

**SCHEDULE B**

**TABLE OF CONDITIONS**

**FOR**

**AN ENVIRONMENTAL ASSESSMENT CERTIFICATE**

## DEFINITIONS

Aboriginal Groups	Ulkatcho First Nation, Lhoosk'uz Dené Nation, Nadleh Whut'en First Nation, Stellat'en First Nation, Saik'uz First Nation, and Nazko First Nation.
Aboriginal Interests	Asserted or determined Aboriginal rights, including title and treaty rights.
Act	The <i>Environmental Assessment Act</i> , unless otherwise specified.
Application	Application from New Gold, dated June 20, 2014, to the Environmental Assessment Office (EAO) applying for an Environmental Assessment Certificate (Certificate), pursuant to Section 16 of the <i>Environmental Assessment Act</i> , accepted for review on December 22, 2015. The Application includes any supplementary material submitted to the EAO by the Holder during the course of the application review.
Care and Maintenance	The period when Construction or Operations cease for more than 90 days. For the purposes of this Certificate, the duration of any Care and Maintenance period does not contribute to the duration of the Operations phase.
Carrier Sekani First Nations	Nadleh Whut'en First Nation, Stellat'en First Nation, and Saik'uz First Nation
Certificate	This Environmental Assessment Certificate.
Closure	The phase of the Project where all development and production ceases. Mining facilities and infrastructure, with the exception of the transmission line, mine access road, water treatment plants and related infrastructure required for ongoing monitoring and maintenance, are decommissioned and/or removed from the Project Site. Reclamation activities continue to be conducted and completed.
Construction	The phase of the Project during which physical alteration of land, vegetation or any other aspect of the natural environment occurs. For the purposes of this Schedule B, Construction: (i) does not include any activities conducted solely for investigative purposes under a valid permit or authorization,

and (ii) includes upgrading, repairing, replacing, or removing, any existing work or infrastructure.

Employee	Individuals employed or retained by the Holder including contractors, or those employed by the Holder on business related to the Project.
Holder	The Proponent or, if this Certificate has been transferred in accordance with the conditions below, the person to whom this Certificate has been transferred in accordance with such conditions.
Operations	The phase of the Project beginning with the commercial operation date of the Project, which is the date on which commercial mill production is achieved and ending when commercial mill production permanently ceases and the Closure phase begins.
Participation	<p>Where Conditions 22 and 23 require the Holder to participate in initiatives that are led by entities other than the Holder, participation includes, but is not limited to the following:</p> <ul style="list-style-type: none"><li>a) providing information related to the Project, the effects of the Project, and mitigation measures being employed by the Holder relevant to the matter being addressed by the initiative; and</li><li>b) making contributions at least commensurate with the effects of the Project to addressing the issue or effects being addressed by the initiative. This may include undertaking additional mitigation measures and/or making contributions to support mitigation measures to be undertaken together with, or exclusively by, other entities. Contributions could include, but are not limited to, financial contributions, work undertaken by Employees to support the initiative, and/or use of the Holder's infrastructure and/or equipment.</li></ul>
Post-Closure	The phase of the Project which begins after Closure, when mine contact water is discharged to the environment and during which water treatment, maintenance and monitoring of the Project Site occurs. The phase ends when water treatment is no longer needed to meet water quality requirements in Condition 26 (Water Quality Management), remaining Project facilities and infrastructure are decommissioned and/or removed, final reclamation activities are complete and ongoing monitoring is no longer required for reclamation measures

and/or water quality in Condition 28 (Chedakuz Creek and Tatelkuz Lake Surface Water Quality Monitoring Plan).

Project	The Blackwater Gold Project as described in Schedule A to this Certificate.
Project Area	Area covered by all Project Components and Activities described under section 2 of Schedule A to this Certificate.
Project Roads	The following roads associated with the Project: the Mine Access Road, Airstrip Access Road, access roads within the transmission line cleared Right of Way as described in Schedule A to this Certificate and roads within the Project Site.
Project Site	The area comprising the following components of the Project, as described in Schedule A to this Certificate: Mine Site, Freshwater Supply System, Airstrip and Access Road, and Mine Access Road.
Project Vehicles	Vehicles used for the transportation of Employees, service providers, and supplies for the Project, including vehicles owned by the Holder and owned by those providing the services or supplies.
Qualified Person	A person who has training, experience and expertise in a discipline relevant to the field of practice set out in the condition.
Qualified Professional	<p>A person who has training, experience and expertise in a discipline relevant to the field of practice set out in the condition, and who is registered with the appropriate professional organization in British Columbia, is acting under that organization's code of ethics and is subject to disciplinary action by that organization.</p> <p>The EAO may update this definition in order to maintain consistency with Provincial Policy or practice regarding Qualified Professionals.</p>
Yinka Dene Water Law	The Yinka Dene Water Law, as set out in the Carrier Sekani First Nations (CSFNs) <i>Yinka Dene 'Uza'hné Surface Water Management Policy</i> (dated March 18, 2016, or as updated or replaced from time to time) and the CSFNs' <i>Yinka Dene 'Uza'hné Guide to Surface Water Quality Standards</i> (dated March 18, 2016, or as updated or replaced from time to time), are the CSFNs' regulatory framework that the CSFNs apply to

the waterbodies in their traditional territories. The CSFNs have identified how those waterbodies potentially affected by the Project that are located within one or more of their traditional territories are classified under the Yinka Dene Water Law. These waterbodies and corresponding classifications are provided in Appendix 1.

## ACRONYMS AND ABBREVIATIONS

AEMP	Aquatic Effects Monitoring Plan
BC	British Columbia
BC EMP	BC Environmental Mitigation Policy, including Procedures for Mitigating Impacts on Environmental Values (May 2014, or as updated or replaced from time to time)
CEMMP	Community Effects Monitoring and Management Plan
Certificate	Environmental Assessment Certificate
CLC	Community Liaison Committee
COPC	Contaminants of Potential Concern
CPESC	Certified Professional in Erosion and Sediment Control
CSFNs	Carrier Sekani First Nations
EAO	Environmental Assessment Office
ECCC	Environment and Climate Change Canada
EMC	Environmental Monitoring Committee
EMPR	Ministry of Energy, Mines and Petroleum Resources
ENV	Ministry of Environment and Climate Change Strategy
FLNRORD	Ministry of Forests, Lands, Natural Resource Operations and Rural Development
FTLRP	Final Transmission Line Routing Plan
IEM	Independent Environmental Monitor
ML/ARD	Metal leaching and acid rock drainage
NHA	Northern Health Authority
SBEB	Science-Based Environmental Benchmark
SRWMA	Stellako River Wildlife Management Area
TSF	Tailings Storage Facilities
YDWL	Yinka Dene Water Law

No.	Condition
1.	<p><b>Document Review and Implementation</b></p> <p>Where a condition of this Certificate requires the Holder to provide a plan, program or other document, the Holder must provide the plan, program or other document to the EAO and Aboriginal Groups in the timeframe referenced in such condition, unless otherwise approved by the EAO. The EAO may, within 60 days of receiving a copy of such plan, program or other document, advise that:</p> <ul style="list-style-type: none"> <li>a) the Holder may proceed to implement the plan, program or other document with or without revisions; or</li> <li>b) a revised plan, program, or other document must be provided for approval of the EAO prior to a specified activity or milestone.</li> </ul> <p>If the EAO advises pursuant to paragraphs (a) or (b) that changes are required to a plan, program, or other document, then the Holder must follow the instructions of the EAO in that regard.</p> <p>If the EAO does not advise on paragraphs (a) or (b) within 60 days of the EAO receiving a plan, program, or other document, the Holder may proceed to implement the plan, program or other document.</p> <p>The Holder may, or the EAO may require the Holder to, revise any plan, program or other document if the Holder or the EAO determines that the implementation of the plan, program or other document is not:</p> <ul style="list-style-type: none"> <li>c) meeting one or more objectives of the plan, program or other document set out in the relevant condition of this Certificate;</li> <li>d) having the effects contemplated or intended, as set out in the plan, program or other document itself;</li> <li>e) consistent with the Certificate; or</li> <li>f) consistent with changes in industry best practices or technology.</li> </ul>
2.	<p><b>Plan Development</b></p> <p>Where a condition of this Certificate requires the Holder to develop a plan, program or other document, any such plan, program or other document must, at a minimum, include the following information:</p> <ul style="list-style-type: none"> <li>a) purpose and objectives of the plan, program or other document;</li> <li>b) roles and responsibilities of the Holder and Employees;</li> <li>c) names and, if applicable, professional certifications and professional stamps/seals, of those responsible for the preparation of the plan, program, or other document;</li> <li>d) schedule for implementing the plan, program or other document throughout the relevant Project phases;</li> <li>e) means by which the effectiveness of the mitigation measures will be evaluated including the schedule for evaluating effectiveness;</li> <li>g) schedules and methods for the submission of reporting to specific agencies, Aboriginal Groups and the public and the required form and content of those reports; and</li> </ul>

No.	Condition
	<p>h) process and timing for updating and revising the plan, program or other document, including any consultation with agencies and Aboriginal Groups that would occur in connection with such updates and revisions.</p>
3.	<p><b>Adaptive Management</b></p> <p>Where a condition of this Certificate requires the Holder to develop a plan, program or other document that includes monitoring, including monitoring of mitigation measures or monitoring to determine the effectiveness of the mitigation measures, the Holder must include adaptive management in that plan. The objective of the adaptive management is to address the circumstances that will require the Holder to implement alternate or additional mitigation measures to address effects of the Project if the monitoring shows that those effects:</p> <ul style="list-style-type: none"> <li>a) are not mitigated to the extent contemplated in the Application;</li> <li>b) are not predicted in the Application; or</li> <li>c) have exceeded the triggers identified in paragraph g) of this condition.</li> </ul> <p>The adaptive management in the plan must include at least the following:</p> <ul style="list-style-type: none"> <li>d) the monitoring program that will be used including methods, location, frequency, timing and duration of the monitoring;</li> <li>e) the baseline information that will be used, or collected where existing baseline information is insufficient, to support the monitoring program;</li> <li>f) the scope, content and frequency of reporting of the monitoring results;</li> <li>g) the identification of qualitative and quantitative triggers, which, when observed through monitoring required under paragraph d), will require the Holder to alter existing, or develop new, mitigation measures to avoid, reduce, and/or remediate effects;</li> <li>h) the methods that will be applied to detect when a numeric trigger, or type or level of change referred to in paragraph g), has occurred;</li> <li>i) a description of the process for and timing to alter existing mitigation measures or develop new mitigation measures to reduce or avoid effects;</li> <li>j) identification of the new and/or altered mitigation measures that will be applied when any of the changes identified in paragraphs a) to c) occur, or the process by which those will be established and updated over the relevant timeframe for the specific condition;</li> <li>k) the monitoring program that will be used to determine if the altered or new mitigation measures and/or remediation activities are effectively mitigating or remediating the effects and or avoiding potential effects; and,</li> <li>l) the scope, content and frequency of reporting on the implementation of altered or new mitigation measures.</li> </ul> <p>If there are any requirements or mitigation measures required in the plan, program or other document for which adaptive management, or elements of adaptive management listed in paragraphs d) to l) are assessed to be not appropriate or applicable, the plan must include identification of those requirements and measures, and the rationale for that assessment.</p>

No.	Condition
4.	<p><b>Consultation</b></p> <p>Where a condition of this Certificate requires the Holder consult a particular party or parties regarding the content of a plan, program or other document, the Holder must, to the satisfaction of the EAO:</p> <ul style="list-style-type: none"> <li>a) provide written notice to each such party that: <ul style="list-style-type: none"> <li>i) includes a copy of the plan, program or other document;</li> <li>ii) invites the party to provide its views on the content of such plan, program or other document; and</li> <li>iii) indicates: <ul style="list-style-type: none"> <li>i. if a timeframe for providing such views to the Holder is specified in the relevant condition of this Certificate, that the party may provide such views to the Holder within such time frame; or</li> <li>ii. if a timeframe for providing such views to the Holder is not specified in the relevant condition of this Certificate, specifies a reasonable period during which the party may submit such views to the Holder;</li> </ul> </li> </ul> </li> <li>b) undertake a full and impartial consideration of any views and other information provided by a party in accordance with the timelines specified in a notice given pursuant to paragraph (a);</li> <li>c) provide a written explanation to each such party that provided comments in accordance with a notice given pursuant to paragraph (a) as to: <ul style="list-style-type: none"> <li>i) how the views and information provided by such party to the Holder have been considered and addressed in a revised version of the plan, program or other document; or</li> <li>ii) why such views and information have not been addressed in a revised version of the plan, program or other document;</li> </ul> </li> <li>d) maintain a record of consultation with each such party regarding the plan, program or other document; and</li> <li>e) provide a copy of such consultation record to the EAO, the relevant party, or both, promptly upon the written request of the EAO or such party. The copy of such consultation record must be provided to the EAO, relevant party, or both, no later than 15 days after the Holder receives the request for a copy of the consultation record, unless otherwise authorized by the EAO.</li> </ul>
5.	<p><b>Compliance Verification and Reporting</b></p> <p>The Holder must provide to the EAO and to the Aboriginal Groups any document, data or information requested by the EAO for the purposes of compliance inspection and verification. The Holder must provide any document, data or information requested within the timeframe and in the manner specified by the EAO.</p> <p>The Holder must submit a report to the attention of the EAO and Aboriginal Groups on the status of compliance with this Certificate at the following times:</p> <ul style="list-style-type: none"> <li>a) at least 30 days prior to the start of Construction;</li> <li>b) on or before March 31 in each year after the start of Construction;</li> <li>c) at least 30 days prior to the start of Operations;</li> <li>d) on or before March 31 in each year after the start of Operations;</li> </ul>



No.	Condition
	<ul style="list-style-type: none"> <li>e) at least 30 days prior to the start of Closure;</li> <li>f) on or before March 31 in each year after the start of Closure until the end of Closure;</li> <li>g) at least 30 days prior to the start of Post-Closure; and</li> <li>h) on or before March 31 in each year after the start of Post-Closure until the end of Post-Closure.</li> </ul> <p>The reports must be in a form satisfactory to the EAO. The EAO may adjust or extend this reporting requirement by providing written notice to the Holder.</p>
6.	<p><b>Project Status Notification</b></p> <p>The Holder must notify the EAO and Aboriginal Groups, in writing, at a minimum three months prior to, and no more than six months in advance of commencing, Construction, Operations, Closure, and Post-Closure.</p> <p>Should the primary contact for the Project change, the Holder must notify the EAO and Aboriginal Groups, in writing, within 30 days of such change and provide the physical address, email address and phone number(s) of the new primary contact.</p>
7.	<p><b>Compliance Notification</b></p> <p>The Holder must notify the EAO and Aboriginal Groups:</p> <ul style="list-style-type: none"> <li>a) as soon as practical; and</li> <li>b) in any event, no more than 72 hours,</li> </ul> <p>after the Holder determines that the Holder has not, or may not have, fully complied with this Certificate.</p>
8.	<p><b>Transfer of Certificate</b></p> <ul style="list-style-type: none"> <li>a) Except as provided below, neither this Certificate nor any interest in it may be transferred to any person. This Certificate will be effectively transferred if the proposed Holder acknowledges that, upon transfer, it will be responsible for complying with the conditions of the Certificate, and both the proposed Holder and the Holder: <ul style="list-style-type: none"> <li>i) obtain consent for the transfer from the Executive Director;</li> <li>ii) apply under section 19 of the Act for such amendments to this Certificate, if any, as the Executive Director deems necessary to ensure compliance with and enforceability of this Certificate and to otherwise reflect the proposed transfer; and</li> <li>iii) confirm by written notice to the Executive Director, within 14 days of the completion of all aspects of the transfer transaction other than this notice, that the transfer has been completed.</li> </ul> </li> <li>b) An interest in this Certificate may be transferred by way of a grant of security to lenders or financiers without consent.</li> <li>c) A transfer of this Certificate to a trustee in bankruptcy, by a receiver or a trustee in bankruptcy pursuant to a court approved sale, or as part of a court approved arrangement under the <i>Company Creditors Arrangement Act</i> may occur without consent.</li> </ul> <p>If this Certificate is transferred without consent under paragraphs (b) or (c), the new and former Holder must notify the Executive Director within 30 days of the transfer and</p>

No.	Condition
	<p>apply within the time specified by the Executive Director for any amendments to this Certificate that the Executive Director deems necessary to ensure compliance with and enforceability of this Certificate and to otherwise reflect the proposed transfer.</p>
9.	<p><b>Transfer of Interest in Project</b></p> <ul style="list-style-type: none"> <li>a) Except in connection with the granting of security to Project lenders or financiers, prior to the Holder transferring a significant interest in the Project, the Holder and proposed transferee must: <ul style="list-style-type: none"> <li>i) obtain consent for the transfer from the Executive Director; and</li> <li>ii) Apply under Section 19 of the Act for such amendments to this Certificate, if any, as the Executive Director deems necessary to ensure compliance with and enforceability of this Certificate and to otherwise reflect the proposed transfer.</li> </ul> </li> <li>b) A transfer to a trustee in bankruptcy, by a receiver or a trustee in bankruptcy pursuant to a court approved sale or as part of a court approved arrangement under the <i>Company Creditors Arrangement Act</i> may occur without consent.</li> </ul> <p>If a significant interest in the Project is transferred without consent under paragraph (b), the Holder must notify the Executive Director within 30 days of the transfer and apply within the time specified by the Executive Director for any amendments to this Certificate that the Executive Director deems necessary to ensure compliance with and enforceability of this Certificate and to otherwise reflect the proposed transfer.</p>
10.	<p><b>Document Submission Plan</b></p> <p>The Holder must develop a plan for approval by the EAO identifying proposed dates or timelines for submission of every plan, program or other document required by this Certificate and for submissions made under Condition 26 (Water Quality Management). The plan must be developed in consultation with the Ministry of Energy, Mines and Petroleum Resources (EMPR), the Ministry of Environment and Climate Change Strategy (ENV), the Ministry of Forests, Lands, Natural Resource Operations and Rural Development (FLNRORD), Northern Health Authority (NHA), Aboriginal Groups, the District of Vanderhoof, and Village of Fraser Lake.</p> <p>The Document Submission Plan does not apply to Condition 14 (Existing Disturbance), Condition 19 (the Environmental Monitoring Committee [EMC]), Condition 34 (Closure and Post-Closure Water Quality Management Plan), and Condition 43 (Mitigations Table Update).</p> <p>The Holder must provide the draft plan to EMPR, ENV, FLNRORD, NHA, Aboriginal Groups, the District of Vanderhoof, and the Village of Fraser Lake at least of 45 days prior to providing the draft plan to the EAO for review and approval, unless otherwise authorized by the EAO. The plan must be submitted to the EAO for review and approval at least 75 days prior to the first submission deadline in the Document Submission Plan, unless otherwise authorized by the EAO.</p> <p>The Document Submission Plan must demonstrate how the proposed dates or timelines align with any similar requirements in other provincial processes.</p>

No.	Condition
	<p>The Document Submission Plan, and any amendments or updates thereto, will become the dates or timelines required for submission of plans, programs or other documents required by this Certificate once the plan is approved by the EAO, and thereby replacing the submission timelines set out in the applicable conditions.</p>
11.	<p><b>Care and Maintenance Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a plan for Care and Maintenance. This plan must cover Care and Maintenance periods for both indefinite and definite time frames. The plan must be developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups.</p> <p>The plan must include, at a minimum, the means by which the following will be addressed:</p> <ul style="list-style-type: none"> <li>a) spill prevention and response for hydrocarbon storage and leaks and other accidental emissions from machinery or equipment;</li> <li>b) sediment and erosion control;</li> <li>c) management of tailings and waste rock;</li> <li>d) building maintenance;</li> <li>e) measures to monitor and mitigate adverse effects to wildlife;</li> <li>f) measures to monitor and mitigate adverse effects to receiving waters;</li> <li>g) measures to monitor, manage, and avoid build-up of water surplus to that required under Condition 33 (Mine Waste and Water Management Plan);</li> <li>h) the role of the Independent Environmental Monitor (IEM) required under Condition 12 and Aboriginal Group monitors required under Condition 17 during care and maintenance periods;</li> <li>i) access management; and</li> <li>j) a list of Documents required by this Certificate that this plan supersedes for as long as this plan is being implemented.</li> </ul> <p>The plan must identify and describe how each condition in this Certificate will either:</p> <ul style="list-style-type: none"> <li>k) apply in full or in part during Care and Maintenance; or</li> <li>l) cease to apply during Care and Maintenance; and</li> <li>m) provide a clear rationale for any conditions proposed to cease to apply under paragraph l) or apply only in part under paragraph k).</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups to the EAO, EMPR, ENV, FLNRORD, and Aboriginal Groups for review a minimum of 60 days prior to Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>This plan must be updated in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups prior to any Care and Maintenance period, unless otherwise authorized by the EAO.</p> <p>The plan and any amendments thereto, must be implemented during any Care and Maintenance period to the satisfaction of a Qualified Professional and to the satisfaction of the EAO.</p>

No.	Condition
12.	<p><b>Independent Environmental Monitor</b></p> <p>The Holder must retain the services of one or more IEMs. The IEM(s) must be a Qualified Professional, unless otherwise approved by the EAO, with a minimum of five years of experience in monitoring construction and environmental mitigation for major mining projects in British Columbia (BC). The IEM(s) will:</p> <ul style="list-style-type: none"> <li>a) observe, record for, and report to, the EAO and Aboriginal Groups on compliance with the Certificate; and,</li> <li>b) provide information to the EAO and Aboriginal Groups, EMPR, ENV, and FLNRORD,</li> </ul> <p>as directed by the EAO. Subject to any exceptions set out in the terms of engagement for the IEM(s), when providing information or reports to the EAO and Aboriginal Groups, the IEM(s) must not provide such information or reports to the Holder in advance of providing such information or reports to the EAO and Aboriginal Groups.</p> <p>The Holder must retain the IEM(s) throughout Construction, Operations, Closure and Post-Closure of the Project. The Holder must develop the terms of engagement for the IEM(s) in consultation with Aboriginal Groups, EMPR, ENV, and FLNRORD.</p> <p>No later than 60 days prior to the planned commencement of Construction, the Holder must submit to the EAO and Aboriginal Groups for review the name, organization, qualifications and relevant experience of the proposed IEM(s) and the IEM(s) terms of engagement.</p> <p>The Holder must not start Construction until the selection of the IEM(s) and the terms of engagement have been approved by the EAO.</p> <p>The terms of engagement must include, at a minimum, the following:</p> <ul style="list-style-type: none"> <li>c) the role, responsibilities and qualifications of the IEM(s);</li> <li>d) the roles, responsibilities and qualifications of any staff or other persons that will assist the IEM(s) with performing the IEM's roles and responsibilities (each an "IEM(s) Support");</li> <li>e) the nature and frequency of monitoring;</li> <li>f) the process whereby the IEM(s) or an IEM(s) Support will make recommendations to the Holder to take mitigative or corrective actions to address any non-compliance or potential non-compliance with this Certificate;</li> <li>g) the process by which the recommendations in section f) above will be communicated to the EAO, the Aboriginal Groups, and the Holder;</li> <li>h) the situations in which the IEM(s) will have the authority from the Holder to stop work on part or all of the Project if the IEM(s) determines that: <ul style="list-style-type: none"> <li>i) The Holder has not, or may have not, complied fully with the requirements of this Certificate; and,</li> <li>ii) Stopping work is necessary to prevent or reduce Project-related adverse effects as determined by the IEM(s) or any IEM(s) support.</li> </ul> </li> <li>i) the means by which the Holder, in consultation with Aboriginal Groups, EMPR, ENV, and FLNRORD may review the approved IEM(s) terms of engagement and submit a revised IEM(s) terms of engagement to the EAO for approval;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>j) the provision of access to the Project Site so the IEM(s) can perform its duties, and the process by which that access will be provided;</li> <li>k) a process and protocols for inviting the Aboriginal Group monitors required by Condition 17 (Aboriginal Group Monitor and Monitoring Plan) in site inspections, including identification of circumstances under which those opportunities may be limited (if any) and how, in those cases, information will be provided to Aboriginal Group monitors following those inspections;</li> <li>l) the details of a Project phase completion report to be submitted to the EAO and Aboriginal Groups upon completion of each of Construction, Operations, Closure and Post-Closure phases. The reports must be written by the IEM(s) and include, but is not necessarily limited to: <ul style="list-style-type: none"> <li>i) a record of all non-compliances with this Certificate;</li> <li>ii) a record of the recommendations made by the IEM(s) to the Holder to prevent or address any non-compliance with this Certificate;</li> <li>iii) a record of whether and how any such recommendations from the IEM(s) were implemented and the corresponding outcome of implementation;</li> <li>iv) a record of all stop work orders issued to prevent or address a non-compliance with this Certificate and any Provincial or Federal legislation or authorization applicable to the Project;</li> <li>v) assessment of the effectiveness of the mitigation measures for Construction, Operations, Closure and Post-Closure; and,</li> <li>vi) recommendations on how to achieve and maintain compliance with the conditions of this Certificate for the next Project phase.</li> </ul> </li> <li>m) a requirement that a detailed work plan for each phase of the Project be submitted to the EAO for approval prior to the start of the relevant Project phase. The work plans must describe the frequency of inspections and rationale, the manner in which IEM(s) identified non-compliances will be communicated to the EAO, Aboriginal Groups, and the Holder, and the format and frequency of IEM(s)' reports.</li> </ul> <p>Condition 3 (Adaptive Management) does not apply to this Condition.</p>
13.	<p><b>Construction Environmental Management Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a Construction Environmental Management Plan. The plan must be developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups.</p> <p>The plan must include, at a minimum, the means by which the following will be addressed:</p> <ul style="list-style-type: none"> <li>a) access management;</li> <li>b) invasive plants management;</li> <li>c) waste management;</li> <li>d) emergency response;</li> <li>e) human-wildlife conflict;</li> <li>f) visual resource management;</li> <li>g) erosion and sediment control;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>h) spill prevention and response for hydrocarbon storage and leaks or other accidental emissions from machinery or equipment;</li> <li>i) metal leaching (ML) and acid rock drainage (ARD) management;</li> <li>j) geological and terrain hazards; and</li> <li>k) vegetation management.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD and Aboriginal Groups to the EAO, EMPR, ENV, FLNRORD, and Aboriginal Groups for review a minimum of 90 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction and to the satisfaction of the EAO.</p>
14.	<p><b>Existing Disturbance</b></p> <p>Within 90 days of the issuance of this Certificate, or as otherwise authorized by the EAO, the Holder must provide to the EAO and Aboriginal Groups a report documenting and describing all physical works and infrastructure built in the areas described in Schedule A to this Certificate, as of the date of this Certificate. The report must include:</p> <ul style="list-style-type: none"> <li>a) maps of the physical works and infrastructure at a scale sufficient to clearly document the location and area of disturbance for all physical works and infrastructure; and</li> <li>b) Photographs documenting all works and infrastructure.</li> </ul> <p>The report must be to the satisfaction of EAO.</p>
15.	<p><b>Indigenous Cultural Awareness and Recognition</b></p> <p>At least 90 days prior to commencing Construction in an Aboriginal Group's asserted or established traditional territory, the Holder must commence consultation with the Aboriginal Group to identify opportunities for cultural awareness and recognition.</p> <p>The Holder must offer opportunities to Aboriginal Groups that include, but are not limited to, holding ceremonies, installing signage, executing cultural protocols, recognizing cultural heritage, and providing cultural awareness training to Employees.</p> <p>If specific opportunities for cultural awareness and recognition are requested by an Aboriginal Group, the Holder must determine the scope and content of the cultural awareness and recognition opportunity and associated activities, in consultation with the Aboriginal Group and must support or conduct such activities, or must provide a rationale to the Aboriginal Groups explaining why a specific request or activity is not practicable, to the satisfaction of the EAO.</p>
16.	<p><b>Aboriginal Group Engagement Plan</b></p> <p>The Holder must retain a Qualified Person to develop an Aboriginal Group Engagement Plan. The plan must be developed in consultation with Aboriginal Groups.</p>

No.	Condition
	<p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the Holder will engage with each Aboriginal Group on the implementation of the requirements of this Certificate during Construction, Operations, Closure and Post-Closure;</li> <li>b) the means by which the Holder will engage with each Aboriginal Group on the selection of the IEM(s);</li> <li>c) the means and timing by which Aboriginal Groups will be updated on the implementation of the requirements of this Certificate, including updates that are carried out to plans, programs or other documents required by this Certificate;</li> <li>d) the means by which the Holder will invite the Aboriginal Groups to provide to the Holder or the EAO their views on the updates set out in paragraph (c) or on the implementation of this Certificate generally, and specify a reasonable period during which the Aboriginal Groups may submit such views to the Holder;</li> <li>e) the means by which the Holder will maintain a record of such consultation including the matters discussed, responses, and resolution with Aboriginal Groups regarding the implementation of this Certificate; and</li> <li>f) the means and timing by which the Holder will provide a copy of such consultation record to Aboriginal Groups.</li> </ul> <p>In developing the requirements under paragraph (a), the Holder must determine with each Aboriginal Group, and include in the plan, the manner by which to engage with each Aboriginal Group, including:</p> <ul style="list-style-type: none"> <li>g) the methods of engagement;</li> <li>h) how any engagement customs or protocols of the Aboriginal Groups made available to the Holder by any Aboriginal Group will be incorporated in the plan, and identification and rationale for not including any specific customs or protocols;</li> <li>i) the type of information and the period of time to be provided when seeking input;</li> <li>j) the process to be used by the Holder to undertake a full and impartial consideration of any views and information presented on the subject of the consultation; and</li> <li>k) the period of time and the means by which to advise Aboriginal Groups of how their views and information were considered by the Holder.</li> </ul> <p>Within 30 days of receiving a written request from the EAO, the Holder must provide a copy of the consultation record to the EAO, unless otherwise authorized by the EAO.</p> <p>The Holder must provide the draft plan that was developed in consultation with Aboriginal Groups to Aboriginal Groups and the EAO for review a minimum of 90 days prior to the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction until the plan has been approved by the EAO, unless otherwise authorized by the EAO.</p>

No.	Condition
	The plan, and any amendments thereto, must be implemented throughout Construction, Operations, Closure and Post-Closure and to the satisfaction of the EAO.
17.	<p><b>Aboriginal Group Monitor and Monitoring Plan</b></p> <p>For each Aboriginal Group, the Holder must retain, or provide funding to retain, a minimum of one monitor for each Aboriginal Group prior to commencing Construction. The monitors must be retained throughout Construction, Operations and Closure. The scope of the monitor's activities will be related to monitoring for potential effects from the Project on the Aboriginal Group's Aboriginal Interests.</p> <p>The monitor must be approved by the Aboriginal Group and the Holder, unless otherwise authorized by EAO.</p> <p>The Holder is not required to retain a monitor or fund the retention of the monitor, during periods where there is no one willing or able to carry out the duties of a monitor on behalf of that particular Aboriginal Group.</p> <p>Any Aboriginal Group may notify the Holder and the EAO in writing that the Aboriginal Group wishes to have the same monitor as another Aboriginal Group, rather than each having separate monitors, as well as specifying the time-period or Project phase over which this would occur.</p> <p>The Holder must develop an Aboriginal Group Monitoring Plan. The plan must be developed in consultation with Aboriginal Groups. The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a process for determining whether any Aboriginal Group prefers that the Aboriginal monitor be retained by the Holder or by the Aboriginal Group;</li> <li>b) for monitors retained by the Holder, how the Holder will work with the Aboriginal Group(s) to identify, recruit and retain monitors through Construction, Operations and Closure; and</li> <li>c) for monitors retained by the Aboriginal Group(s): <ul style="list-style-type: none"> <li>i) How the Holder will, on a regular basis, seek confirmation from the Aboriginal Group(s) that a monitor has been retained that is available to, and capable of, carrying out the activities in the terms of engagement; and</li> <li>ii) The process for the Holder to provide funding to the Aboriginal Group(s), including timing for provision of funds, in order for the Aboriginal Group to retain a monitor to conduct the activities set out in the Terms of Engagement.</li> </ul> </li> </ul> <p>For all monitors, the Holder must develop a Terms of Engagement in consultation with Aboriginal Groups. The Terms of Engagement must include at least the following:</p> <ul style="list-style-type: none"> <li>d) the role and responsibilities of the monitor, including: <ul style="list-style-type: none"> <li>i) the nature and frequency of the monitoring activities that will be conducted by the monitor, including the participation of the monitor in dam safety inspections and related activities, and activities during Care and Maintenance periods;</li> </ul> </li> </ul>



No.	Condition
	<ul style="list-style-type: none"> <li>ii) the means and methods by which monitoring activities are undertaken;</li> <li>iii) opportunities to collect samples from water, soil and other environmental media and have them analysed; and</li> <li>iv) participation in compliance inspections with the EAO;</li> <li>e) protocols for access to the Project and access to monitoring locations;</li> <li>f) The training, equipment and support that will be provided to the monitors to support the monitoring activities identified in paragraph d), including: <ul style="list-style-type: none"> <li>i) safety equipment and training;</li> <li>ii) technical support and access to specific expertise; and</li> <li>iii) training prior to the Project phase where those activities will occur, or where a monitor is retained by the Holder or Aboriginal Group after that phase has begun, the training must be provided prior to the monitor conducting those activities;</li> </ul> </li> <li>g) the provision of, and opportunity to review, plans, programs and other documents required under this Certificate, and provision of reports by the monitor to the Holder and Aboriginal Groups, including: <ul style="list-style-type: none"> <li>i) the content of, and frequency for, reporting information to the Holder and the monitor's Aboriginal Group;</li> <li>ii) a requirement that the monitor will be provided with a copy of any plan, program or document related to monitoring activities required by this Certificate within 7 days of a request from a monitor, unless otherwise authorized by the EAO; and</li> <li>iii) timely notification to the monitor when plans, programs or documents have been updated.</li> </ul> </li> <li>h) how the monitor will receive direction from his or her Aboriginal Group on the values of importance to the Aboriginal Groups for monitoring;</li> <li>i) where such information has been made available to the Holder, incorporation of any protocols that exist between the Aboriginal Groups as to monitoring activities in areas of overlapping asserted traditional territories; and</li> <li>j) the means by which the Holder will ensure, on an ongoing basis, each monitor has the contact information for the EAO's Compliance and Enforcement team and how the Holder will request that the monitor contact the EAO's Compliance and Enforcement Team to advise if the monitor is interested in participating in any EAO inspections related to the implementation of conditions related to the monitor's terms of engagement. The contact information and request must be provided to monitors in written form. The Holder must provide the information and make this request to any new individual hired in the role as monitor, within 30 days of: <ul style="list-style-type: none"> <li>i) where the monitor is retained by the Holder, the starting date for that individual's employment; or</li> <li>ii) where the monitor is retained by the Aboriginal Group, the date that the Holder is notified by the Aboriginal Group that a new monitor has been retained.</li> </ul> </li> </ul> <p>Condition 3 (Adaptive Management), does not apply to this Condition.</p> <p>The Holder must provide the draft plan and draft terms of engagement that were developed in consultation with Aboriginal Groups to Aboriginal Groups and the EAO for</p>

No.	Condition
	<p>review a minimum of 60 days prior to the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan and terms of engagement, and any amendments thereto, must be implemented prior to Construction and during Construction, Operations and Closure, and to the satisfaction of the EAO.</p>
18.	<p><b>Cultural and Spiritual Resources Management Plan</b></p> <p>The Holder must retain a Qualified Person to develop a Cultural and Spiritual Resources Management Plan for the Construction, Operations and Closure phases. The plan must be developed in consultation with Aboriginal Groups, EMPR, ENV and FLNRORD.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the types of historic, cultural and spiritual resources that will be addressed by the plan, including resources that are of cultural or spiritual significance to the Aboriginal Groups who may have cultural and/or spiritual resources in the Project Area;</li> <li>b) the process by which a Qualified Person is selected;</li> <li>c) how the Holder will consult and work with Aboriginal Groups to identify areas of cultural or spiritual importance that may be affected by the Project, and to determine whether the areas can be protected from impacts, or whether relocation of features of importance or activities under Condition 15 (Indigenous Cultural Awareness and Recognition) are needed to address effects;</li> <li>d) a chance find procedure that must include: <ul style="list-style-type: none"> <li>i) mitigation measures to avoid or reduce adverse effects to chance finds;</li> <li>ii) training for Employees;</li> <li>iii) means and protocols for notifying Aboriginal Groups of finds, including maintenance of up to date contact lists for Aboriginal Groups;</li> <li>iv) means and protocols for involving Aboriginal Groups in the assessment of finds; and</li> <li>v) the means by which the Holder will document and make available to the relevant authorities any information the Holder has received from Aboriginal Groups on handling and storage of finds in consideration of any laws, customs or protocols identified by the Aboriginal Groups;</li> </ul> </li> <li>e) the means by which the Holder will keep confidential any sensitive cultural, spiritual and/or site-specific information that the Aboriginal Groups have advised the Holder is considered confidential;</li> <li>f) the means by which the Holder will document the consultation in paragraph (c) with Aboriginal Groups and identify and implement measures in a manner that does not reveal confidential information on sites identified in paragraph e);</li> <li>g) means by which representatives and/or traditional knowledge holders from Aboriginal Groups will be involved in the implementation of the plan; and</li> <li>h) a procedure for providing written reports to Aboriginal Groups on the implementation of this plan, including provision of a summary written in plain language.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR,</p>

No.	Condition
	<p>FLNRORD, ENV and Aboriginal Groups to EMPR, FLNRORD, ENV, Aboriginal Groups and the EAO for review a minimum of 90 days prior to the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction until the plan has been approved by the EAO, unless otherwise authorized by the EAO.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Person throughout Construction, Operations and Closure and to the satisfaction of the EAO.</p>
19.	<p><b>Environmental Monitoring Committee</b></p> <p>The Holder must establish, support and maintain an EMC. The EMC must be established at least 180 days before the draft Document Submission Plan required by Condition 10 is provided to the EAO, unless otherwise authorized by the EAO.</p> <p>The purpose of the EMC is to facilitate information sharing and provide advice to the Holder on the ongoing development and operation of the Project, and the implementation of requirements in this Certificate, in a coordinated and collaborative manner.</p> <p>The Holder must invite the EAO, EMPR, ENV, FLNRORD and Aboriginal Groups to participate in all EMC activities.</p> <p>Where a condition of this Certificate requires the Holder to seek Aboriginal Groups' input on the review of a plan, program or other document, prior to developing the plan, program or other document, the Holder must offer to hold a meeting of the EMC to discuss key issues that should be addressed in the particular plan, program or other document. The Holder must convene such meeting if supported by members of the EMC.</p> <p>The Holder must develop an EMC Terms of Reference in consultation with the EAO, EMPR, ENV, FLNRORD and Aboriginal Groups. The Terms of Reference must include, at a minimum:</p> <ul style="list-style-type: none"> <li>a) the mechanisms by which the Holder will facilitate the effective participation of Aboriginal Groups;</li> <li>b) consideration of joint chairing of meetings with Aboriginal Groups or use of a mutually acceptable facilitator;</li> <li>c) the minimum frequency with which the Holder will canvass the EMC for topics to be discussed, and how the Holder will document topics raised and when and how they will be addressed with the EMC, or provide a rationale for why they will not be discussed;</li> <li>d) frequency, timing, and location of meetings;</li> <li>e) methods for documentation of EMC meetings and how meeting minutes or notes will be finalized with EMC members;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>f) identification of other agencies or organizations whose mandates pertain to the topics potentially discussed by the EMC, including federal agencies, and who will be invited to join discussions on those topics;</li> <li>g) methods and means for the EMC to obtain relevant advice, technical support, and expertise;</li> <li>h) how the EMC can coordinate with provincial processes;</li> <li>i) an approach to regularly evaluate the effectiveness of the EMC, including a schedule for these evaluations;</li> <li>j) the means by which the Holder will coordinate the review of plans, programs or other documents required by this Certificate when review by some or all parties in the EMC is required by this Certificate;</li> <li>k) means by which the Holder will ensure the views of EMC members are fully canvassed and discussed amongst the EMC, and how the Holder will document how it has considered those views;</li> <li>l) how the following topics, at a minimum, will be addressed with the EMC, unless otherwise authorized by the EAO: <ul style="list-style-type: none"> <li>i) status of implementation of the requirements of this Certificate;</li> <li>ii) results of ongoing environmental monitoring and adaptive management required by this Certificate, including all plans required by this Certificate, with the exception of the Community Effects Monitoring and Management Plan (CEMMP) (Condition 37) and the Health and Medical Services Plan (Condition 40);</li> <li>iii) potential non-compliances, and potential for non-compliances, with this Certificate;</li> <li>iv) if an initial dilution zone is being proposed in relation to Water Quality Management (Condition 26), the proposal and rationale for that proposal;</li> <li>v) water balance modelling to facilitate understanding of the Holder's management of water surplus to mine operation needs;</li> <li>vi) Project tailings storage facilities (TSF) design, operations, and monitoring of the TSF for structural safety and limiting the amount of water stored that is surplus to mine operation needs;</li> <li>vii) water management during Closure planning;</li> <li>viii) surface water and groundwater quality management and updates to modelling;</li> <li>ix) remediation measures for accidents and malfunctions;</li> <li>x) care and maintenance, including how the EMC will be consulted on updates to the plan required in Condition 11;</li> <li>xi) access management; and</li> <li>xii) compliance activities of the EAO related to the Project;</li> </ul> </li> <li>m) when and how topics identified in l)(i through xii) will be addressed; and</li> <li>n) how the Holder will provide information to support the topics to be discussed by the EMC, including the timing of providing that information in advance of meetings.</li> </ul> <p>Condition 3 (Adaptive Management) does not apply to the EMC Terms of Reference.</p> <p>The Holder must provide the draft EMC Terms of Reference that was developed in</p>

