

**COASTAL GASLINK PIPELINE PROJECT
(PROJECT)**

SCHEDULE B

**TABLE OF CONDITIONS
FOR
AN ENVIRONMENTAL ASSESSMENT CERTIFICATE**

DEFINITIONS

Aboriginal Groups	Blueberry River First Nations, Ts'il Kaz Koh First Nation (Burns Lake Band), Dark House, Doig River First Nation, