.0 and 3.0
	c	The estimated amount of water taken from each source and the method of extraction including specific pumping rates, pumping procedures and potential for draw down;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan
	d	The estimated amount of water to be returned to the source;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan
	e	Methods to ensure the quality of water returned to the source is of an acceptable quality.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Volume 3, Appendix 3B, Attachment 1- Block 13; Attachment 5 - Surface Water Aquatic Ecosystems Management Plan, Fresh Water, Sewage and Waste Water Management Plan, Waste Rock Management Plan; Attachment 6 - Quarries Documents, Attachment 8 - Explosives

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Waste Disposal	15	Provide a detailed description of all forms of waste disposal indicating the type of waste(s) generated and/or to be deposited.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3 Section 2.1.10; Appendix 3B, Attachment 1 - Block 15, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
Waste Disposal: Quality and Quantity	16	Provide a description for each type of waste generated, its composition, quantity (cubic meters per day), method of treatment and disposal, including:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3 Section 2.1.10; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
	a	System for the treatment and/or disposal of solid waste, liquid effluent, and gaseous materials expected from the operations, including any measures proposed to minimize the production of wastes;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3 Section 2.1.10; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
	b	Substances and their amounts that will be released to the environment, methods of release and any associated control technology.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3 Section 2.1.10; Appendix 3B, Attachment 1 - Block 15, Attachment 5 - Fresh Water, Sewage and Waste Water Management Plan, Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan

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Other Authorizations	17	Provide a list of any authorizations required in addition to the water licence and a description of how those authorizations may affect the NWB's water licensing process.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf, In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf,	Volume 2, Section 2.2; Volume 3, Appendix 3B, Attachment 1 - Block 16
	18	Provide an indication of whether any other authorizations are required in relation to 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.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf, In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf,	Volume 2, Section 2.2; Volume 3, Appendix 3B, Attachment 1 - Block 16
	19	Provide an overview of and a description of the status of any existing water licences currently held with the NWB and future plans for the administration of existing licences.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf, In Volume 3, Appendix 3B: 002 - Executive Summary (English).pdf	Volume 2, Section 2.2; Volume 3, Appendix 3B - Executive Summary
	20	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 2.pdf and Volume 9.pdf	Volume 2, Section 2.2; Volume 9, Section 5; applications to be submitted as Project advances through detailed design (i.e., bridge designs)
	21	Provide a timetable for filing the appropriate plans and procedures required by government parties.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf, In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf,	Volume 2, Section 2.2; Volume 3, Appendix 3B, Attachment 1 - Block 16

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Predicted Environmental Effect and Proposed mitigation measures	22	Identify the potential effect of water use and waste disposal on the following components:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7 - Freshwater Effects Assessment
	a	Groundwater and Surface Water including:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 2.0 - Freshwater quantity
		changes in flow (including seasonal rate of flow)	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf and Volume 7.pdf	Volume 6, Section 2.1.5 Volume 7, Section 2.3
		quantity and quality	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf and Volume 7.pdf	Volume 6, Section 2.1.4, 2.1.5, and 2.5. Volume 7, Section 2.0 (2.3) and 3.0 (3.4)
	b	Land including:	Y	—	See below	—	—
		geologic structure change	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf; In Volume 6, Appendix 6D: 06-Appendix 6D - Ecological Land Classification.pdf	Volume 6, Section 2.0; Appendix 6D - Ecological Land Classification
		soil contamination	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.4.1
		compaction, settling and erosion	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.1.3
		alteration of the permafrost regime	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.0

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Predicted Environmental Effect and Proposed mitigation measures		riparian zone loss	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf and Volume 7.pdf	Volume 6, Section 3.0; Volume 7, Section 4.0
	c	Vegetation including:	Y	—	See below	—	—
		species composition and abundance	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 3.0
		non-native species introduction	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf and Volume 10.pdf	Volume 6, Section 3.0; Volume 10, Section 7.0
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf; In Volume 6, Appendix 6D: 010-Appendix 6G-1 Evaluation of Exposure Potential from Ore Dusting (2010), 011-Appendix 6G-2 - Evaluation of Exposure Potential from Ore Dusting (2011)	Volume 6, Section 3.0; Appendix 6G-1 and 6G-2
	d	Aquatic Ecosystems including:	Y	—	See below	—	—
		fish	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0
		benthic invertebrates	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0
		plankton	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0
	23	Identify effects separately for each project phase.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Predicted Environmental Effect and Proposed mitigation measures	24	Describe the methods used to predict effects.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 2.pdf and Volume 7.pdf	Volume 2, Section 3.0; Volume 7, Section 4.5.1
	25	Provide a cumulative effects assessment of the project's water use and waste disposal activities in relation to other activities in the same drainage basin. Predict the effects of the activities in combination with other past, present, and reasonably foreseeable future projects.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf and Volume 9.pdf	Volume 7, all sections; Volume 9, Section 1.4.3 and 1.5
	26	Identify effects arising from accidental events or malfunctions.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 9.pdf	Volume 9, Section 3.0
	27	Provide a description of all proposed mitigation, management and monitoring programs to mitigate adverse impacts.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives; Volume 10.pdf; see folder in Volume 10: Appendix 10D - Environment Monitoring and Mitigation Plans	Volume 3, Appendix 3B, Attachment 5 - all Management Plans; Attachment 6 - Quarries Documents; Attachment 8 - Explosives; Volume 10; Appendix 10D-1 to Appendix 10D-14
	28	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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 10.pdf; see folder in Volume 10: 023 - Appendix 10F-2 Cultural Heritage	Volume 10, Appendix 10F-2

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Existing and Other User Water Rights	29	Provide the names, addresses, and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 2.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; Volume 4.pdf	Volume 2, Sections 1.0 and 2.0; Volume 3, Appendix 3B, Attachment 1 - Block 18; no other users in LSA Volume 4, Section 10.0
	30	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf,	Volume 3, Appendix 3B, Attachment 1 - Block 19; water compensation agreement in current IOL Lease being renegotiated as part of IIBA
	31	Provide a description of the applicant's consultation plan and the concerns expressed during consultation.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 2.pdf	Volume 2, Section 1.0
	32	Describe how the results of consultation were incorporated into the determination of effects.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 2.pdf	Volume 2, Section 1.0 and 3.0
	33	Describe how the results of consultation were incorporated into the design of mitigation, management and monitoring programs.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 2.pdf	Volume 2, Section 1.0 and 3.0

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Existing and Other User Water Rights	34	Provide a description of any potential effects of the project on other licensees or pre-existing applicants, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders or holders of other rights of a similar nature.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	No other users in LSA; potential effects on receiving environment are discussed in Volume 7, Section 2.0, 3.0 and 4.0
	35	Provide a description of the measures incorporated into the project design to mitigate effects of the project on other licensees or pre-existing applicants, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders or holders of other rights of a similar nature.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 09. Attachment 7 - Water Crossings, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings	No other users in LSA; Appendix 3B, Attachment 3 & 4 - Project Design Design Criteria; Attachment 5 - all Managment Plans; Attachment 6 - Quarries; Attachment 7 - Water Crossings; Attachment 8 - Explosives; Attachment 9 - Drawings
Inuit Water Rights	36	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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Sections 2.0 and 3.0
	37	Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through IOL, and indicate whether negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more DIO.	Y	Water quality and flows through IOL are not indicated to be significantly impacted by project activities.	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Sections 2.0, 3.0 and 4.0

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Inuit Water Rights	38	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	Water quality and flows through IOL are not indicated to be significantly impacted by project activities.	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings	Volume 3, Appendix 3B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - all Management Plans; Attachment 6 - Quarries; Attachment 8 Explosives; Attachment 9 - Drawings
	39	The applicant and/or DIO shall advise the Board in writing, if either party is unable to reach an agreement on compensation.	NA	Not applicable at this time.	—	—	Not Applicable
Security	40	Provide a financial security assessment that is prepared in a manner consistent with principals respecting mine site reclamation and implementation found in the <i>Mine Site</i>	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 2: 001- Baffinland Commercial Documents.pdf	Volume 3, Appendix 3B, Attachment 2
		Reclamation Policy for Nunavut, Indian and Northern Affairs Canada, 2002. The financial security assessment must include:	Y		Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Appendix 3B, Attachment 10 - Preliminary Mine Closure & Reclamation Plan
	a	An estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Security	b	The cost of having the necessary reclamation work done by a third-party contractor if the operator defaults;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
	c	Contingency factors appropriate to the particular work to be undertaken.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
Abandonment and Restoration	41	Provide plans for the abandonment and restoration of the project. Plans must address all phases of the project including construction, operation, care & maintenance, final closure and post closure.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
	42	Provide a description of all remediation plans and remediation objectives. Discuss the results of any human health and ecological risk assessment used to establish remediation objectives.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
	43	Provide a list and description of any existing abandoned or restored site facilities.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.

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Abandonment and Restoration	44	Provide details regarding the timing of the removal of any dewatering dikes (if applicable) and the implications of this action on water quality.	Y		Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
	45	Provide detailed information regarding the method used to remove/breach any dewatering dykes (if applicable), including details of any mitigation measures for any adverse impacts.	Y		Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Volume 3, Appendix 3B, Attachment 10, Preliminary Mine Closure and Reclamation Plan - Section 12.
Financial Information	46	Provide a statement of financial responsibility.	NA	Not applicable to the current phase of the project.	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 2: 001- Baffinland Commercial Documents.pdf	Volume 3, Appendix 3B, Attachment 2
	47	If the applicant is an entity for which audited financial statements are issued, a copy of the most recent audited financial statements must be attached to the statement of financial responsibility.	NA	Not applicable to the current phase of the project.	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 2: 001- Baffinland Commercial Documents.pdf	Volume 3, Appendix 3B, Attachment 2
	48	Provide the name of the corporation, limited company or other business entity, with a list of the officers of the company and a copy of the Certificate of Incorporation or evidence of registration of the company name.	NA	Not applicable to the current phase of the project.	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 2: 001- Baffinland Commercial Documents.pdf	Volume 3, Appendix 3B, Attachment 2
Studies and Designs	49	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including:	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes

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Studies and Designs	a	Design rational, design requirements, design criteria, design parameters, design standards/analysis/method;	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes
	b	Design assumptions and the limitations associated with such design assumptions;	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes
	c	The inclusion of clear, definable engineering qualifiers with all design drawings and reports;	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 09. Attachment 7 - Water Crossings, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes; Attachment 8 - Explosives; Attachment 7 - water Crossings; Attachment 9 - Drawings
	d	Site specific data and analysis to support the design and management decisions made;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 09. Attachment 7 - Water Crossings, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings; Volume 6.pdf; Appendix 6 (entire folder)	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes; Attachment 8 - Explosives; Attachment 7 - water Crossings; Attachment 9 - Drawings; Volume 6, Section 1.0 & Appendices
	e	Materials that appropriately delineate the particulars of a design or plan.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 07. Attachment 5 - Management Plans, 09. Attachment 7 - Water Crossings, 10. Attachment 8 - Explosives, 11. Attachment 9 - Drawings	Volume 3, Appendix 3 B, Attachment 3 & 4 - Project Design Criteria; Attachment 5 - Waste Rock Management Plan and its Annexes; Attachment 8 - Explosives; Attachment 7 - water Crossings; Attachment 9 - Drawings

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Studies and Designs	50	Provide construction methods and procedures regarding how infrastructure will be put in place on-site.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents	Appendix 3B, Attachment 3 & 4 Design Criteria and Technical Specifications
	51	Provide a timetable for submission of preliminary and final for-construction engineered designs (note: for construction designs are required for NWB approvals).	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings	Appendix 3B, Attachment 3 & 4 Design Criteria and Technical Specifications, Attachment 9 - Drawings
Proposed Time Schedule	52	Provide the proposed start and completion dates for each phase of development (construction, operation, closure and post closure) and any anticipated periods of seasonal shut down.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 1.3
Proposed Term of Licence	53	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf	Volume 3, Appendix 3B, Attachment 1 - Block 25
Annual Reporting	54	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	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 1 - Block 26; Attachment 5 - Environmental Monitoring Plan
	a	Water related monitoring results;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	b	Comparison of water quality and quantity monitoring data with the water quality and quantity predictions presented in the application;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	c	A description of how the conditions in the NIRB project certificate related to the NWB mandate have been implemented;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan

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Annual Reporting	d	Project changes under adaptive management;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 10.pdf; see folder in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans	Volume 10, Section 1.0 and 10.0; Volume 3, Appendix 3B, Attachment 5 - all management plans
	e	Any actions taken in response to direction provided by the Inspector.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, App 3B, Attachment 5, Environmental Monitoring Plan, Sec 6.3
Renewals and Amendments	55	If the application is for a renewal or amendment of an existing licence, provide a status report. This report must document for each condition of the existing water licence, what action the licensee has taken.	NA	Not a renewal or amendment.	—	—	Not applicable - application is for New Type A Water Licence
	56	If the application is for a renewal or amendment of an existing licence, provide a compliance assessment. This assessment must indicate when facilities were inspected by regulatory agencies such as INAC or GN and which agencies. The compliance assessment must include any inspection reports and/or directions issued by the Inspector and any responses provided by the licensee. The compliance assessment must also list any spills that have occurred including a description, location shown on a map, and the action taken to address the affected area.	N/A	Not a renewal or amendment.	—	—	Not applicable; application is for New Type A Water Licence