No.	Condition
	<p>consultation with the EAO, EMPR, ENV, FLNRORD and Aboriginal Groups to the EAO for approval at the same time as the Document Submission Plan required in Condition 10 is provided to the EAO, unless otherwise authorized by the EAO. At the time the draft EMC Terms of Reference is provided to the EAO it must also be provided to Aboriginal Groups.</p> <p>The EMC Terms of Reference, and any amendments thereto, must be implemented throughout Construction, Operations, Closure and Post-Closure, and to the satisfaction of the EAO.</p>
20.	<p><b>Air Quality and Dust Management Plan</b></p> <p>The Holder must retain a Qualified Professional to develop an Air Quality and Dust Management Plan. The plan must be developed in consultation with ENV, EMPR, NHA and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the mitigation measures identified in the Mitigations Table required under Condition 43 for the valued component Air Quality will be implemented;</li> <li>b) the means by which guidance contained in EMPR's and ENV's guidance: Developing a Fugitive Dust Management Plan for Industrial Projects (May 2018, or as updated or replaced from time to time) is addressed;</li> <li>c) the identification and detailed descriptions of dust-emitting sources from the Project;</li> <li>d) the identification of environmental receptors to be monitored;</li> <li>e) a compliance monitoring program, including the locations of monitoring stations and equipment that will be used to conduct the monitoring;</li> <li>f) the contaminants of potential concern (COPC) and corresponding concentrations (triggers) that would cause the Holder to take corrective action to reduce contaminant concentrations to avoid adverse health effects to receptors identified in paragraph d);</li> <li>g) how this plan will inform the Wildlife Management and Monitoring Plan (Condition 23), and Country Foods Monitoring Plan (Condition 41); and</li> <li>h) how the Holder will notify the EAO, ENV, EMPR, NHA, Aboriginal Groups, IEM, and the public in the event that contaminant concentration triggers identified in paragraph f) are exceeded. The notification must include both a technical report and a plain language summary of the technical report.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with ENV, EMPR, NHA, and Aboriginal Groups to ENV, EMPR, NHA, Aboriginal Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, and Closure and to the satisfaction of the EAO.</p>

No.	Condition
21.	<p data-bbox="337 279 1078 310"><b>Noise and Vibration Effects Monitoring and Mitigation Plan</b></p> <p data-bbox="337 338 1357 436">The Holder must retain a Qualified Professional to develop and implement a Noise and Vibration Effects Monitoring and Mitigation Plan. The plan must be developed in consultation with EMPR, ENV, NHA, and Aboriginal Groups.</p> <p data-bbox="337 470 850 501">The plan must include at least the following:</p> <ul style="list-style-type: none"> <li data-bbox="386 506 1357 604">a) the means by which the mitigation measures identified in the Mitigation Table required under Condition 43 for the valued component Noise and Vibration will be implemented, including at least the following: <ul style="list-style-type: none"> <li data-bbox="467 604 1317 764">i) locating Construction and Operations camps so that noise levels experienced by Construction and Operations camps residents from road and air traffic and mine equipment are consistent with triggers developed by a Qualified Professional that are protective of human health;</li> <li data-bbox="467 764 1317 898">ii) a description of how the development of triggers under a) i) took into account Health Canada's "Guidance for Evaluating Human Health Impacts in Environmental Assessment: Noise" (April 25 2017 or as updated or replaced from time to time);</li> <li data-bbox="467 898 1317 961">iii) how the Holder will minimize noise through the consideration of the type of aircraft used and frequency of flights; and</li> <li data-bbox="467 961 1357 1031">iv) the means by which the Holder will provide to individuals or groups that could hear the blasts a schedule for the timing of blasting;</li> </ul> </li> <li data-bbox="386 1031 818 1062">b) the following specific mitigations: <ul style="list-style-type: none"> <li data-bbox="467 1062 1357 1125">i) housing the pebble crusher and grinding circuits in insulated structures, and positioning equipment in sheltered or enclosed locations; and</li> <li data-bbox="467 1125 1357 1157">ii) limiting aircraft taking off or landing at the Project to daylight hours only;</li> </ul> </li> <li data-bbox="386 1157 1192 1188">c) identification of noise receptor locations for monitoring programs;</li> <li data-bbox="386 1188 964 1220">d) how and when monitoring will be undertaken;</li> <li data-bbox="386 1220 1300 1354">e) identification of the area where noise from the Project could be heard, and consultation with Aboriginal Groups regarding how different noise levels potentially affect their activities within the identified area and the mitigation measures to address those effects;</li> <li data-bbox="386 1354 1289 1453">f) identification of land users who may be affected by Project noise and how information related to Project activities and the potential for noise will be communicated; and</li> <li data-bbox="386 1453 1240 1522">g) the process, including timelines, for receiving and responding to noise complaints.</li> </ul> <p data-bbox="337 1556 1357 1717">The Holder must provide the draft plan that was developed in consultation with ENV, EMPR, NHA, and Aboriginal Groups to ENV, EMPR, NHA, Aboriginal Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p>

No.	Condition
	The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, and Closure and to the satisfaction of the EAO.
22.	<p><b>Caribou Mitigation and Monitoring Plan</b></p> <p>The Holder must retain a Qualified Professional to develop the Caribou Mitigation and Monitoring Plan to avoid, reduce and offset the Project's adverse effects on caribou and its critical habitat as defined in the Recovery Strategy for the Woodland Caribou, Southern Mountain population (<i>Rangifer tarandus caribou</i>) in Canada (Environment and Climate Change Canada (ECCC) 2014, or as updated or replaced from time to time). The plan must be developed in consultation with FLNRORD, ENV, EMPR, ECCC, and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the mitigation measures identified in the Mitigation Table required under Condition 43 for the valued component Caribou will be implemented;</li> <li>b) a requirement that during Construction the Existing Exploration Access Road (from its origin at the Kluskus-Ootsa Forest Service road to the Mine Site) and the Mt. Davidson Exploration Road, as identified in Figure A1-1 and A-2 of Schedule A to the Certificate, be decommissioned and caribou habitat disturbed by these roads be reclaimed in a manner that supports the reestablishment of caribou habitat;</li> <li>c) the type, timing and frequency for undertaking caribou surveys prior to commencement of Construction, as well as during Operations, and how that information will inform development and implementation of monitoring and mitigation measures during Construction and Operations;</li> <li>d) provision of survey results to Aboriginal Groups, FLNRORD, EMPR and ENV;</li> <li>e) scheduling Construction activities to take into account the caribou "least risk window" (as defined by Ungulate Winter Range Order U-7-012), including monitoring and implementation of management or mitigation measures to avoid or reduce impacts in the event caribou are observed in the area of the Project Site;</li> <li>f) the conditions under which work would be stopped if caribou are seen in the area during Construction;</li> <li>g) development and implementation of caribou awareness protocols for Employees;</li> <li>h) the timing and frequency, which must be at least once per year, unless otherwise authorized by the EAO, that the Holder will request to meet with FLNRORD and Aboriginal Groups to discuss opportunities for the Holder's Participation in provincial caribou regional initiatives and in initiatives related to caribou established under Section 5.2b)i.c. of the Hubulhsooninats'uhoot'alh: Foundation Framework Agreement (July 22, 2018, or as updated or replaced from time to time), between the Province and the Southern Dakelh Nation Alliance. When FLNRORD and/or Aboriginal Groups agree to meet, the Holder must organize such meeting; and</li> </ul>

No.	Condition
	<p>i) the development of a work plan for the Holder's Participation in those initiatives identified in paragraph h) when invited to do so by FLNRORD or the Ministry of Indigenous Relations and Reconciliation.</p> <p>The plan must also include a plan to offset the loss of caribou habitat with recovery and protection of caribou habitat that will benefit the same herd of caribou that is affected by the Project. The offsetting plan must include at a minimum:</p> <p>j) Demonstration of how the plan takes into consideration the assessment and proposals contained in the Application document: New Gold's Response to the May 25, 2018 Information Request from the Canadian Environmental Assessment Agency – Updated Assessment of Impacts to Southern Mountain Caribou and Proposed Caribou Offset, submitted on August 31, 2018 (August 2018 Caribou Memo), including with respect to:</p> <ul style="list-style-type: none"> <li>i) mapping of the caribou critical habitat altered or destroyed by the Project;</li> <li>ii) identifying offset locations within the Tweedsmuir-Entiako Herd Boundary;</li> <li>iii) defining ecological equivalency for areas of proposed offsets compared to the areas affected by the Project and related offset area ratios; and</li> <li>iv) providing a rationale for any deviation from the assessment or proposal in the August 2018 Caribou Memo, including how deviations result in the same or improved overall effectiveness in offsetting the adverse effects to caribou as compared to that included in the August 2018 Caribou Memo;</li> </ul> <p>k) demonstration of how the Holder has considered and designed the offsetting plan to be consistent with or to support any provincial and/or federal plans for the recovery of the herd of caribou affected by the Project;</p> <p>l) how, in identifying offset locations, the Holder sought and considered information on:</p> <ul style="list-style-type: none"> <li>i) areas currently used by caribou;</li> <li>ii) Traditional Knowledge and Traditional Land Use; and</li> <li>iii) areas that would create contiguous blocks of protected habitat;</li> </ul> <p>m) how the proposed offset selection takes into account the duration of effects, including the potential for the duration to change in the future, and technical and financial considerations;</p> <p>n) 1:20,000 scale topographic maps including UTM grid for areas proposed and secured for habitat-based offsetting;</p> <p>o) a description of how areas secured for habitat-based offsetting will be maintained;</p> <p>p) a monitoring program to determine the effectiveness of the offset; and</p> <p>q) the specific actions required on the part of the Holder to secure the offsets, identification of the extent to which the Holder has the ability to implement the offset and identification of actions required by other parties that have been identified by the Holder for the offsets to be fully secured and implemented.</p> <p>The Holder must provide the draft plan that was developed in consultation with FLNRORD, ENV, EMPR, ECCC, and Aboriginal Groups to the EAO, FLNRORD, EMPR, ENV, ECCC, and Aboriginal Groups for review a minimum of 180 days prior to</p>



No.	Condition				
	<p>the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction on the Project Site until the plan has been approved by the EAO and the Holder has completed all actions identified in paragraph q) that are the Holder's responsibility to secure and implement, unless otherwise authorized by the EAO.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, Closure, and Post-Closure, and to the satisfaction of the EAO.</p>				
23.	<p><b>Wildlife Management and Monitoring Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a Wildlife Management and Monitoring Plan. The plan must be developed in consultation with EMPR, ENV, FLNRORD, ECCC and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the mitigation measures identified in the Mitigations Table required under Condition 43 for the following valued components: Amphibians, Bats, Forest and Grassland Birds, Waterbirds, Furbearers, Grizzly Bear, Invertebrates, Moose, Ecosystem Composition and Plant species and Ecosystems at Risk will be implemented;</li> <li>b) the means by which the implementation and effectiveness of mitigation measures in the plan will be monitored;</li> <li>c) pre-construction surveys for wildlife features to be undertaken and the associated avoidance or mitigation measures to be undertaken if specified wildlife features are found in the Project Area, as listed in Table 1, including: <ul style="list-style-type: none"> <li>i) the method(s), timing and duration for surveys and the related rationale for that method(s), timing and duration;</li> <li>ii) the identified measures to be undertaken in light of the requirements for different wildlife features; and</li> <li>iii) the circumstances under which the required measures in the Table 1 would not be implemented, if any, including a clear rationale for those exceptions and identification of alternative measures that will be applied.</li> </ul> </li> </ul> <p><b>Table 1: Pre-Construction Surveys and Associated Avoidance and Mitigation Measures</b></p> <table border="1"> <thead> <tr> <th data-bbox="337 1577 597 1665">WILDLIFE FEATURES TO BE SURVEYED</th><th data-bbox="597 1577 1370 1665">REQUIRED MEASURES IF WILDLIFE FEATURES FOUND</th></tr> </thead> <tbody> <tr> <td data-bbox="337 1665 597 1810">Mineral licks</td><td data-bbox="597 1665 1370 1810">If pre-Construction surveys identify that mineral licks are present within or near areas disturbed (sensory and physical) by Project components, identify measures to maintain the mineral licks in their natural state as determined by a Qualified Professional.</td></tr> </tbody> </table>	WILDLIFE FEATURES TO BE SURVEYED	REQUIRED MEASURES IF WILDLIFE FEATURES FOUND	Mineral licks	If pre-Construction surveys identify that mineral licks are present within or near areas disturbed (sensory and physical) by Project components, identify measures to maintain the mineral licks in their natural state as determined by a Qualified Professional.
WILDLIFE FEATURES TO BE SURVEYED	REQUIRED MEASURES IF WILDLIFE FEATURES FOUND				
Mineral licks	If pre-Construction surveys identify that mineral licks are present within or near areas disturbed (sensory and physical) by Project components, identify measures to maintain the mineral licks in their natural state as determined by a Qualified Professional.				

