

Appendix B: CONCORDANCE

CONCORDANCE ASSESSMENT

Nunavut Water Board Mining and Milling
Supplemental Information Guideline (SIG)
for
Mineral Exploration / Remote Camp (MM1)
Modified for Development Works

BACK RIVER PROJECT

September 2017

Note: This completed supplemental information guideline (SIG) for a Mineral Exploration Remote Camp (MM1) and NIRB Guide 9 were used to assess the development application and modified to include monitoring as required for general water works.

1.0 TABLE OF CONTENTS

2.0 MINIMUM APPLICATION REQUIREMENTS (Application Checklist)

3.0 GENERAL WATER LICENCE APPLICATION

4.0 PROJECT DESCRIPTION

5.0 BASELINE INFORMATION

6.0 WATER USE

7.0 WASTE DISPOSAL

8.0 MONITORING

9.0 PROJECT SPECIFIC INFORMATION REQUIREMENTS

APPENDIX A: LIST OF PLANS, REPORT AND STUDIES

2.0 Minimum Application Requirements (Application Checklist)

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert Title, Author and Date of Document where information is provided | Insert electronic file name of document where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------------------------|-------------|---|---|--|---|---|--|----------------------------|
| Minimum Application Requirements | 1 | General Water Licence Application Form (see the NWB's <i>Guide 4: Completing and Submitting a Water Licence Application for a New Licence</i>) or Application for Water Licence Amendment Form, if appropriate (see NWB's <i>Guide 7: Licensee Requirements Following the Issuance of a Water Licence</i>). | Y | n/a | General Water Licence Application Form from Sabina Gold & Silver Corp. to NWB for submission of the Application (Cover Letter) September 2017 (Note: All reports authored by Sabina Gold & Silver Corp. unless otherwise stated) | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Full Document | |
| | 2 | Information required to satisfy the requirements of the SIG including plans, reports and designs. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Full Document | |
| | | | | | NTS Map Sheets, September 2017 | 170913 8BC-BRP---- Attachment B_NTS Sheet | Attachment B - Full Document - NTS Sheets | |
| | | | | | Main Application Supporting Document (MASD); September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Full Document | |
| | | | | | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix B - Full Document - Concordance Assessment | |
| | 3 | Executive summary of Application in English. | Y | n/a | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Executive Summary Section | |
| | 4 | Translated executive summary of Application in appropriate language and dialect. | Y | | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Executive Summary Section | |
| | 5 | Application fee. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 27 | |
| | | | | | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.0, Table 2.1 | |
| | 6 | Water use fee. | n/a | Water use fee paid to Regional Inuit Association (RIA) | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 27 | |
| | | | | Water use fee paid to Regional Inuit Association (RIA) | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.0, Table 2.1 | |

2.0 Minimum Application Requirements (Application Checklist)

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | NWB Concordance Assessment |
|---------------|-------------|---|---|-------------------------------|--|--|---|----------------------------|
| | 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 | n/a | MASD; September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix B - Full Document - Concordance Assessment | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--------------------------|-------------|--|---|-------------------------------|--|--|--|--|----------------------------|
| Applicant | 1 | Provide the full name of the applicant and contact person including contact information (position, phone number, address, fax number and email address). | Y | n/a | General Water Licence Application, September 2017 (Note: All reports authored by Sabina Gold & Silver Corp. unless otherwise stated) | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 1 | n/a | |
| Applicant Representative | 2 | Provide the name and contact information of any party submitting the application on behalf of the applicant (including position, phone number, address, fax number and email address). | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 1 | n/a | |
| | | | | | Type B Application Cover Letter, September 2017 | 170913 8BC-BRP---- Application Cover Ltr | Full Document | n/a | |
| | | | | | Main Application Supporting Document PD (MASD), September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 1.1 | n/a | |
| | 3 | Provide a signed letter authorizing a party to be the applicant's representative in the licensing process. | Y | n/a | Type B Application Cover Letter, September 2017 | 170913 8BC-BRP---- Application Cover Ltr | Full Document | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 2 | | |
| Name of Project | 4 | Provide the name of the project. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 3 | n/a | |
| Location of Undertaking | 5 | Provide coordinates of the project extents | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 4 | n/a | |
| | a | Provide location by Latitude and Longitude (degrees, minutes and seconds). | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 4 | n/a | |
| | b | Provide location by UTM coordinates, if available. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix A-Base Figure | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 4 | n/a | |
| | c | Provide the distances to the nearest communities. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Executive Summary, Section 1.0, 1.2 | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 9 | | |
| | 6 | Indicate whether the drainage basin, in which the project is located, is shared with any other jurisdiction. If applicable, indicate which jurisdiction. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Executive Summary, Section 1.0, 1.2, Appendix A-Base Figure 1 | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--------------------------------|-------------|---|---|-------------------------------|--|--|---|--|----------------------------|
| Map | 7 | Provide a map at a 1:50,000 scale based on the National Topographic Series indicating the location of the undertaking, watercourses and the location of waste deposits. Additional maps at various scales may be provided if those maps will provide additional information or clarification. All additional maps must indicate the scale, map sheet number, and location of north. | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 9 | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix A-Base Figures | n/a | |
| | | | | | NTS Map Sheets, September 2017 | 170913 8BC-BRP---- Attachment B_NTS Sheet | Attachment B | | |
| Nature of Interest in the Land | 8 | Provide the nature of the interest in the land associated with the proposed undertaking, including: | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 6 | n/a | |
| | a | Sub-surface leases from Nunavut Tunngavik Incorporated (NTI) and/or Indian and Northern Affairs Canada (INAC) as well as surface authorizations from INAC for crown land use, a Designated Inuit Organization (DIO) for Inuit Owned Land (IOL) use, or the Government of Nunavut for Commissioner's land use. Provide the permit or licence numbers. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 2.4, Table 2.4-1, Figure 2.4-1 | n/a | |
| | b | The date or expected date of issuance of any authorization and the date of expiry. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 2.4, Table 2.4-1 | n/a | |
| | 9 | Indicate whether the applicant is the name of the entity holding the authorization for the interest in the land and if not, provide the name of the entity holding the authorization. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 6 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 1.1, Section 2.4 | n/a | |
| NPC Determination | 10 | Provide written confirmation from the NPC confirming that NPC's requirements under the NLCA regarding land use plan conformity (Article 11 of the NLCA) have been addressed. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 7 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 2.1 | n/a | |
| NIRB Determination | 11 | Provide written confirmation from the NIRB confirming that NIRB's requirements under the NLCA regarding development impact assessment (Article 12 of the NLCA) have been or are in the process of being addressed. Documentation may include: | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 8 and Block 9 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 2.2 | n/a | |
| | a | Written confirmation from NIRB that the project proposal does not require screening; | Y | n/a | See item 11 above | See item 11 above | See item 11 above | n/a | |
| | b | NIRB's screening determination; | Y | n/a | See item 11 above | See item 11 above | See item 11 above | n/a | |
| | c | If a review is required, NIRB's recommendation to the Minister regarding the type of review; | Y | n/a | See item 11 above | See item 11 above | See item 11 above | n/a | |
| | d | If a review is required, the Minister's written decision regarding the review of the development proposal; | Y | n/a | See item 11 above | See item 11 above | See item 11 above | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--|-------------|---|---|---|--|--|--|--|----------------------------|
| | e | If a review is required, NIRB's project certificate; | Y | n/a | See item 11 above | See item 11 above | See item 11 above | n/a | |
| | 12 | List of activities requested for exception in accordance with NLCA s. 12.10.2; | n/a | activities fall within scope of the Amendment Applications | n/a | n/a | n/a | n/a | |
| | 13 | Indicate whether any Type B water licence application is for an activity to be considered for interim, short term approval in accordance with NLCA s. 13.5.5. | Y | n/a | Type B Application Cover Letter, September 2017 | 170913 8BC-BRP---- Application Cover Ltr | Full Document | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 9 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Section 1.0 | n/a | |
| Description of Undertaking | 14 | See section 4 of this SIG for specific requirements. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 9 | n/a | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Executive Summary, Section 1.5, Section 3.0 (and subsections) | n/a | |
| Other Applicable Supplemental Information Guidelines | 15 | Indicate whether any other Supplemental Information Guidelines apply to the undertaking including the following: | Note: no SIG established for pre-development works and site preparation. SIGs are a tool to support an application; therefore, Sabina has used the mineral exploration/remote camp SIG to support this Type B application as it is consistent for scale of proposed pre-development works in advance of mine development. | | | | | | |
| | a | Hydrostatic testing | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| | b | Tannery | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| | c | Tourist / remote camp | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| | d | Landfarm and on-site storage of hydrocarbon contaminated soil | n/a | If contaminated soils found within the claim they are treated and/or disposed of in accordance with 2BE-GOO1520 and 2BE-GE01520. Mitigation outlined in Attachment C - Appendix D.2 and D.4 | n/a | n/a | n/a | n/a | |
| | e | Onshore oil and gas exploration drilling | n/a | Not a project consideration | n/a | n/a | n/a | c | |
| | f | Mineral exploration/ remote camp | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 11 | n/a | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Appendix B Concordance | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---|-------------|--|---|--|--|--|---|--|----------------------------|
| | g | Advanced exploration | n/a | Ongoing advanced exploration to continue under water licence 2BE-GOO1520 and 2BE-GE01520 | n/a | n/a | n/a | n/a | |
| | h | Mine development | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| | i | Municipal | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| | j | General Water Works | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 11 | n/a | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Attachment C - Appendix B Concordance | n/a | |
| | l | Power | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| Options (Alternatives) | 16 | Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 10 | n/a | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP----Main Application Document | Section 4.0 | | |
| Water Use | 17 | See section 6 of this SIG for specific requirements | Y | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | |
| Water Use: Quality and Quantity | 18 | See section 6 of this SIG for specific requirements | Y | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | See Tab 6.0 Water Use | |
| Waste Disposal | 19 | See section 7 of this SIG for specific requirements | Y | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | |
| Waste Disposal: Quality and Quantity | 20 | See section 7 of this SIG for specific requirements | Y | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | See Tab 7.0 Waste Disposal | |
| Other Authorizations | 21 | Provide a list of any authorizations required in relation to the project in addition to the water licence. For each additional authorization required for the project, provide the name of the authorization, the administering agency, the project activity requiring the authorization, the date or expected date of issuance and the date of expiry. Provide a description of how | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.1 to 2.5, Table 2.3-1, Table 2.4-1, Appendix F | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 16 | n/a | |
| | 22 | Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works if applicable. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.5.4 | n/a | |
| | 23 | Provide a timetable for filing the appropriate plans and procedures required by government parties. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.1 to 2.5, Table 6.1 | n/a | |
| | 24 | Indicate whether the applicant/ licensee holds any existing water licences. If applicable, provide the licence number and expiry date of any existing water licences. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.3, Table 2.3-1 | n/a | |
| Predicted Environmental Effect and Proposed | 25 | Identify the potential effect of water use and waste disposal on the following components: | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB where environmental effects and mitigation measures are evaluated in detail. Reference provided relevant to the scale and scope of the undertaking. | | | | | | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--------------------------------------|-------------|---|--|--|--|--|---|--|----------------------------|
| mitigation measures | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP----General Water Licence Application | Attachment A - Block 17 | n/a | |
| | a | Groundwater and Surface Water including: | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.1.4, Section 5.1.5, Section 5.1.6 | n/a | |
| | | changes in flow (including seasonal rate of flow) | | | | | | | |
| | | quantity | | | | | | | |
| | | quality | | | | | | | |
| | b | Land including: | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.1.1 | n/a | |
| | | geologic structure change | | | | | | | |
| | | soil contamination | | | | | | | |
| | | compaction, settling and erosion | | | | | | | |
| | | alteration of the permafrost regime | | | | | | | |
| | | riparian zone loss | | | | | | | |
| | c | Vegetation including: | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.2.1 | n/a | |
| | | species composition and abundance | | | | | | | |
| | | non-native species introduction | | | | | | | |
| | | accumulation of toxins and heavy metals (in relation to remediation objectives for closure) | | | | | | | |
| | d | Aquatic Ecosystems including: | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.2.3 | n/a | |
| | | fish | | | | | | | |
| | | benthic invertebrates | | | | | | | |
| | | plankton | | | | | | | |
| | 26 | See sections 5, 6 and 7 of this SIG for additional information requirements | Y | defer as identified | defer as identified | defer as identified | defer as identified | defer as identified | |
| Existing and Other User Water Rights | 27 | Provide the names, addresses, and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that that hold licences for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.4.3 | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 18 | n/a | |
| | 28 | Provide a description of any potential effects of the project on the persons or properties identified in item 27 of this section. | n/a | None Identified | n/a | n/a | n/a | n/a | |
| | 29 | Provide a description of the measures incorporated into the project design to mitigate effects of the project on the persons or properties identified in item 27 of this section. | n/a | None Identified | n/a | n/a | n/a | n/a | |
| | 30 | Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users. | n/a | To be resolved prior to the issuance of Type A Water Licence | n/a | n/a | n/a | To be resolved prior to the issuance of Type A Water Licence | |
| Inuit Water Rights | 31 | Provide a description of any potential effects of the project on the quality, quantity, or flow of waters flowing through Inuit Owned Land (IOL). | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.0, Section 5.1.6, Section 5.2.4, Section 5.3.4 | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|-----------------------------|-------------|--|--|--|--|--|---|--|----------------------------|
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 19 | n/a | |
| | 32 | 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. | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 6.0 (All) | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | All Supplemental Documents (SD) D.1 to D.7 (inclusive) | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 23 (list of plans) | n/a | |
| | 33 | Indicate whether an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO); or if the parties have been unable to reach an agreement on compensation | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | n/a | To be resolved prior to the issuance of Type A Water Licence | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.4.1 | To be resolved prior to the issuance of Type A Water Licence | |
| Consultation | 34 | Provide a summary of any consultation meetings including when the meetings were held, where and with whom. | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Block 20 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.6, Table 2.6-1 | n/a | |
| | 35 | Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.6 | n/a | |
| Security | 36 | Provide a financial security assessment that is prepared in a manner consistent with principals respecting mine site reclamation and implementation found in the <i>Mine Site Reclamation Policy for Nunavut</i> , Indian and Northern Affairs Canada, 2002. The financial security assessment must include: | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Block 21 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 6.5, Section 7.3, Appendix D.5 | n/a | |
| | 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 | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | SD D.5 | n/a | |
| | b | The cost of having the necessary reclamation work done by a third-party contractor if the operator defaults; | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | SD D.5 | n/a | |
| | c | Contingency factors appropriate to the particular work to be undertaken. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | SD D.5 | n/a | |
| Abandonment and Restoration | 37 | Provide plans for the abandonment and restoration of facilities. | Section summarized in the context of the overall Back River Project. For additional information refer to the FEIS and FEIS Addendum submitted to NIRB. | | | | | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 6.5, Section 7.3, SD D.5 | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--------------------------|-------------|---|---|-------------------------------|--|--|---|--|----------------------------|
| | 38 | Provide a list and description of any existing abandoned or restored site facilities. | n/a | Not a project consideration | n/a | n/a | n/a | n/a | |
| Financial Information | 39 | Provide a statement of financial responsibility. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 1.1, Section 7.2 | n/a | |
| | 40 | 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. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix E | n/a | |
| | 41 | Provide the name of the corporation, limited company or other business entity, with a list of the officers of the company and a copy of the Certificate of Incorporation or evidence of registration of the company name. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 1.1, Appendix C, Appendix D | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 22 | n/a | |
| Studies and Designs | 42 | Provide a list of studies, reports and plans relevant to the application that have been undertaken to date. | Y | n/a | Type B Application Cover Letter, September 2017 | 170913 8BC-BRP---- Application Cover Ltr | Full Document | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 23 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 6.0 (All), Table 6.1 | n/a | |
| Proposed Time Schedule | 43 | Provide the proposed start and completion dates for each phase of development (construction, operation, closure) and any anticipated periods of seasonal shut down. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 24 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 1.3, Section 1.6, Table 1.6-1 | n/a | |
| Proposed Term of Licence | 44 | Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP----General Water Licence Application | Attachment A - Block 25 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 7.1 | n/a | |
| Annual Reporting | 45 | 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: | Sabina is committed to compliance with terms and conditions of the water licence which is expected to define Annual Reporting requirements. | | | | | | |
| | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 26 | n/a | |
| | a | Water related monitoring results; | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 7.4 | n/a | |

3.0 General Water Licence Application

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|-------------------------|-------------|--|---|---|--|--|---|--|----------------------------|
| | b | A description of how the conditions in any NIRB screening decision related to the NWB mandate have been implemented; | n/a | Screening decision requirements will be imposed where applicable within a licence upon issuance by the NWB. | n/a | n/a | n/a | n/a | |
| | c | Any actions taken in response to direction provided by the Inspector. | n/a | not applicable at this time; new water licence application | n/a | n/a | n/a | n/a | |
| Renewals and Amendments | 46 | If the application is for a renewal or amendment of an existing licence provide the water licence number and the date of water licence expiry. | n/a | New water licence application | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 7.4 | n/a | |
| | 47 | If the application is for a renewal or amendment of an existing licence, provide a compliance assessment/status report. This report must document the status of compliance for each condition of the existing water licence taking into consideration inspector dialogues and inspector directions, responses to inspector dialogues and inspector directions, spills that may have occurred, and any reporting requirements. The report must indicate when facilities were inspected by regulatory agencies and list any spills that may have occurred including a description, location shown on a map, and the action taken to address the affected area. | n/a | New water licence application | n/a | n/a | n/a | n/a | |

4.0 Project Description

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|----------------------------|-------------|--|---|--|--|--|---|--|----------------------------|
| Description of Undertaking | 1 | Provide a complete description of the undertaking with detailed site plan(s) of all infrastructure. Include maps and/or aerial photos with scales that allow the determination of distances between the objects depicted. Differentiate any temporary components from permanent components. Consider the following in providing the description: | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.0 and all subsections, Appendix A | n/a | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 9 | n/a | |
| | a | Camp site; | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | b | Raw water intake; | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.9, Section 3.2.2.6 | n/a | |
| | c | Water storage and treatment facilities; | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | d | 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. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 12 | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| | e | Sewage disposal / treatment facilities; | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | f | Greywater disposal / treatment facilities; | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | g | Solid waste disposal facilities (ie. incinerators); | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n | |
| | | | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A -Block 15 | | |

4.0 Project Description

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---------------|-------------|--|---|--|--|--|---|--|----------------------------|
| | h | Hazardous waste disposal facilities (including waste oil); | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |

4.0 Project Description

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---------------|-------------|--|---|---|--|--|---|--|----------------------------|
| | i | Fuel and chemical storage facilities (including empty barrels); | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA); updated plan provided | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillContingencyPlan-IMLE | Section 1.6, Section 2.0 | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP----Attachment C_Main Application Document | Section 3.1.1.3 Section 3.1.2.4 Section 3.2.2.2 Section 3.2.2.5 | | |
| | j | Traditional water use and land use areas that may be impacted by the project; | Y | n/a | MASD, September 2017 | 170913 8BC-BRP----Attachment C_Main Application Document | Section 5.1.5, Section 5.3.2 | n/a | |
| | k | Transportation access routes and details of water course crossings (see the NWB's SIG for General Water Works (M1)); | Y | n/a | MASD, September 2017 | 170913 8BC-BRP----Attachment C_Main Application Document | Section 3.1, Section 3.1.1.4, Section 3.1.2.6, Section 3.2, Section 3.2.2.4, Section 3.1.2.6, Section 3.1.2.7 | | |
| | | | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP----D1RoadMgmtPlan-IMLE | Supplemental Document (SD) D.1 to the MASD | n/a | |
| | l | Locations of environmental monitoring sites; | Y | n/a | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP----D6EMPP-IMLE | SD D.6 to the MASD: Table 3.3-1, Figures 3.3-1 and 3.3-2 | n/a | |
| | m | Abandoned and/or restored facilities; | Y | n/a | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP----D5InterimCRP-IMLE | SD D.5 to the MASD | n/a | |
| | n | Existing on site infrastructure; | Y | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | MASD, September 2017 | 170913 8BC-BRP----Attachment C_Main Application Document | Section 1.4 | n/a | |
| | o | Others: (describe) | n/a | not requested under this application | n/a | n/a | n/a | n/a | |
| Camp | 2 | Classify the camp as one of following: | | | | | | n/a | |
| | a | Mobile (self propelled) | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | b | Temporary | | | | | | | |
| | c | Seasonally occupied (provide months occupied) | | | | | | | |
| | d | Permanent | Y | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | e | Other: (describe) | n/a | not requested under this application | n/a | n/a | n/a | n/a | |
| | 3 | Provide the design, maximum and average populations of the camp | Y | n/a | MASD, September 2017 | 170913 8BC-BRP----Attachment C_Main Application Document | Section 1.4, Section 3.1.1.1, Section 3.2.1.1 | n/a | |

4.0 Project Description

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---------------|-------------|---|---|--|--|--|---|--|----------------------------|
| | 4 | Provide a description of how the location of the camp was selected. Indicate whether assistance from the Regional Inuit Association Land Manager was obtained in selecting the site. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | 5 | Indicate whether the camp will support exploration projects other than the exploration project proposed in this water licence application. If applicable, provide a list of the other projects that the camp might support. | n/a | not requested under this application | n/a | n/a | n/a | n/a | |

4.0 Project Description

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---------------|-------------|--|---|--------------------------------------|--|--|---|--|----------------------------|
| Exploration | 6 | Indicate whether any of the following activities are proposed: | | Not requested under this application | | | | | |
| | a | Preliminary site visit | n/a | | n/a | n/a | n/a | n/a | |
| | b | Prospecting | | | | | | | |
| | c | Geological mapping | | | | | | | |
| | d | Geophysical surveying | | | | | | | |
| | e | Diamond drilling | | | | | | | |
| | f | Reverse circulation drilling | | | | | | | |
| | g | Evaluation drilling / bulk sampling (see SIG MM2) | | | | | | | |
| | h | Other: (describe) | Y | | | | n/a | | |
| | 7 | Indicate whether drilling activities are: | n/a | | n/a | n/a | n/a | n/a | |
| | a | Land based | | | | | | | |
| | b | Drilling on ice | | | | | | | |
| | 8 | Indicate the type of deposit as one of the following: | | | | | | | |
| | a | Diamond | n/a | | n/a | n/a | n/a | | |
| | b | Gold | n/a | | n/a | n/a | n/a | | |
| | c | Uranium | n/a | | n/a | n/a | n/a | | |
| | d | Lead/Zinc | | | | | | | |
| | e | Other: (describe) | | | | | | | |
| | 9 | Provide a description of any core testing activities done on site. | n/a | | n/a | n/a | n/a | | |

5.0 Baseline Information

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|-----------------------|-------------|--|---|--------------------------------------|--|--|---|--|----------------------------|
| | | | Section summarized in the context of the Back River Project. For additional information refer to the FEIS and FEIS Addendum reviewed by NIRB where environmental baseline provided in detail. Reference relevant to the scale and scope of the undertaking. | | | | | | |
| Environmental Setting | 1 | Provide a description of the site using maps and/or aerial photos with scales that allow the determination of distances between the objects depicted. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix A - Figures | n/a | |
| | 2 | Provide a description of the site history if it has been used in the past. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 1.4 | n/a | |
| | 3 | Indicate whether any baseline information has or will be collected as part of this project. | Section summarized in the context of the Back River Project. For additional information refer to the FEIS and FEIS Addendum reviewed by NIRB. | | | | | | |
| | a | Physical environment | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.1 and subsections | n/a | |
| | b | Biological environment | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.2 and subsections | n/a | |
| | c | Socio-economic environment | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.3 and subsections | n/a | |
| | d | Other: | n/a | not requested under this application | n/a | n/a | n/a | n/a | |
| | 4 | Provide a description of the results of any consultation with Elders regarding the collection of baseline data. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.6, Section 5.3.2 | n/a | |
| | 5 | Provide a description of the historical uses of the waters affected by the project. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.3.2 | n/a | |
| | 6 | Provide a description of any traditional uses of water in the project area. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.3.2 | n/a | |
| Fisheries | 7 | If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area. The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm . Indicate whether the applicant has consulted with DFO and provide the results of any consultation. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 2.5.1, Section 5.2.3 | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment | |
|---------------------------------|-------------|---|---|--|--|--|---|--|----------------------------|--|
| Water Use | 1 | Provide a detailed description of all types of water uses including: (See the NWB definition of "use" in the NWB Guide 2: Terminology and Definitions). Categorize water consumption use(s) as either industrial use and/or domestic use. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1, Section 3.3.2 | n/a | | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment - Block 12 | n/a | | |
| | a | Obtain water for domestic purposes | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | | |
| | b | Obtain water for industrial purposes | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | | |
| | c | To cross a water course | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3, Section 3.1.2.3 | n/a | | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment - Block 12 | n/a | | |
| | | | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.6, Section 3.1.2.7 | n/a | | |
| | | | | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | Supplemental Document (SD) D.1 to the MASD - Section 4.1.3 | | | | |
| | d | To alter the flow of water, or store water | n/a | not a project component | n/a | n/a | n/a | n/a | | |
| | e | Flood control | n/a | not a project component | n/a | n/a | n/a | n/a | | |
| | f | To divert a watercourse | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.6, Section 3.1.2.7 | n/a | | |
| | g | To modify the bed or bank of a watercourse | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3 | n/a | | |
| | | | | | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment - Block 12 | n/a | | |
| | h | Others: dust suppression if needed | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.2 SD D.1 | n/a | | |
| | | | | | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - Section 6.1.1 | | | |
| | 2 | If any of the sub categories c through g of item 1 of this section apply to the project, please refer to the NWB's SIG for General Water Works (M1) | (see Item 15-38 below) | | | | | | n/a | |
| Water Use: Quality and Quantity | 3 | Provide the name of the primary water source as well as the name of any alternative water source(s). | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1 | n/a | | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--|-------------|---|---|-------------------------------|--|--|--|--|----------------------------|
| Water Intake **Identify uses as either domestic or industrial** | | | | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment - Block 13 | n/a | |
| | 4 | Provide a description of the source of water and the location of the water source as shown on a map. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1, Section 3.1.2.9, Section 3.2.2.6 Appendix A- Base Figures | n/a | |
| | 5 | Indicate the type of water source(s) as lake, river, well, or other type. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1 | n/a | |
| | 7 | Provide the capacity of the water source. | n/a | minor use | n/a | n/a | n/a | n/a | |
| | 8 | Provide the acquisition rate in cubic metres per day and cubic metres per year. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1 | n/a | |
| | 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 | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1 | n/a | |
| | 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. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 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 | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1 | n/a | |
| | 12 | Indicate the amount of water to be returned to the source. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 13 | Provide a description of the methods to ensure water returned to source is of an acceptable quality. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.3, Section 3.3.4, Section 3.2.2.6 | n/a | |
| | | | Y | n/a | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP---- D6EMPP-IMLE | SD D.6 to the MASD, Section 3.3-1 | | |
| | 14 | Provide a description of any measures to reduce water consumption. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Water Storage | 15 | Provide a description of any water storage facilities including the type (reservoir/pond, storage tank), location, design, and the water storage volume in cubic meters. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 16 | If the water storage facility is a reservoir, indicate whether the reservoir is lined, the type of liner and when it was or will be installed. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 17 | Indicate whether a storage reservoir is created in a natural channel. If applicable, provide plan and profile drawings of the reservoir including the size of the drainage basin upstream of the reservoir, topographical plan showing the drainage area boundary, number of hectares flooded, surface area of the reservoir at full capacity, storage capacity, and details of shoreline protection. | n/a | not a project component | n/a | n/a | n/a | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|-----------------------|-------------|---|---|-------------------------------|--|--|---|--|----------------------------|
| | 18 | Provide a plan showing representative cross sections of the reservoir. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 19 | Provide a description of the general condition of any existing water storage facility and provide an explanation if it is unsatisfactory. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Water Distribution | 20 | Provide a description of water distribution systems (ie. piped water, trucked) including the number of people on each system. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 21 | For each phase of development, calculate the total water consumed per day (L/day) by multiplying the estimated number of persons on the system by the estimated average water consumption (Litres/ capita/day). Calculate the total water consumed for each individual distribution system if more than one is used (ie. piped water, trucked water). | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 22 | Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Watercourse Crossings | 23 | Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads and its purpose. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3, Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| | | | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - Section 4.1.3 | | |
| | 24 | Indicate whether a temporary detour road is required to construct the watercourse crossing. If applicable, provide a schematic drawing that shows the location of the proposed detour road, any watercourse crossings to be constructed to facilitate the detour road, and the type of crossing. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 25 | Provide a plan of any watercourse crossing showing cross section and elevations | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - Figure 4.1-1 | n/a | |
| Watercourse Trainings | 26 | Provide a description of any watercourse trainings including channel and bank alterations, culverts, spurs, erosion control, and artificial accretion, and its purpose. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| Flood Control | 27 | Provide a description of any flood control structures and its purpose. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Diversions | 28 | Provide a description of any diversions including ditches and dikes, and its purpose. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| Alterations in flow | 29 | Provide a description of any activities or structures that could alter the flow of a watercourse including dams, spillways, berms, cofferdams, and dikes, and its purpose. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| | 30 | Indicate whether the natural storage capacity or water level of any lake or pond will be altered. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 31 | If the alteration involves a dam, provide a plan showing the length, height, cross section and elevations of the dam and the location and preliminary designs of spillways, canals, sluice pipes, and any other outlet work. | n/a | not a project component | n/a | n/a | n/a | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|----------------------|-------------|--|---|-------------------------------|--|--|---|---|----------------------------|
| Dewatering | 32 | Provide a description of dewatering programs, if planned, including estimated quantities, qualities, dewatering flow rates, methods and schedule of withdrawal, end use or discharge location. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Identification | 33 | Indicate whether there are any signs identifying past or present water intake, storage, distribution systems and/or waterwork structures presently in the project area. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Modifications | 34 | Indicate whether any changes are planned for the water intake, storage, distribution systems and/or waterwork structures. If applicable, see item 35 of this section. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Proposed Water works | 35 | For each proposed water work component provide design plans. Design plans shall consider the following: Culvert | | | | | | | |
| | a | Name of the water body(s) affected. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1, Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| | b | Site photos, site map, or air photos of the location. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Appendix A | n/a | |
| | c | Description of the existing condition of the site (see section 4) | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3 | n/a | |
| | d | Indicate whether any structures will be placed in water on a temporary, seasonal or permanent basis and provide a description of when and how the structure will be removed. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.3.1, Section 3.1.2.6, Section 3.1.2.7 | n/a | |
| | e | The design flood flow in cubic metres per second and its return period for the type of structure proposed. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3 | n/a | |
| | f | An explanation of the rationale for the selected design flow flood and its return period. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3 | n/a | |
| | g | Design drawings in plan and profile, drawn to scale, including all relevant dimensions. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - Figure 4.1-1 | n/a | |
| | h | Details of design parameters including seismic design criteria if applicable. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.2.3, Section 3.1.2.6, Section 3.1.2.7 | Sabina confirms they will submit to the NWB for review 30 days prior to construction, construction drawings stamped by an Engineer for any engineered facilities proposed for development works | |
| | i | In water work timing restriction for fisheries. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | j | Start and completion dates for construction. | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment - Block 24 | n/a | |
| | k | Construction schedule and sequence taking into account any timing restrictions. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | l | Construction methods. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---|-------------|---|---|---|--|--|---|--|----------------------------|
| | m | Equipment to be used. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | n | A description of the source, type, and composition of material used in construction. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | o | The quantity of material to be either placed into or removed from the watercourse. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | p | Sedimentation and erosion control measures. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | q | Construction monitoring plans. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | r | Construction quality assurance and quality control measures. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | s | Assessment of impacts to fish and fish habitat (see item 46 of this Section). | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | t | Bank stabilization measures (including the size range of material if applicable). | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | u | Operation and maintenance plans including instrumentation, monitoring and inspection requirements | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | v | Contingency plans | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | w | Re-vegetation plans | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| | x | Proposed post construction monitoring (photos taken of the site before construction, during construction, and after construction; photos should be taken from the same reference point for easy comparison) | Y | n/a | n/a | n/a | n/a | To be provided in Construction Summary Report required by a water licence | |
| | y | Abandonment and restoration plans (see items 46 and 47 of Section 3). | Y | n/a | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP---- D5InterimCRP-IMLE | SD D.5 to the MASD | n/a | |
| | 36 | 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 | Final Design details to be provided 60 days prior to construction | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | | |
| | 37 | If geotextile is used or a similar material to prevent the transport of sediment into a watercourse, provide the technical specifications for the proposed material as well as the location, extent and placement method for the material. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 38 | If rip rap is used or a similar material for erosion protection, provide information regarding the minimum and maximum sizes of the material and the gradation between those limits. Indicate the quantity to be used and its source. | Y | n/a | Road Management Plan, August 2017 | 170913 8BC-BRP---- D1RoadMgmtPlan-IMLE | SD D.1 to the MASD - full document | n/a | |
| Predicted Environmental Effects and Proposed mitigation measures | 39 | Provide a description of the effects of water usage on the source from which water will be drawn, including the potential for drawdown. | n/a | not a project component | n/a | n/a | n/a | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|------------------|-------------|---|---|-------------------------------|--|--|---|--|----------------------------|
| Fisheries5073:80 | 40 | If applicable, provide a description of any potential impacts to fish and/or fish habitat. (Indirect effects may include project effects, water quality, or aquatic organisms. Direct effects may include degradation or alteration of fish habitat). The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm . | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 5.1.5, Section 5.1.6, Section 5.2.3, Section 5.2.4 | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert Title, Author and Date of Document where information is provided | Insert electronic file name of document where information is provided | Insert Section of document where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--------------------------------------|-------------|---|---|--|---|---|--|--|----------------------------|
| Waste Disposal | 1 | Provide a detailed description of all types of waste and all forms of waste disposal including: (see the NWB definition of Waste in the NWB <i>Guide 2: Terminology and Definitions</i>) | Y | n/a | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 14 | n/a | |
| | a | Sewage | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | b | Grey water | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | c | Solid waste | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | d | Bulky items/ scap metal | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | e | Hazardous waste including waste oil | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP---- D4ComprehensiveSpillContingencyPlan-IMLE | Supplemental Document (SD) D.4 to the MASD - Section 2.0 | n/a | |
| | f | Empty barrels of fuel | Y | n/a | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP---- D4ComprehensiveSpillContingencyPlan-IMLE | Section 1.6, Section 2.0 | n/a | |
| | | | | | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.1.3, Section 3.1.2.4, Section 3.1.2.5, Section 3.2.2.4 Section 3.2.2.5 | | |
| | g | Drill cuttings | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | h | Other: Desalination Discharge | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.2.2.6 | n/a | |
| 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. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 15 | n/a | |
| | 3 | For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | General Water Licence Application, September 2017 | 170913 8BC-BRP---- Attachment A_Application Form | Attachment A - Block 15 | n/a | |
| | 4 | If an incineration system is proposed, provide a description of the system and the types of wastes that will be incinerated. | Y | Authorized by: 2BE-GEO 1520 (MLA) | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Incinerator referenced in Section 3.2.1.1 | n/a | |
| | 5 | Provide a description of how non-combustible wastes will be disposed. If disposal at a municipality in Nunavut is proposed, indicate whether authorization has been granted. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.1.1.1, Section 3.2.1.1 | n/a | |
| | 6 | If sumps are proposed, provide a description of their location relative to water bodies and camp facilities, dimensions, volume, and freeboard. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| | 7 | Provide a description of any measures to minimize the production of wastes. | Y | n/a | MASD, September 2017 | 170913 8BC-BRP---- Attachment C_Main Application Document | Section 3.2.1.1 | n/a | |

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

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert <u>Title, Author and Date of Document</u> where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert <u>Section of document</u> where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|--|-------------|---|---|--|--|--|---|--|----------------------------|
| Predicted Environmental Effects and Proposed mitigation measures | 8 | Indicate whether the water supply and waste treatment and disposal methods have been used and proven in cold climates. | n/a | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | n/a | n/a | n/a | n/a | |
| | 9 | Provide a description of any potential operational and maintenance problems that may occur. | n/a | not a project component | n/a | n/a | n/a | n/a | |
| Operations and Maintenance | | | | | | | | | |
| Hazardous Materials | 10 | Provide a description of the type and quantities of drilling additives, petroleum products, chemicals and/or hazardous materials on site (<u>MSDS sheets are not required to be submitted as part of the water licence application</u>). | Y | n/a | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillCo ntingencyPlan-IMLE | SD D.4 Full Document | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | |
| | 11 | Provide details regarding the handling and storage of hazardous or potentially hazardous materials. | Y | n/a | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillCo ntingencyPlan-IMLE | SD D.4 Full Document | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | |
| Emergency Response and Spill Contingency | 12 | Provide an Emergency Response and Spill Contingency Plan (ERSCP) that includes mechanisms and processes for addressing potential or actual failure of structures, response equipment and material storage, and programs for providing appropriate training to workers. The plan shall address all | Y | n/a | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillCo ntingencyPlan-IMLE | SD D.4 Full Document | Authorized by: 2BE-GOO1520 (Goose) and/or 2BE-GEO 1520 (MLA) | |

8.0 Monitoring

| Section Title | Section No. | Information Requirement | Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA ' | If 'NA' provide justification | Insert Title, Author and Date of Document where information is provided | Insert electronic file name of document where information is provided | Insert Section of document where information is provided | If information is not available at the time of application, indicate when the information will be made available | NWB Concordance Assessment |
|---------------|-------------|---|---|--|---|---|--|--|----------------------------|
| Monitoring | 1 | Provide a Monitoring Plan including a description of the methods, procedures, standards, and schedules proposed. Monitoring may be required for water use, effluent, surface and/or groundwater water quality, quantity, or flow; ground temperature; ground settlement; etc. | Section summarized in the context of the Back River Project. For additional information refer to the FEIS and FEIS Addendum reviewed by NIRB. | | | | | | |
| | | | Y | n/a | Environmental Management and Protection Plan, August | 170913 8BC-BRP----D6EMPP-IMLE | Supplemental Document (SD) D.6 to the MASD, | n/a | |
| | 2 | Indicate who is responsible for sampling including that person's position, contact information and level of training. | Y | n/a | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP----D6EMPP-IMLE | SD D.6 to the MASD, Section 3.5 | n/a | |
| | 3 | Indicate the name and contact information of the certified laboratory performing the analysis of samples. | n/a | Licence requirement if so established by the NWB | n/a | n/a | n/a | To be provide on issuance of licence (if required) | |
| | 4 | Provide an Inspection Plan including a description of the methods, procedures, standards, and schedules proposed. Inspections may be required for engineered facilities related to the management of water and waste as well as spills. | Y | n/a | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP----D6EMPP-IMLE | SD D.6 to the MASD - Section 3.6 and subsections | n/a | |
| | | | | | Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillContingencyPlan-IMLE | Appendix D-4 Full Document | n/a | |
| | 5 | Provide a Quality Assurance/ Quality Control (QA/QC) Plan that addresses both field sampling and laboratory analyses. | n/a | Licence requirement if so established by the NWB | n/a | n/a | n/a | To be provide on issuance of licence (if required) | |
| | 6 | Provide a summary table that details the monitoring plan. The table should include stations numbers, location, parameter(s) and frequency. Provide a map detailing the location of monitoring sites. | Y | n/a | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP----D6EMPP-IMLE | SD D.6 to the MASD - Table 3.3-1 Table 3.3-2 | n/a | |

9.0 Project Specific Information Requirements (PSIR)

As determined based on the NIRB decision for those terms and conditions related to the document under review
PSIR's will only be issued following a positive Environment Assessment Review determination by NIRI