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
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, and differentiate temporary components from permanent components. Consider the following in providing the description:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; Volume 3, Appendix 3B -Type A Water License, entire folder	Volume 3, Sections 2.0, 3.0 and 4.0; Appendix 3B contain all Supplementary Information required to support Type A Water Licence Application
	a	Raw water intake;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf; see folders in Volume 3, Appendix 3B, Attachment 9 - Drawings	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 1 - Block 13, Attachment 5 - Fresh Water Supply, Sewage and Waste Water Management Plan, Attachment 9 - Drawings

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Description of Undertaking	b	Water storage and treatment facilities including distribution systems;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 1: 001 - Type A Application Form.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf; see folders in Volume 3, Appendix 3B, Attachment 9 - Drawings	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 1 - Block 13, Attachment 5 - Fresh Water Supply, Sewage and Waste Water Management Plan, Attachment 9 - Drawings
	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. Provide an outline of the drainage basin within the RPA;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; see folders in Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan, Attachment 7 - Water Crossings; Volume 7, Section 2.0
	d	Location of receiving water bodies and drainage pathways;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste Water Management Plan; Volume 7, Section 2.0
	e	Transportation access routes and details of water course crossings;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B, Attachment 7 - Water Crossings	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 7 - Water Crossings

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Description of Undertaking	f	Locations of environmental monitoring sites;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	g	Traditional water use and land use areas that may be impacted by the project;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
	h	Sewage treatment facilities;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria, Attachment 5 - Fresh Water Supply, Sewage and waste water Masnagement Plan, Attachment 9 - Drawings
	i	Wastewater treatment area and discharge outlet locations;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria, Attachment 5 - Fresh Water Supply, Sewage and waste waster Masnagement Plan, Environmental Monitoring Plan, Attachment 9 - Drawings

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Description of Undertaking	j	Solid waste disposal areas and drainage patterns;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 010 - Environmental Monitoring Plan; see folder in Volume 3, Appendix 3B: 11. Attachment 9 - Drawings	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 -Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Environmental Monitoring Plan, Attachment 9 - Drawings
	k	Landfarm;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 3, Appendix 3B, Attachment 5 -Waste Management Plan - Annex 3
	l	Waste rock piles (PAG and non-PAG);	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 -Waste Rock Management Plan
	m	Stockpiles;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 -Waste Rock Management Plan
	n	Tailings containment areas;	NA	no tailings facility on site	—	—	No Tailings
	o	Laydown areas;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folders in Volume 3, Appendix 3B: 11. Attachment 9 - Drawings	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Surface water and Aquatic Ecosystems Management Plan, Attachment 9 - Drawings

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Description of Undertaking	p	Quarries;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folder in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries In Volume 6, Appendix 6B-2 and 6B-3: 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf	Volume 3, Sections 2.0 and 3.0; Volume 3, Appendix 3B, Attachment 6 - Quarry Documents Volume 6, Appendix 6B-2 and 6B-3
	q	Hazardous waste disposal area;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Hazardous Material and Hazardous waste Management Plan
	r	Waste discharge distribution lines;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous waste Management Plan, and, Waste Rock Management Plan
	s	Fuel and chemical storage;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility.pdf, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility.pdf	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 3 & 4 Design Criteria, Attachment 5 - Emergency Response & Spill Contingency Plan, Milne OPEP, Steensby OPEP, Attachment 9 - Tank Farm Drawings

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Description of Undertaking	t	Explosives manufacturing and storage;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 10. Attachment 8 - Explosives	Volume 3, Sections 2.0 and 3.0 Appendix 3B, Attachment 8 - Explosives
	u	Abandoned and/or restored facilities;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 2.0 and 4.0; Appendix 3B, Attachment 10 - Preliminary Mine Closure and Reclamation Plan
	v	Existing on site infrastructure	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 2.0
	w	Others:	NA	No Others	—	—	—
	2	Provide a Mine Plan Overview including:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Section 3.0; Appendix 3B, Attachment 5 - Waste Rock management Plan

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Description of Undertaking	a	Description of the location, physical nature, geology and mineralogy of the ore deposit and host rock.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 1.pdf; Volume 6.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; In Volume 6, Appendix 6B-1 and 6B-2: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf	Volume 1, Section 5.2 (overview); Volume 6, Section 1.0 and 2.0; Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (section 3.0); Volume 6, Section 2.0; Appendix 6B-1, 6B-2
	b	Mine development plan and methods.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Sections 2.0 and 3.0
	c	Description of any existing mine shafts or openings.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 3.0
	d	Description of earthworks for mine development.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Sections 2.0 and 3.0
	e	Milling operations including capacity of the mill.	NA	no onsite milling	—	—	No milling operation
	f	Predicted rate of production.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 3.0
	g	Expected life of the mine.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Sections 1.0 and 3.0

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Description of Undertaking	h	Camp and mine site population projections for each phase of the project.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 5.0



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

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
Environmental Setting	1	Provide a description of the regional and local setting.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 1.pdf; Volume 6.pdf	Volume 1, Section 5.1 - Socio-Economic Setting, Section 5.2 - Biophysical Setting; Volume 6, Sections 1.0 and 2.0
	2	Provide a description of the regional and local surface water regime.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 1.0
	3	Provide a description of receiving lakes (lake id, hydrology, water quality).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Sections 1.0, 2.0 and 3.0
	4	Provide a description of the groundwater regime.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.1.5
	5	Provide a description of the usual break-up and freeze-up periods.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 5.pdf; Volume 7.pdf; Volume 8.pdf	Volume 5, Section 1.1, Volume 7, Section 1.0, Volume 8, Section 2.0
	6	Provide a description of the site conditions, including the location, topography, geologic and hydrologic characteristics, climate conditions and predicted future climate trends, seismicity, permafrost conditions and soil and rock conditions (provide test pit/drill hole logs and laboratory test results).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 5.pdf; Volume 6.pdf; Volume 7.pdf	Volume 5, Section 1.0 Volume 6, Section 2.0; Volume 7, Section 2.0
	7	Provide a description of the ground condition for design and engineering of earthwork infrastructure, including:	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; In Volume 6, Appendix 6B-1, 6B-2 and 6B-3: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Waste Rock Management Plan; Volume 6, Appendix 6B-1, 6B-2 and 6B-3

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
Environmental Setting	a	Interim and permanent waste rock facilities	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0. Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan
	b	Tailings containment area	NA	None on site	—	—	not applicable
	c	Landfills	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0. Volume Appendix 3B, Attachment 5 - Waste Management Plan - Annex 4
	d	Landfarms	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 5, Waste Management Plan, Annex 5
	e	Fuel and chemical storage facilities	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Emergency Response and Spill Contingency Plan, Milne OPEP, Steensby OPEP, Attachment 9 - Tank Farm Drawings
	f	Explosives management areas and facilities	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B: 10. Attachment 8 - Explosives	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 8 - Explosives

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
Environmental Setting	g	Quarries or borrow pits	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folder in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries; In Volume 6, Appendix 6B-1 and 6B-2: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 6 - Quarries Documents; Appendix 6B-1 and 6B-2
	h	Hazardous waste facilities	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5, Hazardous Materials and Hazardous Waste Management Plan
	i	Wastewater treatment facilities	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water, Sewage and Waste water Managment Plan, Attachment 9 - Drawings
	j	Ore stockpiles and waste rock piles	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 5 - Waste Rock Management Plan
	k	Overburden piles	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0. Appendix 3B, Attachment 5 - Waste Rock Management Plan
	l	Dewatering dikes	NA	None on site	—	—	not applicable

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
Environmental Setting	m	Mine rock geochemistry	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; In Volume 6, Appendix 6B-1, 6B-2 and 6B-3: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf	Volume 3 Appendix 3B, Attachment 5 - Waste Rock Management Plan (Annexes 3, 4 and 5); Volume 6, Appendix 6B-1, 6B-2 and 6B-3
	8	Provide a description of the historical uses of the waters affected by the project.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
	9	Provide a description of any traditional uses of water in the project area.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
	10	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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
	11	Provide the following streamflow data in cubic metres per second for each watercourse included in the application: a) - g) (see below)	—	—	—	—	—
	a	mean annual flow;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	b	mean summer flow;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	c	minimum summer flow;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria

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
Environmental Setting	d	minimum annual flow;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	e	mean annual flood;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	f	maximum summer flood;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	g	mean summer flood;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	12	Provide bathymetric information for each water body in the application.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A: 01-Appendix 7A - Hydrology Baseline Report.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents,	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	13	Provide results of any assessment of the permeability of any faults and taliks beneath water bodies.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.0
	14	Provide baseline data and an evaluation of baseline data describing surface and groundwater quality in the project area (physical, chemical, and biological characteristics).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 3.0
Fisheries	15	Provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0
	16	Provide a fisheries assessment including: a) - i) (see below)	NA	See Below	—	—	—

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
Fisheries	a	Detailed area description (including photographic record);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	b	Description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	c	Presence of sensitive habitats (spawning, migration corridors etc.);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	d	Description of aquatic and riparian vegetation;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 6, Section 3.0; Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	e	Fish community and lifestage present;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation

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
Fisheries	f	Depth and width of watercourse;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	g	Max/min water flows, currents, tides;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0; Volume 8, Section 1.2; Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	h	Turbidity and sediment loads (total suspended solids);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 3.0
	i	Sport, commercial, subsistence fishery present.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
Studies	17	Provide a list of baseline studies, reports and plans relevant to the application that have been undertaken to date including: a) - g) (see below)	—	—	—	—	—
	a	Geotechnical studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf; In Volume 6, Appendix 6B-1, 6B-2 and 6B-3: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf	Volume 6, Section 2.1.3; Appendix 6B-1, 6B-2 and 6B-3;
	b	Geochemical studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 6.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 6, Section 2.1.4; Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (Annexes 3, 4 & 5)
	c	Water quality studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A and 7B: 01-Appendix 7A - Hydrology Baseline Report.pdf, 02-Appendix 7B-1 - Water Quality Baseline 2011.pdf, 02-Appendix 7B-2 - Development of Site Specific Water Quality Objectives in Water Quality Assessment.pdf	Volume 7, Section 3.0; Appendix 7A & 7B

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
Studies	d	Hydrological and hydrogeological studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 7, Appendix 7A and 7B: 01-Appendix 7A - Hydrology Baseline Report.pdf, 02-Appendix 7B-1 - Water Quality Baseline 2011.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents	Volume 7, Section 2.0; Appendix 7A - Baseline Hydrology Report; Appendix 7B-1 - Surface water and Sediment Quality Baseline Report; Appendix 3B, Attachment 3 & 4 Design Criteria
	e	Traditional use studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 4.pdf	Volume 4, Section 10.0
	f	Aquatic studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf; In Volume 7, Appendix 7C: 01-Appendix 7C Freshwater Aquatic Habitat and Fish Baseline Report.pdf	Volume 7, Section 4.0; Appendix 7C - Freshwater Aquatic Habitat and Fish Baseline Report
	g	Meteorological studies;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 5.pdf	Volume 5, Section 1.0



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

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
Water Use	1	Provide a detailed description of all types of water uses. (See the NWB definition of "use" in the NWB Guide 2: Terminology and Definitions). Categorize water consumption use(s) as either mining/industrial use and/or domestic use.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan
Water Use: Quality and Quantity Water Intake	2	Provide the name of the primary water source as well as the name of any alternative water source(s).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Figures 3-1.1 to Figure 3-2.9, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan, Environmental Monitoring Plan
	3	Provide a description of the source of water and the location of the water source as shown on a map.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; Volume 7.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Figures 3-1.1 to Figure 3-2.9, Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan, Environmental Monitoring Plan; Volume 7, Section 2.0
	4	Indicate the type of water source(s) as lake, river, well, or other type.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan, Environmental Monitoring Plan
	5	Provide a description of the quality of the water from the source for each season (summer, fall, winter, spring).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 3.0

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
Water Use: Quality and Quantity Water Intake	6	Provide the capacity of the water source.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 2.0
	7	Indicate the amount of water taken from each source and provide a description of the method of extraction including specific pumping rates, pumping procedures and potential for draw down.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan, Environmental Monitoring Plan
	8	Provide the acquisition rate in cubic metres per day and cubic metres per year.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan, Environmental Monitoring Plan
	9	Provide a description of the water intake method including the intake facility, the operating capacity of the pump used, the details of any screening to exclude fish, and the distance the pump will be placed from the ordinary high water mark of the watercourse.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf; In Volume 10, Appendix 10D-2: 02-Appendix 10D-2 - Surface Water, Aquatic Ecosystems, Fish and Fish Habitat Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 10, Appendix 10D-2
	10	Provide a description of the general condition of any existing water intake facility. Rate the condition of the facility as satisfactory or unsatisfactory and explain the rating.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf; see folder in Volume 3, Appendix 3B: 11. Attachment 9 - Drawings	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
	11	Indicate whether water is drawn from the source intermittently or continuously and if intermittently indicate during what months it is drawn and for what period it is drawn (days/weeks/months).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan
	12	Indicate the amount of water to be returned to the source.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan

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
Water Use: Quality and Quantity Water Intake	13	Provide a description of the methods to ensure water returned to source is of an acceptable quality.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan
	14	Provide a description of any hydrostatic testing programs, including water sources, and treatment/disposal requirements.	NA	No hydrostatic testing of tanks use of x-ray instead.	—	—	—
	15	Indicate the quantities of water required for ice road construction and provide a description of the methods of ice road construction.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 2.5.1
	16	Describe measures to reduce water consumption.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan
Water Storage	17	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	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
	18	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	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings

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
Water Storage	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 Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
Water Distribution	20	Provide a description of water distribution systems (i.e.. piped water, trucked)	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
	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 (i.e.. piped water, trucked water).	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
	22	Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Fresh Water Supply, Sewage and waste water Management Plan; Attachment 9 - Drawings
Watercourse Crossings and/or Trainings	23	Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Appendix 3E - Railway Alignment Drawings

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
Watercourse Crossings and/or Trainings	24	Provide a description of any watercourse trainings including channel and bank alterations, culverts, spurs, erosion control, and artificial accretion.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Appendix 3E - Railway Alignment Drawings
Flood Control	25	Provide a description of any flood control structures.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents	no flood control measures; Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria
Diversions	26	Provide a description of any diversions including ditches and dikes.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 09. Attachment 7 - Water Crossings; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 3 & 4 Design Criteria; Attachment 5 - Surface water and Aquatic Ecosystems Management Plan, Waste Rock Management Plan; Attachment 7 - Water Crossings; Appendix 3E - Railway Alignment Drawings
Alterations in flow	27	Provide a description of any activities or structures that could alter the flow of a watercourse including dams, spillways, berms, cofferdams, and dikes.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 09. Attachment 7 - Water Crossings; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 3 & 4 Design Criteria; Attachment 5 - Surface water and Aquatic Ecosystems Management Plan, Waste Rock Management Plan; Attachment 7 - Water Crossings; Appendix 3E - Railway Alignment Drawings
Dewatering	28	Provide a description of dewatering programs, if planned, including estimated quantities, qualities, methods and schedule of withdrawal, end use or discharge location.	NA	Dewatering not anticipated for the project	—	—	not applicable
	29	Provide an estimate of the quality and flow of groundwater that will flow into any open pits.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (Annex 5)

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
Water works	30	For each water work component provide the design plans stamped for construction. Design plans shall consider the following:	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 09. Attachment 7 - Water Crossings 11. Attachment 9 - Drawings;	Volume 3, Appendix 3B, Attachment 3 & 4 - Design Criteria, Attachment 7 , Water Crossing Summary Sheets; Attachment 9 - Drawings
	a	Name of the water body(s) affected.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan, Fresh Water Supply, Sewage and Waste water Managment Plan, Waste Rock Managment Plan; Attachment 7 , Water Crossing Summary Sheets
	b	Site photos, site map, or air photos of the location.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3A: Appendix 3A - Drawings see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings, 13. Attachment 11 - Maps	Volume 3, Appendix 3A - Site Layouts; Appendix 3B, Attachment 7 , Water Crossing Summary Sheets , Attachment 11 - Maps
	c	Description of the existing condition of the site (see section 5).	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; volume 7.pdf	Volume 3, Appendix 3B, Attachment 7 - Water Crossing ; Volume 7, Section 2.0
	d	Details of structures that will be placed in water on a temporary or permanent basis.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 7 - Water Crossing; Appendix 3E - Railway Alignment Drawings

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
Water works	e	In water work timing restriction for fisheries.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Appendix 3B, Attachment 7 - Water Crossing; Appendix 3E - Railway Alignment Drawings
	f	Start and completion dates for construction.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, section 1.0
	g	Construction sequence taking into account any timing restrictions.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 2.0
	h	Methods of installation.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 09. Attachment 7 - Water Crossings 11. Attachment 9 - Drawings; see folder in Volume 3, Appendix 3E: Appendix 3E - Railway Information	Volume 3, Section 2.0; Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 7 - Water Crossings; Attachment 9 - Drawings; Appendix 3E - Railway Drawings
	i	Machinery to be used.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, section 2.0
	j	Sedimentation and erosion control measures.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 5 - Surface water and Aquatic Ecosystem Management Plan, Attachment 7 , Water Crossing Summary Sheets, Existing Conditions at crossing site

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
Water works	k	Construction monitoring plans.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 5 - Surface water and Aquatic Ecosystem Management Plan, Attachment 7 , Water Crossing Summary Sheets, Existing Conditions at crossing site
	l	Assessment of impacts to fish and fish habitat (see Section 6 item 39).	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings; Volume 7.pdf	Volume 3, Appendix 3B, Attachment 7 , Water Crossing Summary Sheets, Existing Conditions at crossing site; Volume 7, Section 4.0
	m	Bank stabilization measures (size range of material).	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 7 , Water Crossing Summary Sheets, Existing Conditions at crossing site
	n	Operation and maintenance plans including instrumentation, monitoring and inspection requirements.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 7 , Water Crossing Summary Sheets, Existing Conditions at crossing site
	o	Contingency plans.	NA	—	—	—	—
	p	Remediation plans.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folder in Volume 3, Appendix 3B: 12. Attachment 10 - Preliminary Mine Closure and Reclamation Plan	Volume 3, Appendix 3B, Attachment 10 - Preliminary Mine Closure Plan
	31	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's Guide 4: Completing and Submitting a Water Licence Application for more information regarding design drawings).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 002 - Executive Summary (English).pdf	Volume 3, Appendix 3B, Executive Summary - Refer to Preamble on availability of "issued for construction drawings"
Predicted Environmental Effects and Proposed mitigation measures	32	Provide a description of the effects of water usage on the river or lake from which water will be drawn.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 2.0
	33	Provide a description of any expected changes in surface water flow or storage.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 2.0

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
Predicted Environmental Effects and Proposed mitigation measures	34	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.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 7, Section 2.0; Volume 3, Appendix 3B, Attachment 7 - Water Crossings
	35	If the course of any channel is changed, provide a description of measures to maintain stream bed and bank stability.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	36	Provide a description of mitigation measures that will be implemented when working in close proximity to water.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	37	Describe 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	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; see folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Appendix 3B, Attachment 7 - Water Crossings; Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	38	Describe 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).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5, Waste Management Plan, Waste Rock Management Plan
Fisheries	39	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.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7 Fish Habitat Compensation
	a	Potential effects on fish or fish habitat;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7

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
Fisheries	b	The area in square metres to be impacted;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7
	c	Measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf; Volume 10.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7 Fish Habitat Compensation; Volume 10, Section 3.5; Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	d	Measures to avoid physical impacts on habitat;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf; Volume 10.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7 Fish Habitat Compensation; Volume 10, Section 3.5; Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	e	Measures to maintain flows and fish passage;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf; Volume 10.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 7, Section 4.0 Volume 10, Appendix 10D-7 Fish Habitat Compensation; Volume 10, Section 3.5; Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	f	Measures to avoid sedimentation;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan

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
Fisheries	g	Measures to avoid spills;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 10.pdf; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf	Volume 10, Section 6.0 Volume 3, Appendix 3B, Attachment 5 - Emergency Response and Spill Contingency Plan
	h	Detailed habitat no-net-loss plan and site restoration plan;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 10, Appendix 10D-7 Fish Habitat Compensation
Studies	40	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date, including: a) - g) (see below)	—	—	—	—	—
	a	Water management plan including water balance;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystem Management Plan
	b	Construction plan and construction schedule for water works;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 1.3
	c	Operation and maintenance plan;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 3, Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Management Plan
	d	Implementation schedule for construction of works, submission of studies and mitigation plans for operations and closures;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf and Volume 10.pdf	Volume 3, Section 1.3 Volume 10, Sections 7.0 and 10.0.
	e	Remediation plans for water works infrastructure;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B: 12. Attachment 10 - Preliminary Mine Closure and Reclamation Plan	Volume 3, Appendix 3B, Attachment 10 - Preliminary Mine Closure & Reclamation Plan

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
Studies	f	Fisheries assessment;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 4.0
	g	Monitoring plan.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 10.pdf; See folder in Volume 10, Appendix 10D: Appendix 10D - Environment Monitoring and Mitigation Plans; In Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans	Volume 10, Section 7.0 and 11.0, Appendices 10D1 to D14; Volume 3, Appendix 3B, Attachment 5 - all management plans included



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Waste Disposal	1	Provide a detailed description of all forms of waste disposal (see the NWB definition of Waste in the NWB <i>Guide 2</i> :	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
		Terminology and Definitions) indicating the type of waste(s) generated and/or to be deposited.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan

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
Waste Disposal: Quality and Quantity	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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan
	4	For each waste facility, provide a description of the construction methods, type and composition of the materials to be used in the construction of the structure, equipment to be used, schedule, quality assurance/ quality control measures, and inspection and maintenance procedures.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; See folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan; Attachment 9 - Drawings
	5	For each waste facility provide the design plans stamped for construction. The designs shall include: a) - v) (see below)	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf; See folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings;	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 3 & 4 - Design Criteria; Attachment 9 - Drawings
	a	A description of the types of waste entering the facility (if applicable, provide a description of the source, type, and quantity of the waste);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan;

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
Waste Disposal: Quality and Quantity	b	The concentration of waste entering the facility;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan;
	c	The geochemical characterization of waste entering the facility, where applicable;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf, 008 - Waste Rock Management Plan.pdf; In volume 6, Appendix 6B-1: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Material and Hazardous Waste Management Plan, Waste Rock Management Plan (Annex 3); Volume 6, Section 2.1.4, Appendix 6B-1
	d	Details of the drainage basin;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 7, Section 1.0 and 2.0 ; Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan
	e	Distance of the facility from watercourses and fish bearing waters;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; see folder in Volume 3, Appendix 3A: Appendix 3A - Drawings; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 3, Section 2.0 and 3.0; Appendix 3A - Layout of Facilities; Appendix 3B, Attachment 7 - Water Crossings, Attachment 6 - Quarries; Volume 10, Appendix 10D-7 - Fish Habitat Compensation

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
Waste Disposal: Quality and Quantity	f	All sources of seepage encountered near watercourse and fish bearing waters as well as the volumes (m3/day) and direction of any seepage;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 6.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 09. Attachment 7 - Water Crossings; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 6, Section 2.1.4, Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan, Attachment 7 - Water Crossings, Attachment 6 - Quarries; Volume 10, Appendix 10D-7 - Fish Habitat Compensation
	g	Existing and proposed drainage modifications;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; Volume 7.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 3, Sections 2.0 and 3.0, Volume 7, Section 2.0; Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan; Volume 10, Appendix 10D-7 Fish Habitat Compensation
	h	Details of retaining structures;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf; See folder in Volume 3, Appendix 3B: 09. Attachment 7 - Water Crossings	Volume 3, Sections 2.0 and 3.0; Appendix 3B, Attachment 5 - Waste Rock Management Plan, Attachment 7 - Water Crossings
	i	Level of treatment (primary, secondary or tertiary);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Waste Disposal: Quality and Quantity	j	By products of treatment which may require further treatment, characterization, handling and disposal;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan
	k	Capacity and retention time of the facility;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan
	l	Identification of final discharge point (last point of control);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan
	m	Method and type of discharge (seasonal, annual, continuous);	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan

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
Waste Disposal: Quality and Quantity	n	Estimated rates for discharge;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan
	o	Restrictions on discharge;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan
	p	Discharge effluent criteria proposed;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan
	q	Receiving water quality objectives;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Waste Disposal: Quality and Quantity	r	Capacity of the receiving environment;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 3.0 and 4.0
	s	Details regarding direction and path of wastewater flow from the area or infrastructure;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; Volume 7.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan ; Volume 7, Section 3.0 & 4.0
	t	Mitigation measures;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan; Volume 10, Appendix 10D-7 Fish Habitat Compensation
	u	Contingency measures;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 3, Sections 2.0 and 3.0 Volume 3, Appendix 3B, Attachment 5 - Surface Water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan, Environmental Monitoring Plan; Volume 10, Appendix 10D-7 Fish Habitat Compensation

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Waste Disposal: Quality and Quantity	v	Remediation objectives;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0; Appendix 3B, Attachment 10 - Preliminary Mine Closure & Remediation Plan;
	6	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's <i>Guide 4: Completing and Submitting a Water Licence Application for more information regarding design drawings</i>).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf,	Volume 3, Appendix 3B, Attachment 5, Waste Management Plan (Annexes)
	7	Describe any measures proposed to minimize the production of wastes.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf,	Volume 3, Appendix 3B, Attachment 5, Waste Management Plan
	8	Provide detailed plans regarding the disposal of any lake bottom sediments	NA	Activity is not planned.	—	—	not applicable
	9	Provide a description of the general condition of any existing waste facilities and provide an explanation if it is unsatisfactory.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 2

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
Predicted Environmental Effects and Proposed mitigation measures	10	Provide detailed treatment plans for discharges from any tailings containment area, as well as treatment plans for discharges from attenuation ponds or reclaim ponds. Water treatment plans should include estimates of treatment efficiency for each parameter of concern and a description of pH adjustment methods.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 3, Attachemnt 5 - Surface Water and Aquaric Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Managment Plan, Environmental Monitoring Plan; Volume 10, Appendix 10D-7 Fish Habitat Compensation
	11	Clearly outline proposed discharge criteria, how the criteria were developed, standards to be applied, and how these criteria will be used to prevent ecological effects in the receiving environment.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 7,.pdf; In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf; 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf, 010 - Environmental Monitoring Plan.pdf; In Volume 10, Appendix 10D-7: 010-Appendix 10D-7D - Fish Habitat Compensation Options.pdf	Volume 7, Section 3.0. Volume 3, Appendix 3B, Attachemnt 5 - Surface Water and Aquaric Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Managment Plan, Environmental Monitoring Plan; Volume 10, Appendix 10D-7 Fish Habitat Compensation
	12	If waste is expected to infiltrate into the ground, provide a description of the sub-surface soil compositions and provide information on groundwater elevations for the project area. Also provide the proximity between the proposed waste disposal system and the groundwater elevation.	NA	Wastes are not expected to infiltrate into the ground	—	—	not applicable
	13	Provide a discussion of the consequences of long-term stratification in any pit lakes and associated contingency plans.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0 Appendix 3B, Attachment 10 - Preliminary Mine Closure and Reclamation Plan

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
Predicted Environmental Effects and Proposed mitigation measures	14	Provide the geochemical characteristics of any quarry or borrow material and the methods used to determine the characteristics.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 6, Appendix 6B-2 and 6B-3: 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf; In Volume 3, Appendix 3B: 08. Attachment 6 - Quarries	Volume 6, Appendices 6B-2 and 6B-3; Volume 3, Appendix 3B, Attachment 6 - Quarries
	15	Provide the geochemical characteristics of host rock, ore, waste rock and tailings and the methods used to determine the characteristics.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	In Volume 6, Appendix 6B-1 : 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 6, Appendix 6B-1; Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (Annex 3)
	16	Provide designs for the fuel tank farm facilities including a description of the nearest water bodies. Provide an evaluation of impacts and mitigation measures in case of a fuel spill.	Y	—	Type A Water Licence Application, Hatch, February 2012	see folders in Volume 3, Appendix 3B: 05. Attachment 3 - Project Wide Documents, 06. Attachment 4 - Site Specific Documents, 11. Attachment 9 - Drawings; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility.pdf, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility.pdf	Volume 3, Appendix 3B, Attachment 3 & 4 Design Criteria; Attachment 5 - Emergency Response and Spill Contingency Plan, Milne OPEP, Steensby OPEP; Attachment 9 - Fuel Tank Farm Drawings
	17	Provide detailed contingency plans for the treatment of turbid water during dewatering activities and/or increased suspended solids during operations (i.e. dewatering).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface water and Aquatic Ecosystems Management Plan
Operations and Maintenance	18	If the project includes sewage and/or solid waste disposal, provide an Operations and Maintenance Manual in accordance with the "Guidelines for the Preparation of an Operations and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories, 1996".	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Attachment 5 - Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan (Annexes)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Hazardous Materials	19	Provide a description of the type of petroleum products, chemicals and/or hazardous materials on site.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Appendix 3B, Attachment 5 - Emergency Response and Spill Contingency Plan, Hazardous Materials and Hazardous Waste Management Plan
	20	Provide details regarding the handling and storage of petroleum products, chemicals or other hazardous or potentially hazardous materials.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf	Volume 3, Sections 2.0 and 3.0 Appendix 3B, Attachment 5 - Emergency Response and Spill Contingency Plan, Hazardous Materials and Hazardous Waste Management Plan
Emergency Response and Spill Contingency	21	Provide an Emergency Response and Spill Contingency Plan (ERSCP) consistent with established Water Board guidelines.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility.pdf, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Appendix 3B, Attachment 5 - Emergency Response and Spill Contingency Plan, Milne Port OPEP, Steensby Port OPEP; Attachment 6 - Quarry management Plan(s), Attachment 8 - Explosives Management Plan
	22	Plan(s) shall address phases of the project including construction, operation, and care & maintenance.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility.pdf, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Appendix 3B, Attachment 5 - Emergency Response and Spill Contingency Plan, Milne Port OPEP, Steensby Port OPEP; Attachment 6 - Quarry management Plan(s), Attachment 8 - Explosives Management Plan

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Emergency Response and Spill Contingency	23	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	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 10.pdf; See ALL folders in Volume 10, Appendices; see folders in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans, 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Volume 10, All Sections. Volume 10, Appendices; Volume 3, Appendix 3B, Attachment 5 - all; Attachment 6 - Quarries (all); Attachment 8 - Explosives (all)
Studies	24	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including design and management decisions. Studies, reports and plans may include: a) - gg) (see below)	—	—	—	—	—
	a	Waste management;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 002 - Emergency Response and Spill Contingency Plan.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Volume 3, Sections 2.0 and 3.0 Appendix 3B, Attachment 5 - Waste Management Plan, Emergency Response and Spill Contingency Plan, Hazardous Materials and Hazardous Waste Management Plan; Attachment 6 - Quarries; Attachment 8 - Explosives
	b	Waste rock management;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 6.pdf; In Volume 6, Appendix 6B: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 6, Section 2.0, Appendix 6B, Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (Anne 3, 4 & 5)
	c	Tailings management;	NA	no tailings onsite	—	—	not applicable

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Studies	d	Metal leaching/acid rock drainage management;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 6.pdf; In Volume 6, Appendix 6B: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 6, Section 2.0, Appendix 6B-1, 6B-2, 6B-3; Volume 3, Appendix 3B, Attachment 5 - Waste Rock Management Plan (Anne 3, 4 & 5)
	e	Landfill management;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf,	Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan (Annex 4)
	f	Landfarm management;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf,	Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan (Annex 5)
	g	Quarry Management;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 6.pdf; In Volume 6, Appendix 6B: 02-Appendix 6B-1 - Interim Ore and Waste Rock Geochemistry Characterization Report.pdf, 03-Appendix 6B-2 - Tote Road Aggregate Sources Geochemistry.pdf, 04-Appendix 6B-3 - Railway Quarries Geochemistry.pdf; See folder In Volume 3, Appendix 3B: 08. Attachment 6 - Quarries	Volume 6, Section 2.0, Appendix 6B, Volume 3, Appendix 3B, Attachment 6 - Quarries
	h	Incineration management;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf,	Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan (Annex 3)
	i	Hazardous waste management;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 009 - Hazardous Materials and Hazardous Waste Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan, Hazardous Materials and Hazardous Waste Management Plan
	j	Water management;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 005 - Surface Water and Aquatic Ecosystems Management Plan.pdf, 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Surface water and Aquatic Ecosystems Management Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Rock Management Plan

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Studies	k	Geotechnical and geothermal assessment;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.0
	l	Permafrost protection;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 6.pdf	Volume 6, Section 2.0
	m	Water quality modeling;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 7.pdf	Volume 7, Section 3.0
	n	Snow drift assessments;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 5.pdf	Volume 5, Section 1.0
	o	Leachate and groundwater collection systems;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 008 - Waste Rock Management Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Waste Management Plan, Section 4, Waste Rock Management Plan
	p	Wastewater treatment;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste water Management Plan

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
Studies	q	Operation and maintenance plan;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste water Management Plan, Waste Managment Plan (Annexes)
	r	Inspection plan;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste water Management Plan, Waste Managment Plan (Annexes)
	s	General monitoring;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Fresh Water Supply, Sewage and Waste water Management Plan, Waste Managment Plan (Annexes), Environmental Management Plan
	t	Tailings monitoring;	NA	no tailings onsite	—	—	not applicable

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Studies	u	Mine site water quality monitoring;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 010 - Environmental Monitoring Plan.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Waste Rock Management Plan, Environmental Monitoring Plan
	v	Receiving water quality monitoring;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	w	Aquatic effects monitoring;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf; In Volume 10, Appendices 10D-13 and 10D-14: 018-Appendix 10D-13 - Biophysical Environmental Effects monitoring Framework.pdf, 019-Appendix 10D-14 - MMER Environmental Effects Monitoring Study Design Framework.pdf	Volume 3, Section 2.0 and 3.0 Appendix 3B, Attachment 5 - Environmental Monitoring Plan; Volume 10, Appendix 10D-13 and Appendix 10D-14
	x	Geotechnical and structural monitoring;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 10.pdf; See folder in Volume 3, Appendix 3B: 06. Attachment 4 - Site Specific Documents; In Volume 3, Appendix 3B, Attachment 5: 008 - Waste Rock Management Plan.pdf	Volume 10, Sections 3.0 and 7.0.; Volume 3, Appendix 3B, Attachment 4 - Mine Site Design Criteria; Attachment 5 - Waste Rock Management Plan

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
Studies	y	Quality assurance and quality control;	Y	—	Type A Water Licence Application, Hatch, February 2012	See folder in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans	included in each monitoring section of all management plans
	z	Spill contingency and emergency response plans;	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 002 - Emergency Response and Spill Contingency Plan.pdf, 003 - Oil Pollution Emergency Plan - Milne Inlet Fuel Storage Facility.pdf, 004 - Oil Pollution Emergency Plan - Steensby Inlet Fuel Storage Facility.pdf; see folders in Volume 3, Appendix 3B: 08. Attachment 6 - Quarries, 10. Attachment 8 - Explosives	Volume 3, Appendix 3B, Attachment 5 -Emergency Response and Spill Contingency Plan, Milne Port OPEP, Steensby Port OPEP; Attachment 6 - Quarry management Plan(s), Attachment 8 - Explosives Management Plan
	aa	Interim and final abandonment and reclamation plans for the mine site;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0 Appendix 3B, Attachment 10 - Preliminary Mine Closure and Reclamation Plan
	bb	Remediation plans for waste disposal infrastructure;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0 Appendix 3B, Attachment 10 - Preliminary Mine Closure and Reclamation Plan

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
Studies	cc	Human health and ecological risk assessment for establishment of remediation objectives for closure;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	Volume 3.pdf; In Volume 3, Appendix 3B, Attachment 10: 002-Preliminary Mine Closure and Reclamation Plan.pdf	Volume 3, Section 4.0 Appendix 3B, Attachment 10 - Preliminary Mine Closure and Reclamation Plan
	dd	The collection of weather data for purposes of mine design;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 5, Appendix 5A: Appendix 5A - Baseline Meteorological Report and Meteorological Instruments Report.pdf; In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 5, Appendix 5A; Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	ee	Construction plan and construction schedule for waste disposal infrastructure;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 1.3 and 2.0
	ff	Implementation schedule for construction of works, submission of studies and mitigation plans for operations and closure;	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 1.3
	gg	Options analysis.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012	Volume 3.pdf	Volume 3, Section 6.0



Appendix 1B-3 - Concordance with EIS Guidelines (NWB)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA'	If 'NA' provide justification	Insert <u>Title, Author and Date of Document</u> where information is provided	Insert electronic file name of document where information is provided	Insert <u>Section of document</u> where information is provided
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. The Monitoring Plan must consider the life of the project, temporary closure and permanent closure.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf, 006 - Fresh Water Supply, Sewage and Wastewater Management Plan.pdf, 007 - Waste Management Plan for Construction, Operation and Closure.pdf, 008 - Waste Rock Management Plan.pdf; See ALLfolders in Volume 10, Appendices 10D	Volume 3, Appendix 3B Attachment 5 - Environmental Monitoring Plan, Fresh Water Supply, Sewage and Waste Water Management Plan, Waste Management Plan, Waste Rock Management Plan; Volume 10, Appendixes 10D-1 to 10D-14
	2	Indicate who is responsible for sampling including that person's position, contact information and level of training.	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf; See folder in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans	Volume 3, Appendix 3B, Attachment 5 Environmental Monitoring Plan; in addition, each managemet plan outlines the roles and respnsibilities for monitoring and reporting
	3	Indicate the name and contact information of the certified laboratory performing the analysis of samples.	NA	To be provided prior to the commencement of construction	—	—	Not available at this early stage of the Project - to be determined at a later stage
	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. The Inspection Plan must consider the life of the project, temporary closure and permanent closure.	Y	—	Mary River Project Final Environmental Impact Statement, Baffinland Iron Mines Corporation, February 2012; Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf, See folder in Volume 3, Appendix 3B: 07. Attachment 5 - Management Plans See ALLfolders in Volume 10, Appendices 10D	Volume 3, Appendix 3B, Attachment 5 - all managemet plans; summary provided in Environmental Monitoring Plan; Volume 10, Appendixes 10D-1 to 10D-14

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
Monitoring	5	Provide a summary table of all monitoring commitments that details all Surveillance Network Program (SNP) locations. The table should include parameter(s), location, frequency, and mining phase, along with, cross-referencing to sub-documents where detailed information is provided. Where appropriate, a map detailing the location of monitoring sites is to be provided.	Y	To be developed during future technical consultations. Existing/conceptual monitoring plans are available.	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	6	Provide a summary table of the expected quality and quantity of waters, over time in all sumps, SNP stations, and discharge points, along with i) if applicable, adaptive management criteria to benchmark if mitigation/contingency are to be implemented, ii) if applicable, water quality criteria, and iii) management action.	Y	Partially developed at present time. To be fully developed after completion of final design work and future technical consultations. Existing/conceptual monitoring plans are available.	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 010 - Environmental Monitoring Plan.pdf	Volume 3, Appendix 3B, Attachment 5 - Environmental Monitoring Plan
	7	Provide a monitoring plan for incinerator emissions (including, but not limited to, stack testing and annual reporting).	Y	—	Type A Water Licence Application, Hatch, February 2012	In Volume 3, Appendix 3B, Attachment 5: 007 - Waste Management Plan for Construction, Operation and Closure.pdf	Volume 3, Appendix 3B, Attachment 5, Waste Management Plan