No.	Condition										
	<table border="1"> <tr> <td data-bbox="337 279 597 394"></td><td data-bbox="597 279 1369 394">If a mineral lick is discovered during Construction or Operations that wasn't identified in a pre-Construction survey, the Qualified Professional must identify appropriate mitigation measures to minimize impacts to the mineral lick.</td></tr> <tr> <td data-bbox="337 394 597 489">Grizzly bear dens</td><td data-bbox="597 394 1369 489">If the results of the survey indicate that there are grizzly bear dens in use, establish a setback around the den(s) while it is in active use, as determined by Qualified Professional.</td></tr> <tr> <td data-bbox="337 489 597 961">Bat roosts and hibernacula features</td><td data-bbox="597 489 1369 961"> <p>If the results of the pre-Construction surveys indicate bat roosts or hibernacula are in the Project Area, avoid disturbance.</p> <p>If avoidance is not possible, install alternative roosts within the vicinity of the observed roost, as well as other mitigation measures as determined by a Qualified Professional. The Holder must demonstrate how the Best Management Practices Guidelines for Bats in British Columbia (ENV February 2016, or as updated or replaced from time to time) were applied.</p> <p>In addition to the pre-Construction survey, the Holder must maintain an inventory of features that may function as potential roosts and hibernacula and must conduct surveys to confirm whether these features are used and by which species. 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This must include:</p> <ul style="list-style-type: none"> <li>i) consideration of habitat identified through the Terrestrial Ecosystem Mapping of the Project Site contained in the Application and identification of the habitat types requiring further assessment;</li> <li>ii) identification of methods to be used to acquire the information, including consideration of applicable Resources Information Standards Committee guidance documents and other information made available to the Holder;</li> </ul>		If a mineral lick is discovered during Construction or Operations that wasn't identified in a pre-Construction survey, the Qualified Professional must identify appropriate mitigation measures to minimize impacts to the mineral lick.	Grizzly bear dens	If the results of the survey indicate that there are grizzly bear dens in use, establish a setback around the den(s) while it is in active use, as determined by Qualified Professional.	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No.	Condition
	<ul style="list-style-type: none"> <li>iii) the role of Aboriginal Group monitors or members of Aboriginal Groups in gathering the information;</li> <li>iv) after the information is gathered, an assessment of the adequacy of the mitigation measures proposed in the Mitigations Table required under Condition 43 in addressing the effects of the Project, in light of the new information gathered;</li> <li>v) if the assessment indicates that additional mitigation is required, the development of new or additional mitigations in a manner consistent with the BC EMP, and documentation of how the BC EMP was applied;</li> <li>vi) how the effectiveness of the mitigation measures identified in paragraphs d)iv) and d)v) will be monitored; and</li> <li>vii) the development of a technical report and a report for a lay audience that documents the activities and outcomes required under paragraphs d)i) to vi). The report must be provided to Aboriginal Groups at least 60 days prior to the start of Construction at the Project Site;</li> <li>e) the means by which the Holder will confirm effects on wildlife and ecosystems in the area flooded in the Davidson Creek watershed upstream of the TSF and the mitigation measures that will be applied to address identified effects;</li> <li>f) the timing and frequency, which must be at least once per year, or as otherwise authorized by the EAO, that the Holder will request to meet with FLNRORD and Aboriginal Groups to discuss the Holder's Participation in provincial moose and grizzly bear regional wildlife and resource management initiatives in Wildlife Management Units 6-01 and 7-12 and initiatives related to wildlife established under sections 5.2b)i.c. and 5.2b)i.g. under the Hubulhsooninats'uhoot'alh: Foundation Framework Agreement (July 22, 2018, or as updated or replaced from time to time) between the Province and the Southern Dakeh Nation Alliance. When FLNRORD and/or Aboriginal Groups agree to meet, the Holder must organize such meeting;</li> <li>g) the development of a work plan for the Holder's Participation in those initiatives identified in paragraph f) when invited to do so by FLNRORD or the Ministry of Indigenous Relations and Reconciliation;</li> <li>h) the development of sub-component plans, which must include: <ul style="list-style-type: none"> <li>i) related mitigation measures, the type, timing and frequency for undertaking wildlife surveys during Construction and Operations, and how that information will inform development and implementation of monitoring and mitigation for the following species: <ul style="list-style-type: none"> <li>i. moose;</li> <li>ii. grizzly bears;</li> <li>iii. bats;</li> <li>iv. amphibians;</li> <li>v. birds (waterbirds and forest and grassland birds); and</li> <li>vi. furbearers;</li> </ul> </li> <li>ii) identification of sensitive life stages for grizzly bears, moose, furbearers, and birds and how the Holder will avoid or mitigate impacts during these time periods taking into account at least the following: <ul style="list-style-type: none"> <li>i. mitigation measures must include no-work zones, rescheduling construction activities, and applying minimum setbacks to construction activities. Where the Qualified Professional is of the</li> </ul> </li> </ul> </li> </ul>

No.	Condition
	<p>view that such measures are not necessary or are impracticable, the plan must include clear justification as to under what circumstances those measures are not feasible or required and identification of alternative measures that are equally effective in mitigating effects; and</p> <ul style="list-style-type: none"> <li>ii. in identifying these life stages and mitigation measures, the Holder must document how it has taken into consideration the A Compendium of Wildlife Guidelines for Industrial Development Projects in the North Area, British Columbia. Interim Guidance, FLNRORD, 2014 (or as updated or replaced from time to time);</li> </ul> <ul style="list-style-type: none"> <li>i) the means by which the Wildlife Management and Monitoring Plan will inform the Country Foods Monitoring Plan (Condition 41) and the End Land Use Plan (Condition 25);</li> <li>j) establishment of policies that prohibit Employees, unless that activity is specifically related to employment requirements, from: <ul style="list-style-type: none"> <li>i) fishing, hunting, or trapping;</li> <li>ii) harassing or feeding wildlife; or</li> <li>iii) possessing firearms;</li> </ul> <p>when travelling, for work-related purposes along Project Roads, the Kluskus and Kluskus-Ootsa Forest Service Roads, and/or when at the Project Site. The policies must identify the circumstances under which any of these activities may be allowed if they are by members of Aboriginal Groups exercising Aboriginal Interests;</p> </li> <li>k) how the Holder will implement at least the following mitigation measures specific to the Project Site: <ul style="list-style-type: none"> <li>i) management of lighting including direction, timing and intensity, to avoid adverse effects on wildlife, while meeting health and safety requirements;</li> <li>ii) regular monitoring of wildlife use of the TSF and water quality in the TSF to determine whether the water quality in the TSF poses a health risk to wildlife; and</li> <li>iii) measures to exclude wildlife from the TSF during periods of health risk for wildlife that are becoming habituated to using or drinking water from the TSF;</li> </ul> </li> <li>l) the means by which the Holder will implement at least the following mitigation measures specific to the transmission line right of way and transmission line access roads: <ul style="list-style-type: none"> <li>i) after the transmission line is constructed, allowing the vegetation within the transmission line right of way to grow in order to minimize predator sight lines by maintaining limits of approach and, after vegetation has grown to one meter in height or more, not reducing the height of the plant community to any lower than one metre from ground level, unless the area is required for tower bases, guy anchor points or along existing access roads;</li> <li>ii) the means by which visual barriers will be created, as directed by a Qualified Professional, to reduce sight lines for predators along the transmission line right of way; and</li> </ul> </li> </ul>

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	<p>iii) a vegetation and access management plan for the transmission line right of way that sets out the timing and means by which all newly created access roads for the construction of the transmission line will be decommissioned and revegetated after they are no longer needed for Construction, the circumstances under which access may be re-established for maintenance and/or repairs of the transmission line, and the means by which roads re-opened for maintenance or repair activity will be decommissioned and revegetated following the maintenance and/or repair activities to meet the requirements in paragraphs l) i) and ii);</p> <p>m) how the Holder will implement at least the following mitigation measures specific to road use:</p> <ul style="list-style-type: none"> <li>i) establishing a 50 kilometres per hour speed limit on all Project Roads;</li> <li>ii) identifying wildlife corridors and/or habitual crossing areas that intersect Project Roads and install and maintain wildlife crossing signs where those wildlife corridors intersect the Project Roads;</li> <li>iii) identifying wildlife corridors and/or habitual crossing areas that intersect the Kluskus and Kluskus-Ootsa Forest Service Roads and describe how the Holder will identify those to FLNRORD and offer to install and maintain wildlife crossing signs where those wildlife corridors intersect the Kluskus and Kluskus-Ootsa Forest Service Roads; and</li> <li>iv) the means and timing by which the Holder will notify FLNRORD of carrion resulting from impacts with Project Vehicles on Project Roads and the Kluskus and Kluskus-Ootsa Forest Service Roads, and when safe to do so, remove the carrion to a suitable location where the carrion can serve as a food source for wildlife, as determined by a Qualified Professional, unless FLNRORD is not able to authorize that removal and relocation;</li> </ul> <p>n) the means by which the Holder will, throughout all phases of the Project:</p> <ul style="list-style-type: none"> <li>i) record wildlife observations, wildlife mortalities observed, and significant interactions and/or conflicts between people and wildlife in the Project Area;</li> <li>ii) tabulate and submit the information recorded in paragraph n) i) to ENV, FLNRORD and Aboriginal Groups on an annual basis; and</li> <li>iii) report on identified risks to wildlife and/or people learned from such monitoring and how such risks will be addressed; and</li> </ul> <p>o) identify the project phase or phases applicable for each mitigation and/or management measure in the plan, including a rationale for why mitigation and/or management measures would not be applicable in a certain project phase or phases.</p> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD, ECCC, and Aboriginal Groups to EMPR, ENV, FLNRORD, ECCC, Aboriginal Groups, and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p>

No.	Condition
	The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, Closure and Post-Closure and to the satisfaction of the EAO.
24.	<p><b>Wetland Management and Offsetting Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a Wetland Management and Offsetting Plan, to offset losses of wetland functions caused by the Project, in consultation with FLNRORD, ENV, ECCC, EMPR and Aboriginal Groups. In this Condition, “wetland function” refers to the hydrological, ecological and wildlife lifecycle requirements provided by wetlands.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the mitigation measures identified in the in the Mitigations Table required under Condition 43 for the valued component Wetlands will be implemented;</li> <li>b) a detailed description for each wetland that would be lost or altered as a result of the Project, including: <ul style="list-style-type: none"> <li>i) an assessment of each wetland and wetland function that would be lost or altered based on Wetlands of British Columbia: A Guide to Identification (FLNRORD 2004, or as updated or replaced from time to time); and</li> <li>ii) the location and extent of these wetlands, including in relation to the local watershed;</li> </ul> </li> <li>c) a description of the methods used to determine the functions and overall condition of wetlands;</li> <li>d) a description of the offsetting measures to be implemented by the Holder, including the amount and type of offsets required, the selection of offsetting sites, and a schedule and timeline for implementation of offsetting measures. The Holder is responsible for offsetting measures that compensate for expected losses of individual wetland functions described in (b);</li> <li>e) a description of how the plan applies the hierarchy of mitigation measures set out in the BC EMP;</li> <li>f) a description of how the selection of offsets took into account the extent to which the potential offsets would also provide additional habitat for grizzly bear and moose;</li> <li>g) a description of how input from Aboriginal Groups was considered in the identification and selection of potential locations for wetland offsets; and</li> <li>h) a description of how the implementation of the offsets and mitigation measures will be monitored for effectiveness.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD, ECCC, and Aboriginal Groups to EMPR, ENV, FLNRORD, ECCC, Aboriginal Groups, and the EAO for review a minimum of 90 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction until the plan has been approved by the EAO, unless otherwise authorized by the EAO.</p>

No.	Condition
	<p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations and Closure and to the satisfaction of the EAO.</p>
25.	<p><b>End Land Use Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop an End Land Use Plan, consistent with Section 10 of the Health, Safety and Reclamation Code for Mines in British Columbia (June 2017, or as updated or replaced from time to time) at a minimum, for all disturbance areas within the Project Area, in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a definition and description of the pre-mining land and water capability and land and water use conditions, using maps and tabular inventories, with respect to ecosystems and habitats and other uses in the area of the Project Area disturbances;</li> <li>b) a definition and description of the predicted post-closure land and water capability and land and water use conditions (based on changes that are expected to occur to topography and soil conditions due to mine development), using maps and tabular inventories, with respect to ecosystems and habitats, ability to exercise Aboriginal Interests and other uses for the Project Area disturbances;</li> <li>c) modelling, or other planning exercises, to reconcile or minimize differences between the pre-mining conditions (as per paragraph a) and post-mining projections (as per paragraph b) accounting for, but not limited to, Project design, terrain profiling and contouring, and optimization of soil conditions;</li> <li>d) documentation of the forecasted net changes in land capability between pre- and post-mining conditions and how any opportunities to improve land capability from its previous state were considered and incorporated;</li> <li>e) incorporation of mitigation targets related to valued components examined in the Application, including but not limited to wildlife and wildlife habitat, vegetation, and ecosystems, and monitoring for those targets;</li> <li>f) how the plan will take into consideration the Caribou Mitigation and Monitoring Plan (Condition 22), Wildlife Management and Monitoring Plan (Condition 23), Water Quality Management (Condition 26), and Wetland Management and Offsetting Plan (Condition 24); and</li> <li>g) consideration of how water quality may affect the Holder's ability to achieve the end land use.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups to the EAO, EMPR, ENV, FLNRORD, and Aboriginal Groups for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p>

No.	Condition
	The plan, and any amendments thereto, must be implemented to the satisfaction of the Qualified Professional throughout Construction, Operations, Closure and Post-Closure, and to the satisfaction of the EAO.
26.	<p><b>Water Quality Management</b></p> <ul style="list-style-type: none"> <li>a) During Construction, Operations, Closure, and Post-Closure, the Holder must ensure the Project does not cause downstream water quality to exceed BC Water Quality Guidelines, unless the Holder has developed and ENV has accepted one or more Science Based Environmental Benchmarks (SBEBs), in which case the accepted SBEB must not be exceeded. Downstream water quality includes water quality in, at a minimum, Davidson Creek and Creek 661, as monitored in accordance with paragraph (d) of this Condition.</li> <li>b) If the Holder develops SBEBs, these must be developed: <ul style="list-style-type: none"> <li>i) in consultation with ENV and Aboriginal Groups;</li> <li>ii) in accordance with ENV's "A Framework for the Development and Use of Freshwater Science-Based Environmental Benchmarks for Aquatic Life in <i>Environmental Management Act</i> Permitting for Mines" (March 2016, or as updated or replaced from time to time); and</li> <li>iii) in consideration of Yinka Dene Water Law (YDWL) for Davidson Creek, and in consideration of any other water policies from Aboriginal Groups made available to the Holder for Davidson Creek and/or Creek 661; and submitted to the EAO, ENV and Aboriginal Groups within the time set out in Condition 10, the Document Submission Plan.</li> </ul> </li> <li>c) If the Holder develops SBEBs, the Holder must produce a report that clearly documents how the YDWL and any other Aboriginal water policies referenced in paragraph b) iii) were considered in the development of SBEBs. Where site specific standards or metrics for YDWL for Davidson Creek or another Aboriginal Group's water policies for Davidson Creek and/or Creek 661 are made available to the Holder, the report must include a comparison of how the SBEB compares to those standards or metrics. The report must be provided to ENV, EMPR, EAO, and Aboriginal Groups in accordance with the time set out in Condition 10, the Document Submission Plan, and be to the satisfaction of the EAO.</li> <li>d) The Holder must monitor surface water quality at a location(s) determined by a Qualified Professional, in consultation with EMPR, ENV, and Aboriginal Groups.</li> </ul>
27.	<p><b>Water Quality Report</b></p> <p>The Holder must retain a Qualified Professional to develop a Water Quality Report. The report must be developed in consultation with Aboriginal Groups, ENV and EMPR.</p> <p>The report must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a description of the water quality baseline available for the waterbodies listed in paragraph c) existing at the time the Certificate is issued, and any additional baseline collected for those waterbodies subsequent to the issuance of the Certificate. The description must include the locations, frequency and duration of sampling, and include consideration of YDWL, any other Aboriginal Group's water policies made available to the Holder, and guidance from ENV;</li> </ul>



No.	Condition
	<p>b) clear documentation of how the baseline collection methods and scope compares to any methods specified in the YDWL, any other Aboriginal Group's water policies, and ENV guidance documents;</p> <p>c) water quality baseline for the following waterbodies:</p> <ul style="list-style-type: none"> <li>i) Tatelkuz Lake;</li> <li>ii) Davidson Creek;</li> <li>iii) Chedakuz Creek at a location where Chedakuz Creek would be expected to be affected by mine effluent discharge into Davidson Creek; and</li> <li>iv) a location downstream of the location in paragraph c)iii) where no further effects on water quality from the Project is predicted;</li> </ul> <p>d) the rationale for the selection of the locations for the collection of baseline information;</p> <p>e) a comparison of site-specific water quality metrics or standards developed by Aboriginal Groups under their own Aboriginal water policies to the modelled water quality at a point on Chedakuz Creek where water received from Davidson Creek is fully mixed into Chedakuz Creek.</p> <p>The Holder is only required to provide the information in paragraph e) if a Carrier Sekani First Nation has provided to the Holder the site-specific measures or standards developed under the YDWL, or if another Aboriginal Group has provided site-specific measures or standards under its Aboriginal water policy that are relevant for the location specified in paragraph e).</p> <p>The report must be provided to Aboriginal Groups, ENV and the EAO in accordance with the timelines set out in the Document Submission Plan set out in Condition 10.</p> <p>The report must be developed to the satisfaction of a Qualified Professional and to the satisfaction of the EAO.</p>
28.	<p><b>Chedakuz Creek and Tatelkuz Lake Surface Water Quality Monitoring Plan</b></p> <p>The Holder must retain a Qualified Professional to develop a surface water quality monitoring plan for Tatelkuz Lake and Chedakuz Creek upstream of the Nechako Reservoir. The plan must be developed in consultation with Aboriginal Groups, ENV and EMPR.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) monitoring locations;</li> <li>b) frequency of monitoring;</li> <li>c) the means by which the baseline information in Condition 27, Water Quality Report, and any other appropriate information or criteria as determined by a Qualified Professional, will be used to determine if there are adverse effects due to the Project to: <ul style="list-style-type: none"> <li>i) Tatelkuz Lake; and</li> <li>ii) Chedakuz Creek upstream of Nechako Reservoir;</li> </ul> </li> <li>d) how the Holder has considered YDWL, other Aboriginal policies made available to the Holder from Aboriginal Groups, and ENV guidance in development of the criteria in paragraph c);</li> </ul>

No.	Condition
	<p>e) conditions, if any, under which monitoring would no longer be required; and</p> <p>f) the means by which the Holder will communicate this information to Aboriginal Groups, including identification of the type of information to be provided, the frequency of reporting and the implications of the water quality observed at Chedakuz Creek for the Nechako Reservoir. Reports must include a summary written for a lay audience.</p> <p>The Holder must provide this draft plan that was developed in consultation with Aboriginal Groups, ENV and EMPR to the EAO, ENV, EMPR and Aboriginal Groups a minimum of 60 days prior to the planned commencement of Construction, or as or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Operations, Closure and Post-Closure, and to the satisfaction of the EAO.</p>
29.	<p><b>Transmission Line Sedimentation Monitoring Plan</b></p> <p>To supplement the sediment and erosion control requirements under the Construction Environmental Management Plan (Condition 13), the Holder must retain one or more Qualified Professionals to develop a plan to avoid sedimentation in waterbodies during construction and maintenance of the transmission line. The plan must be developed in consultation with ENV, FLNRORD, and Aboriginal Groups.</p> <p>The Plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a requirement for the development of site-specific erosion and sediment control prescriptions for all transmission line construction and maintenance works that have the potential to impact YDWL Class 1 Waterbodies as set out in Appendix 1 and/or other waterbodies identified to be of cultural significance by other Aboriginal Groups, during transmission line construction and maintenance. The prescriptions must be prepared by a Qualified Professional who is also a Certified Professional in Erosion and Sediment Control (CPESC). The implementation of these prescriptions must be under the direction of a CPESC;</li> <li>b) prescriptions that detail the circumstances under which YDWL Class 1 Waterbodies and other waterbodies identified in paragraph a) (if any), will be monitored for turbidity and the specific monitoring methods that will be employed;</li> <li>c) monitoring for turbidity at a location upstream and a location downstream of Construction and maintenance activities;</li> <li>d) development of triggers for increases in turbidity as a result of the Project taking into consideration BC Water Quality Guidelines, YDWL and any policy provided to the Holder by other Aboriginal Groups that is relevant for the waterbodies identified in paragraph a) for turbidity;</li> <li>e) a description of how the Holder has considered the YDWL, other Aboriginal Groups' water policies applicable to the waterbodies identified in paragraph a) if made available to the Holder, and BC Water Quality Guidelines in developing the triggers;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>f) the identification of mitigation and/or remediation measures in the event that such triggers in paragraph d) are met or exceeded, the timing of implementation of such measures, and monitoring of the effectiveness of such measures;</li> <li>g) criteria to determine when turbidity monitoring may be reduced and/or is no longer required;</li> <li>h) a requirement that all monitoring data and mitigation implementation be documented, retained, and provided to the EAO Compliance and Enforcement and Aboriginal Groups upon request; and</li> <li>i) a requirement that the Holder invite, and if the Aboriginal Groups' monitor is available, arrange for, Aboriginal Groups' monitors to be present during transmission line construction and maintenance activities at all locations where the site-specific erosion and sediment control prescriptions have been developed.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with ENV, FLNRORD, and Aboriginal Groups to the EAO, ENV, FLNRORD, and Aboriginal Groups a minimum of 90 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction of the transmission line until the plan has been approved by the EAO, unless otherwise authorized by the EAO.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction and during maintenance of the transmission line, and to the satisfaction of the EAO.</p>
30.	<p><b>Aquatic Effects Monitoring Plan</b></p> <p>The Holder must retain a Qualified Professional to develop an Aquatic Effects Monitoring Plan (AEMP). The AEMP must be developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups.</p> <p>The AEMP must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a description of how the plan takes into consideration the YDWL and any other Aboriginal water policies made available to the Holder by the Aboriginal Groups;</li> <li>b) a description of the Project, associated activities, and study area;</li> <li>c) a conceptual model that describes the relationships between mining-related activities and potential effects on the aquatic environment;</li> <li>d) a description of the water quality issues and concerns with respect to the Project that exist in the vicinity of the Project Site;</li> <li>e) the objectives and a list of questions the AEMP is intended to answer;</li> <li>f) a detailed description of the design of the monitoring program, including a list of assessment endpoints (for example, survival, growth, and reproduction of fish in receiving waters) and measurement endpoints (for example, surface water chemistry) that will be incorporated into the AEMP;</li> <li>g) a description of the locations, timing, and frequency of sampling for each of the measurement endpoints and metrics (e.g., concentrations of major ions in surface water) that will be included in the AEMP, including those for surface</li> </ul>

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	<p>water chemistry, surface water toxicity, sediment chemistry, sediment toxicity, tissue chemistry, aquatic plant communities, aquatic invertebrate communities, fish communities, and aquatic-dependent wildlife communities;</p> <ul style="list-style-type: none"> <li>h) the means by which the data collected under the AEMP will be analyzed to determine the effects of the Project on the aquatic environment;</li> <li>i) means by which the AEMP will inform the Country Foods Monitoring Plan (Condition 41);</li> <li>j) a list of reports that will be prepared to disseminate the results of the AEMP, including a description of the proposed frequency, timing, structure, and content of each report. The reports must include a report that summarizes the results of the AEMP in language understandable to a lay audience; and</li> <li>k) the process and timing for sharing monitoring and study results, including the reports required under paragraph (j), with ENV, EMPR, FLNRORD, Aboriginal Groups and the EMC.</li> </ul> <p>The adaptive management aspect of this plan, as required under Condition 3, may be in a stand-alone section of this plan.</p> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups to EAO, EMPR, ENV, FLNRORD, and Aboriginal Groups for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The AEMP, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, Closure and Post-Closure and to the satisfaction of the EAO.</p>
31.	<p><b>Tatelkuz Lake Protection Plan</b></p> <p>The Holder must retain a Qualified Professional to develop a Tatelkuz Lake Protection Plan. The plan must be developed in consultation with EMPR, ENV, FLNRORD, and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) when developing proposed water withdrawals for Tatelkuz Lake, the means by which the Holder will take into consideration that withdrawing water from Tatelkuz Lake to supplement flows for fish and fish habitat in Davidson Creek can have a negative effect on fish and fish habitat in Chedakuz Creek;</li> <li>b) the means by which the Holder will monitor and mitigate the effects of lake level drawdown on fish and fish habitat in the littoral zone, including habitat required to maintain and protect fish eggs;</li> <li>c) how winter withdrawals of water will be managed to avoid creating unsafe ice conditions on Tatelkuz Lake;</li> <li>d) the means by which the Holder will annually canvass Aboriginal Groups to determine which Aboriginal Groups would like information related to Tatelkuz Lake water levels and safety regarding the use of the lake when the lake is ice covered; and</li> <li>e) for any Aboriginal Group who identifies an interest in ice safety information as</li> </ul>

No.	Condition
	<p>per paragraph d), provide a report on effects on ice safety on Tatelkuz Lake and offer to hold a winter ice safety event. The report and safety event must be within 45 days of receiving expressions of interest from Aboriginal Groups, unless otherwise authorized by the EAO.</p> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, FLNRORD and Aboriginal Groups to the EAO, EMPR, ENV, FLNRORD, and Aboriginal Groups for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations and Closure and to the satisfaction of the EAO.</p>
32.	<p><b>Cyanide Management Plan</b></p> <p>The Holder must develop a Cyanide Management Plan in consultation with EMPR, ENV, and Aboriginal Groups. The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) a description of how the plan is consistent with the Principles and Standards of Practice in the <i>International Cyanide Management Code for the Manufacture, Transport, and Use of Cyanide In the Production of Gold</i> (the International Cyanide Management Code, December 2016, or as updated or replaced from time to time);</li> <li>b) means by which cyanide-containing effluent will be monitored and treated prior to discharge, including discharge to the TSF;</li> <li>c) identification of cyanide concentrations that would trigger the need for additional effluent treatment; and</li> <li>d) management strategies to ensure that hydrogen cyanide gas stays below applicable human health thresholds.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with ENV, EMPR, and Aboriginal Groups to EAO, ENV, EMPR, and Aboriginal Groups for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan, and any amendments thereto, must be implemented throughout Construction and Operations and to the satisfaction of the EAO.</p>
33.	<p><b>Mine Waste and Water Management Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a Mine Waste and Water Management Plan. The goal of the plan is to manage mine waste and water in a manner that is protective of the receiving environment. The plan must be developed in consultation with Aboriginal Groups, ENV and EMPR.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the Holder will implement an oxygen-preventing barrier to cover waste rock, tailings and other mine by-products to prevent adverse effects from rock that is currently or potentially acid-generating or ML. The</li> </ul>