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author and Date of Document where information is provided | Insert electronic file name of document where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|---------------------|--|--|---|--|---|--|---|---|---|--|----------------------------|
| 1. | Sabina | Air Quality Monitoring and Management Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To provide parties with updated information on air quality baseline information and monitoring conducted on-site. | The Proponent shall have in place an Air Quality Monitoring and Management Plan, which shall include the following: a. Description of air monitoring stations including proposed timing of installation, location, and any factors considered with regards to planning for the installation; b. Plans for the collection of total suspended dust samples year round, including sampling for metals content relevant to the Project; c. Description of dustfall collectors; d. Description of lichen surveys; e. Identification of near field, far field and reference sites locations with demonstrated consideration for ambient wind conditions; f. Baseline data collected prior to significant construction activity; and g. A description of the proposed annual reporting mechanism and response framework. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP----D1RoadMgmtPlan-IMLE | Supplemental Document (SD) SD D.1 to the MASD | |
| 2. | Sabina | Air Quality Mitigation and Adaptive Management | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that mitigation and adaptive management measures effectively mitigate impacts on-site. | The Proponent shall demonstrate through monitoring of air quality that all emissions remain within predicted levels and, where applicable, within limits established by all applicable guidelines and regulations. In cases where exceedances occur, the Proponent shall provide an explanation for the exceedance, a description of planned mitigation, and shall conduct additional monitoring to evaluate the effectiveness of mitigative measures. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 3. | Sabina | Air Quality Monitoring and Management Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that mitigation and adaptive management measures effectively mitigate dust impacts on-site. | The Proponent shall have in place dust management and monitoring plans which address the following items: a. Reflect commitments made in the Final Environmental Impact Statement, the Final Environmental Impact Statement Addendum, and through the Nunavut Impact Review Board's impact assessment process; b. Verify commitments to use dust suppressants on-site, including a description of the type of suppressant to be used, as well as the frequency and timing of applications to be made throughout the periods of applicable use; c. Specify commitments to the use of appropriate dust suppression measures when conducting activities in the landfill such as topping or capping; d. Outline the specific adaptive management measures to be considered should monitoring indicate that dust deposition is higher than predicted, specifically where project-related traffic is greater than initially expected or where meteorological events have instigated additional deposition; and e. Demonstrate consideration for the implementation of alternative methods (e.g., windscreens) to limit the deposition of dust generated from the Project. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 4. | Sabina | Incineration Management Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that waste management operations are conducted in line with regulatory guidelines. | The Proponent shall develop and implement an Incineration Management Plan that demonstrates consideration for the recommendations provided in Environment and Climate Change Canada's Technical Document for Batch Waste Incineration (2010). | N | not a project component for development works | | | | | |
| 5. | Sabina | Stack Monitoring | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To monitor waste management operations. | The Proponent shall provide the results of all stack testing conducted on temporary or permanent incinerators operated for the Project for the year in which testing was conducted. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 6. | Sabina | Greenhouse Gas Reduction Plan | Construction, Operations, Temporary Closure/Care and Maintenance, and Closure | To monitor and reduce greenhouse gas emissions produced by the Project. | The Proponent shall maintain a Greenhouse Gas Emissions (GHG) Reduction Plan which includes: a. An estimate of the Project's GHG baseline emissions; b. A description of monitoring measures to be undertaken, including the methods, frequency, parameters, and a description of data analysis; and c. A description of mitigative and adaptive strategies planned, and taken, toward reducing the project-related emission of greenhouse gases over the Project's life. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 7. | Sabina | Mine Closure and Reclamation Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure mitigation, monitoring, and adaptive management measures are in place for the long-term stability, containment, and integrity of project components and the protection of environmental features. | The Proponent shall maintain a Mine Closure and Reclamation Plan designed to: identify the processes that may act upon the mine components after closure and reclamation so that they can be factored within the design and operation of the mine; ensure physical and chemical stability of mine components that remain after closure; ensure mine components that remain after closure will not require long-term active care; and consider future use and aesthetics of the area with the surrounding lands. This plan should include: a. An adaptive management component that documents monitoring and mitigation measures to ensure long-term containment of the Tailings Storage Facility and Waste Rock Storage Areas; b. Details for monitoring the thermal condition and stability of storage facilities; c. Details on the triggers for implementing alternative mitigation options; d. Details pertaining to ongoing monitoring and research being conducted to supplement the adaptive management protocols; e. Details on the plans to maintain the integrity of the groundwater quality within and adjacent to the Project; and f. Details on how the Proponent will carry out continued analyses over time to confirm or update the approximate fill time for the mine pits. | Y | Only as it relates to scope and scale of development work activities | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP----D5InterimCRP-IMLE | SD D.5 to the MASD | | |
| 8. | Sabina | Weather Monitoring and Adaptive Management | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To monitor local weather and adaptively manage potential impacts from extreme or abnormal weather conditions. | The Proponent shall provide a summary report of meteorological conditions experienced within the project area including details related to temperature, wind velocities and patterns, precipitation, as well the onset of seasonal freeze and thaw cycles, and highlight extreme or outlying weather events. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 9. | Sabina | Noise Reduction | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, and Final Closure | To ensure worker health and safety. | The Proponent shall demonstrate consideration for noise reduction measures when siting and constructing both the Goose Property and Marine Laydown Area camps. Further, the Proponent shall demonstrate that noise levels will remain within reasonable limits and no further mitigation (e.g. additional sound proofing) is required. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 10. | Sabina | Noise Reduction | Construction and Operation | To ensure worker health and safety. | The Proponent shall demonstrate its consideration of options to further mitigate noise generated from project activities, equipment, and components during normal operations as well as from project activities, equipment, and components that would remain operational during staged reduction events (e.g., noise barriers, acoustic insulation, exhaust silencers). | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 11. | Sabina | Permafrost Mapping and Monitoring | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To monitor and plan for changing permafrost conditions. | The Proponent shall conduct further permafrost mapping to document permafrost temperature, thickness of seasonal thaw and amount of ground ice in the project development area. This information will be made available to inform the detailed design of project infrastructure. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 12. | Sabina | Permafrost Monitoring | Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To monitor and mitigate impacts from the Project on permafrost. | The Proponent shall monitor the effects of the Project on permafrost conditions relative to project infrastructure, including associated roads, waste rock stockpiles, trails, and quarries. Should permafrost degradation be observed, the Proponent shall report on measures implemented to restore and promote permafrost integrity. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 13. | Sabina | Sensitive Landform Mitigation and Monitoring | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate project impacts on sensitive landforms. | The Proponent shall undertake additional geotechnical investigations as required to identify sensitive landforms, modify engineering design for project infrastructure (e.g., tailings storage facilities, waste rock piles, and landfill), and develop and implement mitigation and monitoring measures to prevent or minimize the impacts of the Project's activities and infrastructure on sensitive landforms. Plans for the investigations, mitigation, and monitoring measures are to be included within appropriate management plans. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 14. | Sabina | Waste Management Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure waste management is protective of the surrounding environment. | The Proponent shall provide a Waste Management Plan that describes how the local environment, including permafrost integrity and water quality, will not be harmed by wastes at project landfills. The Proponent shall demonstrate that the use of liners at waste management facilities has been considered and adopted, wherever feasible. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 15. | Sabina | Progressive Reclamation Plan | Pre-construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that project components, areas, and infrastructure are progressively reclaimed throughout the life of the Project. | The Proponent shall have in place a plan for the progressive reclamation of project components, areas, and infrastructure throughout the life of the Project. The plan shall detail: a. projected timelines for the reclamation of project features, methodologies for undertaking such activities, and monitoring measures to ensure the effectiveness of reclamation methods employed; b. specific measures for adaptive management and triggers for their application, should monitoring results reveal trends that could affect the reclamation and closure objectives; and, c. how Inuit Qaujimajatuqangit and Traditional Knowledge was collected, and used to inform closure plans and the design of project components. | Y | Only as it relates to scope and scale of development work activities | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP----D5InterimCRP-IMLE | SD D.5 to the MASD | | |
| 16. | Sabina | Aggregate Sources | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, and Closure | To inform parties on the quarry or borrow materials required for the development of project infrastructure. | The Proponent shall develop site-specific quarry operation and management plans in advance of the development of any potential quarry site or borrow pit. | Y | Only as it relates to scope and scale of development work activities | | Quarry Management Plan, August 2017 | 170913 8BC-BRP----D3QuarryMgmtPlan-IMLE | SD D.3 to the MASD | |
| 17. | Sabina | Monitoring of Tailings and Treatment Sludges | Operations, Temporary Closure/Care and Maintenance | To mitigate potential impacts to the receiving environment caused by remobilization of arsenic. | The Proponent shall conduct tests of the tailings and treatment sludges as they are produced to evaluate the potential for remobilization of arsenic from these materials. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author and Date of Document where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|--|--|--|--|--|---|--|---|---|--|--|----------------------------|
| 18. | Sabina | Geotechnical Characterization Program | Pre-Construction, Construction, Operations | To minimize the impacts of contaminated water to the groundwater and receiving environment. | The Proponent shall undertake an infill geotechnical characterization program to determine the extent of the fractured bedrock contact zone and apply proposed mitigation measures as necessary. The program should include permeability testing, seepage analysis and planning for thermal monitoring of the western ridge, where appropriate. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 19. | Sabina | Saline Water | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To manage saline groundwater and minimize the impacts to permafrost, soil, surface water, vegetation and wildlife. | The Proponent shall, reflecting any direction from the Nunavut Water Board, maintain a saline water management plan which includes monitoring of thermal conditions, monitoring of saline water at the Goose site, and mitigation measures designed to address the potential for higher-than- predicted volumes of saline water inflows into the open pits and the underground mine, treatment and disposal methods. The plan should include accurate characterization of saline water inflows into the underground mine workings. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 20. | Sabina | Thermal Monitoring | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize the impacts of contaminated water to the groundwater and receiving environment. | The Proponent shall develop a thermal monitoring plan to address the potential changes in permafrost/talik distribution, flow distribution and flow paths that may be directly or indirectly affected by the Project facilities and activities. Thermal monitoring should be considered at a minimum for the critical cross sections of the Main Dam, Lama Pit, and Umwelt Pit. | NA | not a project component for development works | To be implemented in accordance with Project Certificate | | | | |
| 21. | Sabina | Aquatic Effects Monitoring Plan | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To mitigate potential impacts to groundwater and surface waters. | The Proponent shall, reflecting any direction from the Nunavut Water Board, maintain an Aquatic Effects Monitoring Plan (AEMP) designed to: - determine the short and long-term effects in the aquatic environment resulting from the Project; - evaluate the accuracy of Project effect predictions; - assess the effectiveness of mitigation and management measures on Project effects; - identify additional mitigation measures to avert or reduce environmental effects due to Project activities; and - comply with Metal Mining Effluent Regulations requirements, should an Environmental Effects Monitoring program be triggered. The AEMP should include sufficient sampling and monitoring programs to appropriately characterize the receiving environment to ensure that adequate data is available to assess impact predictions made within the Final Environmental Impact Statement. | Y | Only as it relates to scope and scale of development work activities | | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP-----D6EMPP-IMLE | SD D.6 to the MASD | |
| 22. | Sabina | Site Water Monitoring and Management Pan | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance and Closure and Post-Closure Monitoring | To minimize the use of natural waters as practicable and limit potential impacts to the receiving environment from contact (site) water. | The Proponent shall, reflecting any direction from the Nunavut Water Board, maintain a Site Water Monitoring and Management Plan designed to: minimize the amount of water that contacts mine ore and wastes; appropriately manage all contact water and discharges to protect local aquatic resources; and, implement water conservation and recycling to maximize water reuse and minimize the use of natural waters. The plan should include monitoring that demonstrates contact water (runoff and shallow groundwater) from the ore storage and waste rock storage areas is adequately captured and managed, as per the Mine Waste Rock Management Plan. | Y | Only as it relates to scope and scale of development work activities | | MASD, September 2017 | 170913 8BC-BRP-----Attachment C_Main Application Document | Section 3.3 | |
| 23. | Sabina | Setbacks | Construction, Operations, Temporary Closure/Care and Maintenance and Closure | To mitigate impacts of runoff/sedimentation into freshwater aquatic habitat. | The Proponent shall maintain an appropriate setback distance between project quarries and fish-bearing or permanent waterbodies, or implement appropriate mitigation measures, as required to prevent acid rock drainage or metal leaching into such waterbodies. | Y | Only as it relates to scope and scale of development work activities | | Quarry Management Plan, August 2017 | 170913 8BC-BRP-----D3QuarryMgmtPlan-IMLE | SD D.3 to the MASD | |
| 24. | Sabina | Watercourses | Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To prevent blockages or restrictions to fish passages. | The Proponent shall ensure that all project infrastructure in watercourses are designed and constructed in such a manner that they do not unduly prevent and limit the movement of water in fish bearing streams and rivers, unless otherwise authorized by Fisheries and Oceans Canada. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 25. | Sabina, Fisheries and Oceans Canada | Blasting | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance and Closure. | To mitigate impacts of explosives use on fish and fish habitat. | The Proponent shall engage with Fisheries and Oceans Canada in exploring possible project specific thresholds, mitigation and monitoring for blasting that would exceed the requirements of Fisheries and Oceans Canada's <i>Guidelines for the Use of Explosives in or Near Canadian Fisheries Waters</i> (D.G. Wright and G.E. Hopky, 1998). | Y | Only as it relates to scope and scale of development work activities | | Quarry Management Plan, August 2017 | 170913 8BC-BRP-----D3QuarryMgmtPlan-IMLE | SD D.3 to the MASD | |
| 26. | Sabina, the Kitikmeot Inuit Association, Fisheries and Oceans Canada | Fish Passage | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize potential impacts to the migration of Arctic Grayling. | The Proponent shall engage Fisheries and Oceans Canada, the Kitikmeot Inuit Association, and other interested parties during the regulatory phase on the design, construction, and operation of adequate fish passage to permit migration of Arctic Grayling from Goose Lake to natural spawning and rearing habitat located in upper Rascal Stream East, south of the planned airstrip. Any additional information required to ensure the design of the fish passage will be completed prior to significant construction activities at the Goose Property. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 27. | Sabina, Nunavut Water Board, Fisheries and Oceans Canada | Water Withdrawal Sites | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize impacts to freshwater fish habitat that may be used for water withdrawal. | The Proponent shall provide bathymetry, depth, and location of proposed water withdrawal sites, volumes to be extracted, anticipated water level decreases, and fish habitat features within each waterbody proposed to be used for winter water withdrawal in support of the annual construction of the winter ice roads. If additional waterbodies are required the Proponent shall provide all required information on the additional proposed lakes prior to the use of the waterbodies. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 28. | Sabina | Winter Ice Road | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To mitigate impacts to fish and fish habitat. | The Proponent shall implement all applicable Fisheries and Oceans Canada best management practices to avoid and mitigate serious harm to fish as a result of the construction, operation, and decommissioning of winter ice roads, and from under ice water withdrawals. This includes adequately screening the water intakes pipes to prevent impingement and entrainment of fish. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 29. | Sabina | Water Crossings | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To mitigate impacts to fish and fish habitat. | The Proponent shall implement all applicable Fisheries and Oceans Canada best management practices to avoid and mitigate serious harm to fish as a result of water crossing construction, operation, and decommissioning for all fish-bearing water crossings. These measures should include, but are not limited to, appropriate design of water crossings to facilitate fish passage at both high and low flows, timing windows that incorporate spawning, incubation and hatch times for all species using watercourses, sediment and erosion control, protection of riparian vegetation, and other forms of bank stabilization. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 30. | Sabina | Monitoring Program for Culverts | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize the impacts to fish bearing watercourses. | Unless otherwise directed by Fisheries and Oceans Canada, the Proponent's monitoring program for culverts on fish bearing watercourses during the operations and closure phases shall include measures to ensure that barriers to fish passage do not form over time as a result of crossing damage due to ice blockage, flooding, or movement of debris; all of which may occur at freshet. Detailed design drawings and an updated monitoring program shall be produced prior to construction. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 31. | Sabina | Monitoring Program for Culverts | Operations, Temporary Closure/Care and Maintenance, Closure and Post- Closure Monitoring | To minimize the impacts to fish and fish habitat. | The Proponent should provide annual monitoring updates regarding the Rascal Stream Fish Passage that enables parties to determine its effectiveness. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| 32. | Sabina | Site Footprint | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize the impacts of the Project on vegetation. | The Proponent shall ensure that Project activities are planned and conducted in such a way as to minimize the Project footprint. | Y | Only as it relates to scope and scale of development work activities | | | | | |
| 33. | Sabina | Invasive Species | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To prevent the introduction of invasive species. | The Proponent shall ensure that equipment and supplies brought to the project sites are clean and free of soils that could contain plant seeds not naturally occurring in the area. Vehicle tires and treads in particular must be inspected prior to initial use in project areas. The Proponent shall also incorporate protocols for monitoring for the potential introduction of invasive vegetation species (e.g. surveys of plant populations in previously disturbed areas) into relevant monitoring and management plans for the terrestrial environment. Any introductions of non-indigenous plant species must be promptly reported to the Government of Nunavut Department of Environment. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 34. | Sabina, the Kitikmeot Inuit Association, the Government of Nunavut | Vegetation Monitoring Plan | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To minimize potential impacts to vegetation along the winter road/trail routings and around project sites. | The Proponent shall have in place a Vegetation Monitoring Plan that is designed to quantify the potential impacts on vegetation from the Project, including the annual construction/operation of the winter ice roads and trails. The plan should include all commitments discussed throughout the Review of the Project, including commitments to consult with the Kitikmeot Inuit Association, the Government of Nunavut, and other relevant parties, as well as: a. Establishment of pre-construction and post-operation vegetation conditions annually with supporting photographs to allow for long-term comparisons of vegetation conditions along winter ice road/trail routings and around project sites; b. Incorporation of measures to prevent or minimize potential destabilization and erosion along winter ice road/trail routings and around project sites; c. Details on the triggers for implementing adaptive management options if effects to vegetation are observed, including potential impacts from dust deposition; and, d. Discussion of how the findings from monitoring efforts would be used to inform reclamation planning. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 35. | Sabina | Revegetation and Reclamation | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To maximize revegetation in reclaimed areas. | The Proponent shall develop a progressive revegetation program for disturbed areas that are no longer required for operations, such as a program to incorporate measures for the use of test plots, reseeding, and replanting of native plants as necessary. It is further recommended that this program be directly associated with the management plans for erosion control established for the Project. | Y | Only as it relates to scope and scale of development work activities | | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP-----D5InterimCRP-IMLE | SD D.5 to the MASD | |

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author and Date of Document where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|--|--|---|---|---|---|--|---|---|--|--|----------------------------|
| 36. | Sabina | Mine Closure and Reclamation Plan | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To maintain an up to date revegetation plan for the Project. | The Proponent shall include revegetation strategies within its Mine Closure and Reclamation Plan that support progressive reclamation, and promote natural revegetation and recovery of disturbed areas compatible with the surrounding natural environment. These strategies should include exploration of the feasibility and practicality of topsoil/organic matter salvage through Project development. The Closure and Reclamation Plan should be updated on an on-going basis as more information becomes available from similar reclamation efforts at other northern projects, as applicable. | Y | Only as it relates to scope and scale of development work activities | | Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP----D5InterimCRP-IMLE | SD D.5 to the MASD | |
| 37. | Sabina | Wildlife Mitigation and Monitoring Plan | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate, monitor, and adaptively manage potential impacts to wildlife. | <p>The Proponent shall have in place a Wildlife Mitigation and Monitoring Program Plan (WMMPP) throughout all phases of the Project. The plan shall include detailed monitoring, mitigation, and adaptive management measures for wildlife, and shall detail considerations for: species-specific sensitive wildlife periods and areas; activities known to affect wildlife; specific triggers for mitigation and adaptive management intervention; and implementation of all commitments made throughout the Nunavut Impact Review Board's (NIRB) assessment of the Project. The Proponent shall demonstrate appropriate refinements to the WMMPP's design throughout the life of the Project, as necessary to allow for the identification of long-term trends and cumulative effects where project interactions with wildlife are identified. Updates to the WMMPP may be triggered by significant changes in project development plans, monitoring results indicating biologically-meaningful changes, significant updates to the scientific understanding of management methods relevant to wildlife at the project site, Inuit Qaujimajatuqangit, Traditional Knowledge, changes in climatic conditions that might subject wildlife to unexpected impacts, or as otherwise necessary.</p> <p>Comments: Measures included in the WMMPP shall be inclusive of all commitments made by the Proponent throughout the Review of the Project. Further, the Proponent shall, throughout the duration of the Project, collaborate with the Kitikmeot Inuit Association, the Government of Nunavut, and other relevant parties to develop updated mitigation, monitoring, and adaptive management measures within the Wildlife Mitigation and Monitoring Program Plan.</p> | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 38. | Sabina, the Kitikmeot Inuit Association, the Government of Nunavut | Wildlife Monitoring | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To monitor wildlife in collaboration with other monitoring bodies. | In consultation with the Government of Nunavut, the Kitikmeot Inuit Association, and other relevant parties, the Proponent shall make efforts to contribute to existing and planned cumulative effects and regional monitoring programs for caribou, grizzly bear, wolverine and muskox, as appropriate. Relevant details of coordination through data sharing arrangements or agreements should be highlighted. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 39. | Sabina | Caribou Mitigation and Adaptive Management Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to caribou throughout the life of the Project. | <p>The Proponent shall provide, within its Wildlife Mitigation and Monitoring Program Plan (WMMPP), measures for the staged reduction of project activities should caribou occur in proximity to the project site. The WMMPP will include a detailed description of all project activities, equipment, and components that would be managed during different phases of staged reduction mitigation events, including rapid and planned operational shutdowns should caribou calving or post-calving ranges overlap with the Project. Any planned activity restrictions/cessations should be of sufficient duration to take into account annual variation in the timing and distribution of calving and post-calving caribou interactions with the Project.</p> <p>Comments: Additional details to be contained within the WMMPP shall include a quantitative description of the noise produced by all activities, equipment, and components that would be managed during the staged reduction events, in addition to an analysis of the zones over which continuous and instantaneous noise thresholds for caribou would be exceeded within the project area. The Proponent shall provide updated details throughout the life of the Project should activities, equipment, or components alter the zones of influence as originally assessed.</p> | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 40. | Sabina, the Kitikmeot Inuit Association, the Government of Nunavut | Caribou Monitoring | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that implementation of adaptive management is not unduly delayed by potential lag times associated with delayed access to collar data. | In consultation with the Kitikmeot Inuit Association, the Government of Nunavut, and relevant parties, the Proponent shall ensure that the utilization of satellite collar data as an early detection method for caribou takes into consideration an agreed-upon biological buffer, as well as potential lag times associated with delayed access to collar data, for the development of thresholds for monitoring and adaptive management triggers. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 41. | Sabina | Caribou Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to caribou during periods of heightened sensitivity. | The Proponent shall demonstrate consideration for the increased potential of caribou presence in the area when planning outdoor construction activities (including site clearing, blasting, and operation of heavy equipment) during the July 26 to August 31 period. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 42. | Sabina | Caribou Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that mitigation measures apply for all caribou. | The Proponent shall ensure that all caribou mitigation and monitoring measures (including mitigation for shifts in calving and post-calving ranges) included within the Wildlife Mitigation Monitoring Program Plan apply to all caribou, regardless of the herd. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 43. | Sabina, the Government of Nunavut | Wildlife Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that specific criteria and procedures are developed should wildlife be deemed project-tolerant. | In consultation with the Government of Nunavut (GN) and other relevant authorities, the Proponent shall include criteria and procedures within its Wildlife Mitigation and Monitoring Program Plan governing the deterring of wildlife from blast zones and the relaxation of mitigation measures for animals deemed project-tolerant. Caribou shall be deterred using only agreed-upon deterrence measures established in consultation with the GN and only if their safety is deemed at risk. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 44. | Sabina, the Government of Nunavut | Muskox Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to muskox from project activities. | In collaboration with the Government of Nunavut, the Proponent shall specify within its Wildlife Mitigation and Monitoring Plan specific mitigation measures, trigger distances, and group size thresholds for the protection of muskox in proximity to project activities (e.g., blasting, heavy truck traffic, and aircraft). | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 45. | Sabina | Wildlife Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential disturbances to wildlife migration and movement from project infrastructure. | The Proponent shall ensure that safety barriers, berms, and designed crossings associated with project infrastructure, including site roads and the winter ice road, are constructed as necessary to allow for the safe passage of caribou and other terrestrial wildlife and do not interfere with wildlife denning sites. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 46. | Sabina | Wildlife Monitoring and Adaptive Management Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that all direct mortalities are reported and considered in the development of adaptive management protocols. | The Proponent shall file an incident report to the local wildlife conservation office for any and all direct wildlife mortalities that occur in association with the Project. All incident reports should include sufficient detail to demonstrate how monitoring and mitigation measures failed to prevent the mortality, as well as information pertaining to what measures would be put in place to prevent the incident from reoccurring. The Proponent shall reach an agreement with the appropriate Designated Inuit Organization regarding compensation for any direct mortality of wildlife resulting from the Project. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 47. | Sabina, the Kitikmeot Inuit Association | Wildlife Monitoring and Adaptive Management Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to wildlife through interaction with water attenuation ponds and/or tailings storage areas. | The Proponent shall, in consultation with the Kitikmeot Inuit Association, develop and implement measures to prevent the use of water attenuation ponds and tailings storage areas by wildlife, including waterfowl, other migratory birds, and caribou, with sufficient monitoring to assess whether these measures are effective or whether further deterrents may be required. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 48. | Sabina | Wildlife Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to wildlife from attraction to project infrastructure. | The Proponent shall develop and implement mitigation measures and monitoring programs to limit the attraction of predators and scavengers to Project facilities, and to limit impacts from specific project activities. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 49. | Sabina | Annual Reporting to the Nunavut Impact Review Board | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To provide annual updates to the Nunavut Impact Review Board and relevant parties for ongoing monitoring and collaboration purposes. | The Proponent shall report to the Nunavut Impact Review Board (NIRB) regarding its terrestrial wildlife monitoring efforts, with inclusion of the following information: a. Description of all updates to terrestrial wildlife baseline data; b. A description of the involvement of local communities in its monitoring programs; c. A detailed presentation and analysis of the distribution relative to Project infrastructure and activities for caribou and other terrestrial mammals observed during surveys and incidental sightings; and d. Results of the annual monitoring programs, including methodologies and statistical approaches used to support conclusions drawn. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 50. | Sabina | Annual Reporting to the Nunavut Impact Review Board | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To provide annual updates to the Nunavut Impact Review Board and relevant parties to verify the effectiveness of ongoing monitoring and mitigation efforts. | Within its annual report to the NIRB, the Proponent shall incorporate a review section which includes: a. An examination for trends in the measured natural variability of Valued Ecosystem Components in the region relative to the baseline reporting; b. A detailed analysis of wildlife responses to operations with emphasis on wildlife behaviour, mortalities, and displacements (if any), and responses to project operations; c. A detailed description of staged reduction mitigation events, including operational shutdowns, undertaken throughout the year in response to wildlife in proximity to the Project. Details shall include, but are not limited to: i. A description of the aggregation and species of wildlife encountered; ii. Environmental conditions; iii. A description of the sequence of activities ceased as well as the duration of cessation; and iv. The effectiveness of the applied mitigation measures and potential amendments that may be required. d. A demonstration and description of how the monitoring results contribute to cumulative effects monitoring associated with the Project; and e. Any proposed changes to the monitoring survey methodologies, statistical approaches, or proposed adaptive management stemming from the results of the monitoring program. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author, and Date of Document where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|--|---|---|---|--|---|--|---|--|--|--|----------------------------|
| 51. | Sabina | Caribou Technical Advisory Group | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To establish an advisory group to provide technical oversight on the Project's mitigation, monitoring, and adaptive management measures related to caribou. | In collaboration with the Kitikmeot Inuit Association, the Government of Nunavut, and other relevant parties, the Proponent shall develop and participate in a Caribou Technical Advisory Group. As part of its function, the group shall seek to: - Provide independent advice on study design(s) and analyses for the testing and evaluation of the Project's adaptive management measures for reducing disturbance to caribou; - Undertake appropriate testing of the caribou detection methods, group size thresholds, and distance thresholds employed as recommended by the advisory group; - On the basis of these tests, and any other available evidence, provide analyses and a written evaluation of the caribou protection measures and where appropriate make necessary adjustments to those measures; and - Submit reports to the Nunavut Impact Review Board (NIRB), and other relevant parties, for review. Comments: Where possible the Proponent shall include relevant hunters and trappers associations and/or knowledgeable land users in the membership of the group and shall demonstrate its consideration for community input and Inuit Qaujimajatuqangit as part of the group's function. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 52. | The Proponent, the Kitikmeot Inuit Association, the Government of Nunavut, the Government of the Northwest Territories | Caribou Mitigation | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure caribou protection in the context of additional exploration | The Proponent shall, in collaboration with the Government of Nunavut, the Government of the Northwest Territories, the Kitikmeot Inuit Association and other relevant parties, thoroughly evaluate the potential impacts to caribou from planned mineral exploration within its mineral tenures and outside the approved project development area. The Proponent must demonstrate that the potential for adverse effects to caribou populations can be prevented prior to exploration occurring. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 53. | Sabina | Mitigation, Monitoring, and Adaptive Management for Birds and Bird Habitat | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To develop and implement appropriate mitigation and monitoring measures for birds and bird habitat. | The Proponent shall have in place specific measures for the protection and monitoring of birds and bird habitat within its Wildlife Mitigation and Monitoring Program Plan (WMPPP). Protection measures shall include, but are not limited to: - Mitigation and monitoring measures applied at all times throughout project operations to limit impacts to birds and bird habitat from specific project activities and infrastructure; - Mitigation and monitoring measures applied during periods of heightened sensitivity or alternative circumstances; - Adaptive management measures with specific triggers for intervention; and - Protocols for collaboration with relevant parties, and the Project's advisory groups, throughout the Project, including on-going consideration and incorporation of Inuit Qaujimaningit, to ensure the effective delivery of the WMPPP as related to bird and bird habitat protection. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 54. | Sabina | Mitigation Measures for Birds and Species at Risk | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to Species at Risk. | If Species at Risk or their nests and eggs are encountered during project activities or monitoring programs, the primary mitigation measure must be avoidance. The Proponent shall establish clear zones of avoidance for nest of birds, particularly for Species At Risk, based on species-specific nest setback distances outlined in the Wildlife Mitigation and Monitoring Program Plan. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 55. | Sabina | Mitigation and Monitoring Measures for Species at Risk | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate and monitor potential impacts to Species at Risk. | The Proponent shall ensure that the mitigation and monitoring strategies developed for Species at Risk are updated as necessary to maintain consistency with any applicable status reports, recovery strategies, action plans, and management plans that may become available through the duration of the Project. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 56. | Sabina | Bird Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to birds from construction and clearing activities. | The Proponent shall, to the extent possible, schedule required ground-disturbance activities (e.g. clearing) to occur prior to the seasonal return of migratory birds to the project area and shall install nesting deterrents (e.g. flagging) to discourage birds from nesting in areas likely to be disturbed by construction/clearing activities. If clearing is to occur during the nesting season, a nest survey should take place to identify nests and establish appropriate setbacks to ensure nests remain undisturbed until the young have fledged or left the nest. Pre-clearing nest surveys should be conducted less than 14 days prior to land clearing activities as a consideration for the short nesting cycles of some arctic-nesting birds. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 57. | Sabina, the Government of Nunavut – Department of Environment | Raptor Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to raptors from project operations. | Prior to removal or deterrence of raptors, the Proponent will contact the Government of Nunavut – Department of Environment to discuss proposed mitigation options and, if required, will obtain the required permits prior to undertaking any activity that can lead to the destruction of raptor nests or the deterring of raptors from nesting sites. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 58. | Sabina | Seaducks and Waterfowl Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to seaducks and waterfowl from shipping activities. | The Proponent shall include measures within the Wildlife Mitigation and Monitoring Program Plan to ensure that, subject only to vessel safety requirements, a setback distance of at least 500 metres is maintained from colonies and moulting aggregations of seaducks and waterfowl during Project shipping transiting through Bathurst/Elu Inlet, Lambert Channel, and Eastern Lancaster Sound. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 59. | Sabina, Environment and Climate Change Canada | Bird Mortality Reporting | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To report bird mortalities to appropriate parties. | Any incidents of bird mortalities associated with project activities are to be recorded and reported to Environment and Climate Change Canada (Canadian Wildlife Service). The Proponent shall work with the Canadian Wildlife Service to determine appropriate recording and reporting format and timing. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 60. | Sabina | Wildlife Mitigation Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To mitigate potential impacts to wildlife from aircraft operations. | Subject to safety requirements, the Proponent shall ensure that project aircraft maintain sufficient cruising altitudes to avoid disturbance to migratory birds. In particular, the Proponent shall maintain appropriate altitudes in proximity to observed concentrations of migratory birds, caribou and muskoxen that may be encountered during aircraft flights to the George property and other exploration areas, as well as during the transfer of employees between project facilities. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 61. | Sabina | Aircraft Monitoring Measures | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure | To ensure that project aircraft are in compliance with operational procedures, commitments, and regulatory requirements. | The Proponent shall ensure that pilots are informed of minimum cruising altitude guidelines and that a daily log or record of flight paths and cruising altitudes for project aircraft is maintained to monitor adherence and to follow up on complaints. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 62. | Sabina | General | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure potential impacts to the marine environment are identified and appropriately mitigated. | The Proponent shall maintain a marine monitoring program at the Marine Laydown Area to enable identification of potential impacts of the Project on the marine environment and to inform adaptive management actions. The monitoring program shall be in line with the proposed monitoring in the Aquatic Effects Monitoring Program, or as required by applicable regulatory authorities. At a minimum, water sampling should include end of pipe and control area samples, collected on a regular basis to confirm salinity levels of the discharge and the receiving environment. | Y | Only as it relates to scope and scale of development work activities | | Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP-----D6EMPP-IMLE | SD D.6 to the MASD | |
| 63. | Sabina | Monitoring | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure protection of seals and seal lairs. | The Proponent shall undertake a survey for seals and seal lairs annually prior to construction of the winter airstrip and ice road on Bathurst Inlet, and shall take every precaution to align these components to ensure that seal dens/lairs are not impacted by Project infrastructure or activities. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 64. | Sabina, Fisheries and Oceans Canada, and other interested parties | Monitoring | Prior to Project-Shipping | To ensure protection of marine mammals during Project shipping. | The Proponent shall ensure that shipping companies contracted for the Project have in place appropriate ship-based marine mammal monitoring programs and protocols developed through consultation with Fisheries and Oceans Canada, communities, and other interested parties. Consideration should be provided for utilizing, trained observers for full-time marine wildlife monitoring with established data collection and recording protocols. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 65. | Sabina | Marine Shipping | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure community safety and protection of marine/wildlife habitat. | The Proponent shall ensure contracted shipping companies are made aware of and required to avoid sensitive wildlife habitat and species along the shipping route and use appropriate protocols and equipment to reduce the potential for an accidental release of fuel or other deleterious substances into the marine environment. These protocols should also be communicated to local communities. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 66. | Sabina and Kitikmeot Socio-Economic Monitoring Committee | Socio-Economic Monitoring and Kitikmeot Socio-Economic Monitoring Committee | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Description of the general monitoring framework to be developed in consultation with the Kitikmeot Socio-Economic Monitoring Committee. | The Proponent is strongly encouraged to participate in the work of the Kitikmeot Socio-Economic Monitoring Committee along with other agencies and the communities of the Kitikmeot region, and to identify areas of mutual interest and priority for inclusion into a collaborative monitoring framework that includes socio-economic priorities related to the Project, communities, and the Kitikmeot region as a whole. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 67. | The Proponent, Kitikmeot Inuit Association, Government of Nunavut, Indigenous and Northern Affairs Canada, and Kitikmeot communities | Socio-Economic Monitoring | Pre-Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Development and establishment of a project specific a Back River Socio-Economic Monitoring Committee to oversee the project-specific monitoring program. | The Proponent should work with other socio-economic stakeholders including the Kitikmeot Inuit Association, the Government of Nunavut, Indigenous and Northern Affairs Canada, and communities of the Kitikmeot region, to establish a Back River Socio-Economic Monitoring Committee for the Project to develop and oversee the Back River Socio-Economic Monitoring Program. The Back River Socio-Economic Monitoring Committee should develop Terms of Reference outlining each member's roles and responsibilities for project-specific socio-economic monitoring throughout the life of the Project. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author and Date of Document where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|--|--|---|---|--|---|-------------------------------|---|---|--|--|----------------------------|
| 68. | Sabina, Kitikmeot Socio-Economic Monitoring Committee, Kitikmeot Inuit Association, Government of Nunavut, Indigenous and Northern Affairs Canada, and Kitikmeot communities | Socio-Economic Monitoring | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Development of the project-specific socio-economic monitoring program and on-going monitoring of project-related socio-economic effects. | The Proponent should develop a Project-specific Back River Socio-Economic Monitoring Program designed to: <ul style="list-style-type: none">▪ Monitor for project-induced effects, including the impacts predicted in the Final Environmental Impact Statement through indicators presented in the Back River Socio-Economic Monitoring Plan;▪ reflect regional socio-economic concerns identified by the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC);▪ work in collaboration with all other socio-economic stakeholders such as the Kitikmeot Inuit Association, the Government of Nunavut, and Indigenous and Northern Affairs Canada, and the communities of the Kitikmeot region to develop the program; and▪ include a process for adaptive management and mitigation to respond if unanticipated impacts are identified. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 69. | Sabina | Socio-Economic Monitoring and Kitikmeot Socio-Economic Monitoring Committee | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Identify risks and potential effects of temporary mine closures on the Kitikmeot Region. | The Proponent should undertake an analysis of the risk of temporary mine closure, giving particular consideration to how communities in the Kitikmeot region may be affected by temporary closure of the mine, including economic, social, and cultural effects. This analysis is required to be updated as necessary to reflect significant changes to the Project or the socio-economic conditions in the region that may increase the risks and potential effects of temporary mine closures. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 70. | Sabina | Socio-Economic Monitoring and Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Ensuring that the Proponent's Socio-Economic Management Plan addresses the risks and potential effects of temporary mine closures on the Kitikmeot Region. | The Proponent is required to update its Socio-Economic Management Plan to include defined measures to address the risks and mitigate the potential effects of temporary closure. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 71. | Sabina | Staff Schedule | Construction, Operations, Temporary Closure/Care and Maintenance, and Closure | To produce accurate labour market information regarding available Project employment and skill requirements for the Project to support economic and employment forecasting. | To the extent the sharing of such information is consistent with and not limited by any Inuit Impact Benefit Agreement with the Kitikmeot Inuit Association, and in consultation with the Government of Nunavut during preparation, the Proponent should submit detailed staff schedule information, consisting of at least the following items: <ul style="list-style-type: none">a. Title of positions required by department and division;b. Quantity of positions available by project phase and year;c. Transferable skills, both certified and uncertified which may be required for, or gained during, employment within each position; andd. The National Occupational Classification code for each individual position. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 72. | Sabina, Government of Nunavut | Registration of Trades Workers | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure that the Government of Nunavut has accurate information to assist in its role as overseer of the apprenticeship program in Nunavut and in providing access to training initiatives and programs. | The Proponent is encouraged to identify and register all trades occupations, journeypersons, and apprentices working with the Project, as well as to provide the Government of Nunavut with information regarding the number of registered apprentices and journeypersons from other jurisdictions employed at the Project. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 73. | Sabina, Government of Nunavut, Training Organizations | Training Opportunities | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Ensuring that the local, regional, and territorial training opportunities associated with the Project maximize opportunities for the regional workforce to obtain transferable skills and certifications. | The Proponent is encouraged to work with training organizations and/or government departments offering mine-related or other training to ensure that Project-specific training programs can yield additional opportunities for residents and employees to gain meaningful and transferable skills and certifications. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 74. | Sabina, Government of Nunavut, Training Organizations | Transferable Skills and Certifications | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Ensuring that the Project maximizes opportunities for the regional workforce to obtain transferable skills and certifications. | The Proponent shall develop and maintain an easily referenced listing of formal certificates and licences that may be acquired via on-site training or training during project employment. The listing shall indicate which of these certifications and licences would be transferable to a similar job site within Nunavut. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 75. | The Proponent, Government of Nunavut, Kitikmeot Socio-Economic Monitoring Committee | Educational Opportunities | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Ensuring that the local, regional and territorial educational opportunities maximize the opportunities for Project employment. | The Proponent is encouraged to work with the Back River Socio-Economic Monitoring Committee and with the Kitikmeot Socio-Economic Monitoring Committee (K-SEMC) to review and monitor education utilization rate trends for Project employees throughout the Project to identify whether or not the Project's employees are accessing educational opportunities available to them in the Kitikmeot region and/or any Northwest Territories communities. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 76. | Sabina | Inuktitut/Inuinnaqtun Training | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Monitoring training measures being taken to reduce language barriers to Inuit employment on-site. | The Proponent is encouraged to provide the following information regarding any second language courses offered on-site: <ul style="list-style-type: none">a. Description of courses offered (to include general outline);b. Timing and frequency of courses offered;c. The number of individuals (and percentage of workforce), including Inuit and non-Inuit, taking part in each course, including completion rates; andd. Any noted outcomes or lessons learned from the courses offered. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 77. | Sabina and the Kitikmeot Socio-Economic Monitoring Committee | Monitoring Demographic Changes | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Monitoring demographic changes affecting the Kitikmeot communities and the territory as a whole is important to understand and evaluate the Proponent's predictions with regards to population demographics and whether any trends are identified which may be correlated with the Project. | Provided the collection and sharing of such information is consistent with and not limited by any Inuit Impact and Benefit Agreement with the Kitikmeot Inuit Association, the Proponent should provide project-specific data concerning employee community of residence and number of employees that relocated from the year prior (where available, to and from, for Cambridge Bay, Kugluktuk, Taloyoak, Gjoa Haven, and Kugaaruk). The details of this process will be captured in the terms of reference for the project specific Back River Socio-Economic Monitoring Committee. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 78. | The Proponent, the Kitikmeot Inuit Association, and Kitikmeot Socio-Economic Monitoring Committee | Incorporation of IQ and TK | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure monitoring efforts are informed by and reflect Inuit Qaujimaningit and local community knowledge. | The Proponent is strongly encouraged to ensure that the development of all project monitoring plans and associated reporting and updates are undertaken with active engagement of Kitikmeot communities, land users, and harvesters. The Proponent should work with the Kitikmeot Inuit Association and the Kitikmeot Socio-Economic Monitoring Committee to report on the collection and integration of Inuit Qaujimaningit and Traditional Knowledge through its monitoring programs for the Project. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 79. | Sabina and Kitikmeot Inuit Association | Inuit Environmental Advisory Committee | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | Establishing and reporting on the Inuit Environmental Advisory Committee as a mechanism to incorporate community input (including Inuit Qaujimaningit and Traditional Knowledge) into monitoring plans, programs, and mitigation measures. | The Proponent shall establish an Inuit Environmental Advisory Committee. To the extent the sharing of such information is consistent with and not limited by any Inuit Impact Benefit Agreement with the Kitikmeot Inuit Association, once established, the Proponent shall provide the Nunavut Impact Review Board with the following information about the Committee: <ul style="list-style-type: none">a. Number of members and home communities;b. Selection process;c. Description of work to be undertaken; and d. Outcome of any work undertaken. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 80. | Sabina | Wildlife Harvesting | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To assess the potential impacts of winter ice road usage on caribou harvesting. | If the results from monitoring reveal extensive public use of the winter ice road, or a trend of increasing use of the winter ice road for harvesting, the Proponent shall conduct a harvest study in nearby communities of wildlife harvested from the areas surrounding the winter ice road. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| 81. | Sabina | Non-Traditional Activity and Resource Use | Construction, Operations, and Post-Closure Monitoring | To assess and monitor potential project effects on non-traditional activity and knowledge. | The Proponent is encouraged to consult with outfitting and guiding businesses that operate in the regional study area regarding use of the land and marine areas in proximity to project infrastructure or activities and any noted project effects, particularly for effects in relation to the experience of the natural environment. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |

| NIRB Condition | Responsible Parties | Category | Project Phase | Objective | Term or Condition | Indicate whether Information Requirement is applicable by inserting 'Y' or 'NA' | If 'NA' provide justification | If information is not available at the time of application, indicate when the information | Insert Title, Author, and Date of Document where information is provided | Insert <u>electronic file name of document</u> where information is provided | Insert Section of document where information is provided | NWB Concordance Assessment |
|----------------|--|---|--|---|--|---|--|---|--|--|--|----------------------------|
| | 82. The Proponent, Government of Nunavut – Department of Culture and Heritage | Assessment of Archaeological and Heritage Resources | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To assess and monitor potential project effects to archaeological and heritage resources. | In any year in which changes to the project footprint are expected to occur or an archaeological permit will be requested, the Proponent will provide the Government of Nunavut – Department of Culture and Heritage (GN-CH) with a series of maps and tables indicating the current status of all archaeological sites within the Project Development Area. Tables provided should include textual descriptions of map contents, and the Proponent shall consult with the GN-CH to establish the contents of the maps and tables to be submitted within its annual status reports. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 83. Sabina, Government of Nunavut, Nunavut Housing Corporation | Employee Housing | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To assess and monitor the extent to which the Project enhances employee access to a range of housing options. | The Proponent is strongly encouraged to communicate and collaborate with the Government of Nunavut and the Nunavut Housing Corporation on potential housing initiatives with a view to enhancing employee access to a range of housing options, including homeownership. Initiatives may include, but are not limited to, the provision of financial literacy, financial planning, and personal budgeting training. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 84. The Proponent, Government of Nunavut, Nunavut Housing Corporation, Kitikmeot Socio-Economic Monitoring Committee | Employee Housing | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To assess and monitor the potential for project-induced effects on regional access to housing. | The Proponent is strongly encouraged to work with the Kitikmeot Socio- Economic Monitoring Committee (K-SEMC), the Nunavut Housing Corporation, and the GN to design and implement a voluntary housing survey to be offered to its Nunavummiut employees. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 85. Sabina, Kitikmeot Inuit Association | Cross-cultural Awareness | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To support the elimination of cultural barriers and promote recognition for Inuit Qaujimajatuqangit to establish a healthy workplace for all Project employees. | The Proponent is encouraged to work with the Kitikmeot Inuit Association to establish cross-cultural training initiatives which promote respect and consideration for the importance of Inuit Qaujimajatuqangit to the Inuit identity and to make this training available to Project employees and on-site sub-contractors. The Proponent should actively monitor the implementation of these initiatives, including the following items: a. Descriptions of the goals of each program offered; b. Language of instruction; c. Schedules and location(s) of when each program was offered; d. Uptake by employees and/or family members where relevant, noting Inuit and non-Inuit participation rates; and e. Completion rates for enrolled participants, noting Inuit and non- Inuit participation rates. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 86. Sabina | Airborne Actinolite Fibres | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure worker health and safety. | If potential health risks due to airborne actinolite fibres are identified, the Proponent shall enact measures to mitigate human exposure, notify the Territorial occupational health authority, and update relevant management plans. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 87. Sabina | Site Orientation | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure worker health and safety. | The Proponent shall have in place a comprehensive site orientation plan for all employees. Further, the Proponent shall ensure all worker site- orientation, training presentations, and materials are updated regularly and reflect any amendments to management plans. | NA | outside jurisdiction of NWB | To be implemented in accordance with Project Certificate | | | | |
| | 88. Sabina | Winter Ice Road Operations | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure worker health and safety. | The Proponent shall include, within its relevant management plans, consideration for worker safety during winter ice road operations, particularly during periods of adverse weather conditions. The Proponent shall ensure that updates are made to its safety procedures throughout the life of the Project consistent with best management practices for similar ice road projects. | Y | Only as it relates to scope and scale of development work activities | | Road Management Plan, August 2017 | 170913 8BC-BRP-----D1RoadMgmtPlan-IMLE | SD D.1 to the MASD | |
| | 89. Sabina | Spills | Pre-shipping, Construction, Operations, Temporary Closure/Care and Maintenance | To protect marine wildlife, migratory birds, and the marine environment. | The Proponent shall include within its Wildlife Mitigation and Monitoring Program Plan measures for preventing fuel spills into the marine environment and mitigating potential effects of an accidental spill on polar bears, seals, other marine wildlife, and migratory birds. Measures should include: a. Placement of spill prevention and response equipment as necessary to initiate wildlife protection measures along shipping routes and on-site; b. Ensuring spill response contacts for Sabina and government agencies are current; c. Providing a list of community organizations that would be contacted to inform traditional land users of shipping activity in the area, any spills and actions to ensure public safety and plans for clean-up. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |
| | | | | | | Y | Only as it relates to scope and scale of development work activities | | Comprehensive Spill Contingency Plan | 170913 8BC-BRP-----D4ComprehensiveSpillContingencyPlan-IMLE | Appendix D-4 to the MASD | |
| | 90. Sabina, Transport Canada | Spills | Pre-Construction, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure accurate and adequate spill response and emergency preparedness. | The Proponent shall maintain an Oil Pollution Emergency Plan (OPEP) with a list of authorised personnel, staff training, and the required Northwest Territories- Nunavut spill report document. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |
| | 91. Sabina, Transport Canada | Marine Shipping | Prior to Project-shipping, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure protection of the marine environment. | The Proponent shall contract only Transport Canada certified shippers to carry cargo for the Project, and will ensure shippers are aware of the requirements of the Shipping Management Plan, the Risk Management and Emergency Response Plan, and the Oil Pollution Emergency Plan. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |
| | 92. Sabina | Marine Shipping | Prior to Project-shipping, Construction, Operations, Temporary Closure/Care and Maintenance, Closure and Post-Closure Monitoring | To ensure protection of the Marine Environment. | The Proponent shall ensure that the necessary spill response equipment and training to employees, contractors, and local community members is available prior to commencing Project shipping. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |
| | 93. The Proponent, Fisheries and Oceans Canada – Canadian Hydrographic Services | Navigation Charts | Post-Construction | To mitigate potential ship groundings. | The Proponent shall submit a post-construction depiction of the Marine Laydown Area and surrounding shoreline, including any new bathymetry aspects. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |
| | 94. Sabina | Fuel Transportation | Pre-shipping, Construction, Operations, Temporary Closure/Care and Maintenance | To ensure protection of the environment. | The Proponent shall ensure fuel trucks meet industry design standards and receive regularly scheduled maintenance of fuel lines, nozzles and dust caps. | Y | Only as it relates to scope and scale of development work activities | | Oil Pollution Emergency | 170913 8BC-BRP-----D7OPEP-IMLE | SD D.7 to the MASD | |