No.	Condition
	<p>barrier may include coverage with additional tailings, water, or another mitigation measure that will be effective at limiting the potential for ML/ARD, as determined by the Qualified Professional(s);</p> <p>b) the means by which the Holder will limit the year-over-year accumulation of water stored in TSF that exceeds the amount necessary to:</p> <ul style="list-style-type: none"> <li>i) address water needed under paragraph a); and</li> <li>ii) meet the needs for the operation of the mill.</li> </ul> <p>This determination must be made by a Qualified Professional(s), taking into account safety and concerns expressed by Aboriginal Groups. The plan must identify whether treatment and discharge of water from the TSF during Operations was considered and if not, provide a rationale;</p> <p>c) the means by which the Holder will monitor and document the year-over-year water accumulation in the TSF;</p> <p>d) the management of ML/ARD from low grade ore stored on land during Operations, which must include placement of the ore on a low permeability foundation and collection, monitoring, and treatment of low grade ore contact water;</p> <p>e) a requirement that any remaining low-grade ore stockpile be backfilled into the pit or TSF at the end of Operations;</p> <p>f) identification of water treatment technology or technologies proposed to be used during Operations to treat pit water for discharge; and</p> <p>g) if any water treatment technology proposed for use during Operations differs from that proposed in the memo submitted as part of the Application (Document: Appendix F: Preliminary Design of Pit Sump and Pit Perimeter Dewatering Well Network Water Treatment Plan for the Blackwater Gold Project in Blackwater Gold Project: Updated Surface Water Quality Model Report (Aug 2016). Prepared by ERM), an assessment of how the new proposed technology achieves the same or better results as the technology proposed in the Application.</p> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV and Aboriginal Groups to EMPR, ENV, Aboriginal Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan must be updated at least every five years from the planned commencement of Construction, unless otherwise authorized by the EAO.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction and Operations, and to the satisfaction of the EAO.</p>
34.	<p><b>Closure and Post-Closure Water Quality Management Plan</b></p> <p>The Holder must retain a Qualified Professional to develop a plan for water quality management during Closure and Post-Closure. The plan must be developed in consultation with EMPR, ENV, and Aboriginal Groups.</p>

No.	Condition
	<p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) continuation of mitigation measures identified in paragraphs a) and b) i) of Condition 33 (Mine Waste and Water Management Plan);</li> <li>b) identification of the proposed water treatment technology for use at Closure and Post-Closure, including: <ul style="list-style-type: none"> <li>i) whether and how the water treatment technology differs from the technology proposed in the Application (Document: February 15, 2017 Blackwater Gold Project: Water Treatment Responses for Comments 1266, 1270, 1271, 1272, and 1273);</li> <li>ii) an assessment and identification of the timing for when the treatment is expected to be required, including identification of the factors considered in the assessment;</li> <li>iii) identification and description of any new information available on the water treatment technology referred to in paragraph b) i) that could affect the conclusions in the environmental assessment on the effectiveness of the treatment or the confidence in the treatment being effective;</li> <li>iv) if information in paragraph b) iii) indicates the water treatment technology will have a lower level of confidence or be less effective than identified in the Application, identification of the additional mitigation measures that will be applied; and</li> <li>v) if new or changed water treatment technology is proposed in Closure or Post-Closure: <ul style="list-style-type: none"> <li>i. demonstration that the water treatment technology can achieve downstream water quality required by Condition 26 (Water Quality Management); and</li> <li>ii. demonstration that the technology is technically feasible;</li> </ul> </li> </ul> </li> <li>c) description of how any water treatment by-products will be managed;</li> <li>d) the means by which the Holder will actively fill the pit with water in Closure to address ML/ARD;</li> <li>e) description of any additional monitoring, mitigation and/or management measures, additional to water treatment, needed to support the effectiveness of water treatment or achieving the water quality required by Condition 26, Water Quality Management, such as methods for maintaining adequate water quality in the pit lake; and</li> <li>f) identification of mitigation measures to limit seepage from TSF C from entering the TSF pond D such that seepage does not cause the quality of water discharged from TSF pond D to the receiving environment to exceed limits required by Condition 26 (Water Quality Management).</li> </ul> <p>The Holder must provide the this draft plan that was developed in consultation with EMPR, ENV, and Aboriginal Groups to EMPR, ENV, Aboriginal Groups and the EAO for review at the time of the Holder's planned commencement of Operations. The plan must be updated at least every five years from the commencement of Operations. The Holder may change the frequency of the plan updates, if authorized by the EAO.</p> <p>The plan, and any updates and amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Operations, Closure and Post-</p>

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	Closure, and to the satisfaction of the EAO.
35.	<p><b>Tailings Dam Safety Transparency Plan</b></p> <p>The Holder develop a Tailings Dam Safety Transparency Plan. The plan must be developed in consultation with EMPR, ENV, and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the identification and description of all types of reports, reviews, inspections and meetings pertaining to tailings dam safety that are produced, undertaken or held by the Holder;</li> <li>b) the frequency and anticipated timing for the materials and activities identified in paragraph a);</li> <li>c) how and when the information in paragraph a) will be provided to Aboriginal Groups in a timely manner;</li> <li>d) a description of how the Holder will invite the Aboriginal Groups' monitors identified in Condition 17 and other Aboriginal Group representatives to be included in the Holder's meetings and site inspections pertaining to tailings dam safety;</li> <li>d) the provision of an annual report, developed by a Qualified Professional, to the EAO, ENV, EMPR and Aboriginal Groups on dam safety, including changes to the status of the tailings dam and the status of ongoing investigations or actions being taken to address any safety issues. The report must include a summary written for a lay audience; and</li> <li>e) the provision of and timing for offering an annual dam safety meeting with Aboriginal Groups and EMPR.</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, and Aboriginal Groups to EMPR, ENV, Aboriginal Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Schedule required by Condition 10 of this Certificate.</p> <p>The plan, and any amendments thereto, must be implemented by a Qualified Professional throughout Construction, Operations, Closure, Post-Closure, and following Post-Closure, or as otherwise authorized by the EAO, and to the satisfaction of the EAO.</p>
36.	<p><b>Accidents and Malfunctions Administration and Communication Plan</b></p> <p>The Holder must retain one or more Qualified Professionals or Qualified Persons to develop a Accidents and Malfunctions Administration and Communication Plan for the Project. The plan must be developed in consultation with FLNRORD, EMPR, ENV, NHA, and Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the Holder will acquire and maintain contact information for Aboriginal Groups, Tatalkus Indian Reserve 28, other nearby residents, local communities or other users of the area who could be affected by an accident or malfunction;</li> </ul>



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	<ul style="list-style-type: none"> <li>b) the types of accidents and malfunctions requiring notification by the Holder and the timeframe of notifications (including updates subsequent to the initial notification) to those identified in paragraph a);</li> <li>c) information to be included in the notifications required by paragraph b), including but not limited to: <ul style="list-style-type: none"> <li>i) information on the accident or malfunction, including types and quantities of substances released, location of releases, duration of releases, and potential impacts caused by the release;</li> <li>ii) any health advisories;</li> <li>iii) remedial action being taken by the Holder including measures to avoid similar occurrences; and</li> <li>iv) details of subsequent monitoring related to the accident or malfunction;</li> </ul> </li> <li>d) the manner by which those identified in paragraph a) will be notified by the Holder of an accident or malfunction;</li> <li>e) process for identifying and providing opportunities for those identified in paragraph a) to assist in response to the accident or malfunction;</li> <li>f) identification of any types of accidents and malfunctions that are not addressed in other plans, programs or other documents required by this Certificate or in provincial requirements for the Project, and mitigation measures to address potential adverse effects arising from those accidents or malfunctions; and</li> <li>g) requirements for the Holder to manage the risk of, monitor and report on Project Vehicle-related accidents, including but not limited to identifying: <ul style="list-style-type: none"> <li>i) response measures for fires or explosions involving Project Vehicles;</li> <li>ii) safety measures to be followed by drivers of Project Vehicles; and</li> <li>iii) safety and emergency response equipment to be incorporated into Project Vehicles.</li> </ul> </li> </ul> <p>The Holder must provide this draft plan that was developed in consultation with EMPR, NHA, ENV, FLNRORD, and Aboriginal Groups to FLNRORD, EMPR, ENV, NHA, Aboriginal Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Schedule required by Condition 10 of this Certificate.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, Closure and Post-Closure, and to the satisfaction of the EAO.</p>
37.	<p><b>Community Liaison Committee and Community Effects Monitoring and Management Plan</b></p> <p>The Holder must establish and maintain a Community Liaison Committee (CLC). The purpose of the CLC is to provide information to the Holder on effects from the Project in the members' communities, to provide advice to the Holder on mitigation measures to address social and economic effects, and review and comment on the CEMMP and the plan's implementation.</p> <ul style="list-style-type: none"> <li>a) the Holder must develop a Terms of Reference for the CLC in consultation with the District of Vanderhoof, Village of Fraser Lake, Aboriginal Groups, NHA and the EAO. The Terms of Reference must include at least the following:</li> </ul>

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	<ul style="list-style-type: none"> <li>i) the communities or organizations that will be invited to be members of the CLC. This must include at least the following: District of Vanderhoof, Village of Fraser Lake, Aboriginal Groups, and NHA;</li> <li>ii) the mechanisms by which the Holder will facilitate the effective participation of CLC members;</li> <li>iii) the frequency with which the CLC will be canvassed for agenda topics and the means by which the Holder will provide responses to CLC members on those proposed topics;</li> <li>iv) the frequency of meetings and the means by which the locations of meetings will be selected;</li> <li>v) the means by which CLC members will be advised of the timing of and topics for proposed meetings;</li> <li>vi) the means by which meeting records will be kept and meeting notes made publicly available;</li> <li>vii) the means by which other agencies or organizations whose mandates pertain to the topics potentially discussed by the CLC will be identified and invited to join discussions on those topics;</li> <li>viii) the means by which the CLC will coordinate with the EMC (Condition 19) where similar or related topics are being considered;</li> <li>ix) the means by which the Holder will provide and document responses to issues raised at the CLC;</li> <li>x) the means by which the CLC will be asked to periodically review the implementation of the CEMMP; and</li> <li>xi) an approach to periodically evaluate the effectiveness of the CLC;</li> </ul> <p>b) The Holder must retain one or more Qualified Persons to develop a CEMMP. The plan must be developed in consultation with the CLC. The Qualified Persons must each have a minimum of five years' relevant experience in the assessment and management of the social effects identified associated with major mines or industrial facilities. The CEMMP must include at least the following:</p> <ul style="list-style-type: none"> <li>i) identification of the communities likely to experience social or economic effects that are to be addressed in the plan;</li> <li>ii) the means by which additional communities would be identified and included in the plan should effects from the Project extend to other communities in the future;</li> <li>iii) a monitoring program for the following potential adverse effects from the Project on the communities identified in paragraphs b) i) and b) ii) related to: <ul style="list-style-type: none"> <li>i. impacts on community services;</li> <li>ii. impacts on population and demographics;</li> <li>iii. impacts on crime and socially disruptive behaviour; and</li> <li>iv. impacts on community and family well-being;</li> </ul> </li> <li>iv) means by which the Holder will assess and mitigate potential adverse effects from the Project on Aboriginal Groups and sub-populations who may be more vulnerable to Project related adverse social impacts;</li> </ul>

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	<ul style="list-style-type: none"> <li>v) provision of housing for all Employees at camps at the Project Site during Construction and Operations while on shift;</li> <li>vi) provision of transportation for Employees to the Project Site by bus during Operations and bus and airplane to the Project Site during Construction and the means by which the Holder will restrict Employees from driving personal vehicles to the Project Site, except under limited and identified circumstances;</li> <li>vii) measures to facilitate hiring of Employees and service providers from the Socio-economic Regional Study Area defined in the Application and from Aboriginal Groups. These measures must include: <ul style="list-style-type: none"> <li>i. skills training; and</li> <li>ii. recruitment approaches to facilitate hiring of members of Aboriginal Groups and population groups who are typically under-represented in mine employment;</li> </ul> </li> <li>viii) measures to support Employees maintaining regular contact with their social networks while residing at the camps;</li> <li>ix) measures to support Employees in managing personal finances and mental and physical health;</li> <li>x) management of traffic along the Kluskus and Kluskus-Ootsa Forest Service Road, including how the Holder will seek and respond to concerns about road traffic from local communities and other road users;</li> <li>xi) means by which the Holder will reduce the effects on Employees and local communities when Operations cease on a temporary or permanent basis;</li> <li>xii) means by which the Holder will provide information to Aboriginal Groups, land users and tenure holders on the potential impact of Project activities on their use and enjoyment of an area affected by the Project and consider and address concerns raised by those individuals; and</li> <li>xiii) the process by which members of the public may submit feedback regarding the Project and the resolution process for any complaints received about the Project, including the timeframe and means by which the Holder will respond to the complaint, and how issues will be identified, tracked and responses documented.</li> </ul> <p>The Holder must provide the draft CLC terms of reference that was developed in consultation with the District of Vanderhoof, Village of Fraser Lake, Aboriginal Groups, NHA and the EAO to the EAO and proposed CLC members a minimum of 180 days prior to the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must provide the draft CEMMP that was developed in consultation with the CLC to the EAO and CLC members a minimum of 60 days prior to the planned commencement of Construction, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan and terms of reference, and any amendments thereto, must be implemented</p>