Appendix A - List of Plans

For the purpose of this Type B Application the following plans/supplemental documents have been submitted:

| | | |
|---|--|---------------------------------------|
| Road Management Plan, August 2017 | 170913 8BC-BRP----D1RoadMgmtPlan-IMLE | Supplemental Document D.1 to the MASD |
| Fuel Management Plan, August 2017 | 170913 8BC-BRP----D2FuelMgmtPlan-IMLE | Supplemental Document D.2 to the MASD |
| Quarry Management Plan, August 2017 | 170913 8BC-BRP----D3QuarryMgmtPlan-IMLE | Supplemental Document D.3 to the MASD |
| Comprehensive Spill Contingency Plan, August 2017 | 170913 8BC-BRP----D4ComprehensiveSpillContingencyPlan-IMLE | Supplemental Document D.4 to the MASD |
| Interim Closure and Reclamation Plan, August 2017 | 170913 8BC-BRP----D5InterimCRP-IMLE | Supplemental Document D.5 to the MASD |
| Environmental Management and Protection Plan, August 2017 | 170913 8BC-BRP----D6EMPP-IMLE | Supplemental Document D.6 to the MASD |
| Oil Pollution Emergency Plan, August 2017 | 170913 8BC-BRP----D7OPEP-IMLE | Supplemental Document D.7 to the MASD |