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	to the satisfaction of a Qualified Person throughout Construction, Operations, and for the first five years of Closure, and to the satisfaction of the EAO.
38.	<p><b>Tenure Holder Communication and Mitigation Plan and Report</b></p> <p>The Holder must retain a Qualified Person with at least five years' experience related managing and mitigating potential conflicts between tenure holders in BC, to develop a plan to address potential adverse effects of the Project on the business conducted under guide outfitter licence #601039. The plan must be developed in consultation with FLNRORD and the holder of the guide outfitter licence #601039 (Licence Holder).</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) mitigation measures to address potential for adverse effects to the Licence Holder's operations, including but not limited to: <ul style="list-style-type: none"> <li>i) using noise abatement measures and consideration of scheduling Project activities to limit disruption to the guiding operations;</li> <li>ii) providing the construction schedule to the Licence Holder 30 days prior to the planned commencement of Construction;</li> </ul> </li> <li>b) an analysis of how the consultation with the Licence Holder and mitigation and accommodation measures in the plan are consistent with BC's A Practical Guide to Effective Coordination of Resource Tenures (2008, or as updated or replaced from time to time);</li> <li>c) a detailed description of the consultation undertaken with the Licence Holder regarding the mitigation measures in paragraph a) and analysis in paragraph b), including a report on concerns raised by the Licence Holder and the Holder's response to those concerns; and</li> <li>d) the means by which the Holder will monitor and report on the effectiveness of the mitigations referred to in paragraph a).</li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with FLNRORD and the Licence Holder to the EAO and FLNRORD a minimum of 90 days prior to the planned commencement of Construction, unless otherwise listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must not commence Construction until the plan and the report have been approved by the EAO, unless otherwise authorized by the EAO.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of a Qualified Person throughout Construction and Operations and to the satisfaction of the EAO.</p>
39.	<p><b>Final Transmission Line Routing Plan</b></p> <p>The Holder must develop a Final Transmission Line Routing Plan (FTLRP) in consultation with ENV, FLNRORD, and Aboriginal Groups. The plan must be developed in two phases.</p> <p>Phase 1 of the FTLRP must include at least the following:</p> <ul style="list-style-type: none"> <li>a) the means by which the Holder will consult with FLNRORD, Aboriginal Groups, existing tenure holders, permit holders, property owners, recreationalists, and</li> </ul>

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	<p>other land users potentially affected by the transmission line routing options on the potential effects of the transmission line to those parties, including the means by which the Holder will identify the appropriate parties to be consulted;</p> <p>b) the mitigation measures to address potential impacts from the transmission line that will be proposed to the parties identified in paragraph a); and</p> <p>c) the means by which the Holder will notify the EAO, Aboriginal Groups and parties identified in paragraph a) of the final route selection.</p> <p>Phase 2 of the FTLRP must include at least the following:</p> <p>d) a report on the results of the consultation in paragraph a), which must include at least the following:</p> <ul style="list-style-type: none"> <li>i) how the consultation influenced the selection of the final route;</li> <li>ii) identification of the final route selection, including mapping at the same scale(s) as in Schedule A of this Certificate;</li> <li>iii) the extent to which mitigation measures address the potential effects; and</li> <li>iv) any changes made to mitigation measures to address concerns identified through the consultation in paragraph a).</li> </ul> <p>e) the means by which the mitigation measures for the valued component Visual Resources and Non-Traditional Land Use in the in the Mitigations Table required under Condition 43 will be implemented with respect to the full route of the transmission line, including the final routing option selected;</p> <p>f) the means by which the Holder will avoid impacts to recreational sites or to the use of recreation sites. Where the Holder is of the view that avoidance is not possible, the Holder must provide a rationale for why that is the case, and describe the mitigation measures that will be taken to limit the effects on recreation sites or their use;</p> <p>g) the specific mitigation measures developed to address issues identified in paragraph d); and</p> <p>h) with respect to the Stellako River Wildlife Management Area (SRWMA):</p> <ul style="list-style-type: none"> <li>i) how the mitigation measures have taken into consideration BC EMP in identifying the effects to the SRWMA and the means to avoid, minimize, restore on site, and offset impacts to the SRWMA; and</li> <li>ii) how the Holder has addressed any comments received by the FLNRORD Regional Manager responsible for the SRWMA.</li> </ul> <p>The Holder must provide the draft Phase 1 plan that was developed in consultation with ENV, FLNRORD and Aboriginal Groups to the EAO, ENV, FLNRORD, and Aboriginal Groups a minimum of one year prior to the planned commencement of Construction of the transmission line, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The Holder must provide the draft Phase 2 plan that was developed in consultation with ENV, FLNRORD and Aboriginal Groups to the EAO, ENV, FLNRORD and Aboriginal Groups a minimum of 90 days prior to the planned commencement of Construction of the transmission line, or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p>

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	<p>The Holder must not commence Construction of the transmission line until Phase 2 of the plan has been approved by the EAO, unless otherwise authorized by the EAO.</p> <p>The plan (both phases) and any amendments thereto, must be implemented to the satisfaction of a Qualified Professional throughout Construction, Operations, and Closure, and to the satisfaction of the EAO.</p>
40.	<p><b>Health and Medical Services Plan</b></p> <p>The Holder must retain a Qualified Person with a minimum of five years' experience in the planning and delivery of health care services in remote communities, unless otherwise authorized by the EAO, to develop a Health and Medical Services Plan. The plan must be developed in consultation with NHA, Aboriginal Groups, the District of Vanderhoof and the Village of Fraser Lake.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) identification of how the guidance from "Health and Medical Services Plan Best Management Guide for Industrial Camps" (Northern Health Authority, March 2015, or as updated or replaced from time to time) has been incorporated into the Health and Medical Services Plan and a rationale for any guidance from this document not incorporated;</li> <li>b) how the Holder will monitor drinking water quality at the Construction and Operations camps, including frequency of the monitoring, and the mitigation measures that will be applied if the monitoring results indicate exceedances of current BC Drinking Water Quality Guidelines;</li> <li>c) a description of the following: <ul style="list-style-type: none"> <li>i) on-site health, and medical protocol and services to be implemented to meet the workforce's urgent and non-urgent health care needs;</li> <li>ii) disease and infection prevention and outbreak protocols; and</li> <li>iii) health promotion, and worker wellness program information (including but not limited to physical infrastructure, amenities and activities that are supportive of physical and mental health);</li> </ul> </li> <li>d) description of a process for communication, coordination, and collaboration with the NHA, BC Ambulance Service and local health service providers on matters including, but not limited to patient care/transfer, data collection and reporting;</li> <li>e) description of how the Holder will monitor and report on the effectiveness of the plan; and</li> <li>f) description of how this plan relates and informs the plan required by the CEMMP in Condition 37.</li> </ul> <p>The Holder must provide this draft plan that was developed in consultation with NHA, Aboriginal Groups, the District of Vanderhoof, and the Village of Fraser Lake to NHA, Aboriginal Groups, the District of Vanderhoof, and the Village of Fraser Lake and the EAO for review a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p>

No.	Condition
	<p>The plan, and any amendments thereto, must be implemented throughout Construction and Operations to the satisfaction of a Qualified Person and to the satisfaction of the EAO.</p>
41.	<p><b>Country Foods Monitoring Plan</b></p> <p>The Holder must retain one or more Qualified Professionals to develop a Country Foods Monitoring Plan. The plan must be developed in consultation with EMPR, ENV, NHA, and the Aboriginal Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) identification of all COPCs and related human health thresholds and triggers based on based on human health guidelines, as identified by a Qualified Professional;</li> <li>b) the means by which the Qualified Professional will work with the Aboriginal Groups to identify the specific country foods to be sampled through this plan;</li> <li>c) the means by which any sampling required by other plans required under this Certificate can also be used to inform the requirements of this plan;</li> <li>d) methods and locations for sampling COPCs, including quality assurance, quality control measures and sampling frequency. Unless addressed through sampling undertaken through other plans as identified in paragraph c), sampling methods must include at least the following: <ul style="list-style-type: none"> <li>i) detection limits that are sufficient to compare to human health thresholds and triggers outlined in paragraph a);</li> <li>ii) reference sites that are not impacted by the Project;</li> <li>iii) air quality sampling and monitoring including: <ul style="list-style-type: none"> <li>i. criteria air contaminants;</li> <li>ii. dustfall, as outlined in Condition 20;</li> <li>iii. meteorological parameters;</li> </ul> </li> <li>iv) soil sampling, including: <ul style="list-style-type: none"> <li>i. co-location of samples with vegetation tissue samples in paragraph d) v);</li> </ul> </li> <li>v) vegetation tissue sampling, including: <ul style="list-style-type: none"> <li>i. co-location of samples with soil in paragraph d) iv);</li> <li>ii. selection of plant species to be sampled in consultation with the Aboriginal Groups;</li> </ul> </li> <li>vi) fish tissue sampling, including: <ul style="list-style-type: none"> <li>i. co-location of samples with water samples in paragraph d) vii);</li> <li>ii. selection of fish species to be sampled in consultation with the Aboriginal Groups;</li> </ul> </li> <li>vii) water quality sampling, including: <ul style="list-style-type: none"> <li>i. parameters that can influence metal uptake;</li> <li>ii. co-location of samples with fish tissue in paragraph d) vi); and</li> </ul> </li> <li>viii) small mammal tissue sampling;</li> </ul> </li> <li>e) the means by which the Holder will, in consultation with Aboriginal Groups, incorporate specific measures to ensure that the sampling plan is culturally appropriate;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>f) the analysis that will be undertaken by the Qualified Professional to assess if the information from the sampling indicates potential effects to country foods as a result of the Project;</li> <li>g) how the results of other plans required by this Certificate and any provincial processes applicable to the Project, will inform and be informed by the Country Foods Monitoring Plan;</li> <li>h) process for a Qualified Professional to assess if sufficient sampling has been conducted and whether further long-term monitoring is required, and to what extent. The process must include consultation with EMPR, ENV, NHA, and the Aboriginal Groups;</li> <li>i) the means by which the Holder will communicate the results of the sampling to the EAO, EMPR, ENV, NHA, and the Aboriginal Groups. The process must include how the Holder will canvass and consider concerns about effects to country foods from Aboriginal Groups and set reporting frequency in consideration of those concerns. At a minimum, this must include the production and distribution of an annual report which includes: <ul style="list-style-type: none"> <li>i) all raw data;</li> <li>ii) interpretation of the collected data, including a discussion of whether the data indicates that any contaminants exceed or exceeded triggers or thresholds identified in paragraph a);</li> <li>iii) all additional mitigation or adaptive management measures undertaken by the Holder in response to information obtained through the implementation of the plan or proposed to be undertaken, including when the measures will be implemented, following submission of the report;</li> <li>iv) any proposed changes to the sampling program; and</li> <li>v) a summary written for a lay audience.</li> </ul> </li> </ul> <p>The Holder must provide the draft plan that was developed in consultation with EMPR, ENV, NHA and Aboriginal Groups to the EAO, EMPR, ENV, NHA, and Aboriginal Groups a minimum of 60 days prior to the planned commencement of Construction or as listed in the Document Submission Plan required by Condition 10 of this Certificate.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of the Qualified Professional throughout Construction, Operations, and Closure, and to the satisfaction of the EAO.</p>
42.	<p><b>Public Communications</b></p> <p>The Holder must establish a publicly available website dedicated to communicating information about the Project, including but not limited to the following:</p> <ul style="list-style-type: none"> <li>a) project status;</li> <li>b) current versions of all plans that are or were required to be provided to the EAO in this Certificate, as well as final versions of programs and/or other documents, including final versions of updates to programs and/or other documents, required to be produced by this Certificate;</li> <li>c) a notification system that would allow interested parties to sign-up to be made aware of new website content or updates to the materials listed in paragraph b);</li> </ul>



No.	Condition
	<p>d) a summary page that provides easy identification of and access to new content or updates of plans, programs or other documents noted in paragraph c);</p> <p>e) information on any public engagement activities related to the Project; and</p> <p>f) contact information for the Holder.</p> <p>The website must be established a minimum of 45 days prior to the planned commencement of Construction and must be kept up to date throughout Construction, Operations, Closure and Post-Closure and must be implemented to the satisfaction of the EAO.</p>
43.	<p><b>Mitigations Table Update</b></p> <p>The Holder must develop a Mitigations Table that captures all mitigation measures identified in the document Blackwater Gold Project: Summary of Proposed Mitigation Measures (November 6, 2018) (November Table) and the document Blackwater Gold Project: Master Mitigation Table September 28, 2018 (September Table) that will be incorporated into plans developed as a requirement of this Certificate with respect to the following valued components: Air Quality; Noise and Vibration; Caribou; Amphibians; Bats; Forest and Grassland Birds; Furbearers; Grizzly Bear; Invertebrates; Moose; Waterbirds; Wetlands; Visual Resources; Non-traditional Land and Resource Use; Ecosystem Composition and Plant species and ecosystems at risk. The mitigations to be considered for inclusion in the Mitigations Table include those listed under the column "Mitigation Measure" in the November Table, and those listed under the columns "Mitigation Measure", "Additional Information" and "Commitments made during Application/EIS Review" in the September Table.</p> <p>The Holder must also develop a report that identifies all mitigation measures in the November Table and September Table that are not included in the Mitigations Table and a clear rationale for why those mitigations are not included.</p> <p>The Mitigations Table and report must be developed in consultation with the EAO, Aboriginal Groups, FLNRORD and ENV.</p> <p>The Holder must provide the draft Mitigations Table and report developed in consultation with the EAO, Aboriginal Groups, FLNRORD and ENV to the EAO, Aboriginal Groups, ENV and FLNRORD no later than 180 days after the issuance of this Certificate, or as otherwise authorized by the EAO.</p> <p>The Holder must not commence Construction until the Mitigations Table and the report have been approved by the EAO, unless otherwise authorized by the EAO.</p>

**Appendix 1: Carrier Sekani First Nations' Classification of Waterbodies Under Their YDWL**

<b>Class I</b>	<b>Class II</b>	<b>Class III</b>
<b>Waterbodies Potentially Affected by Mine Discharge</b>		
Tatelkuz Lake Nechako Reservoir (Natalkuz Lake and Knewstubb Lake)	Chedakuz Creek	Davidson Creek
<b>Waterbodies Potentially Affected by the Transmission Line</b>		
Nechako River Stellako River Fraser Lake Big Bend Creek Cabin Creek Cut-off Creek Fifteen Creek Robertson Creek Smith Creek Targe Creek.	Chedakuz Creek	Davidson Creek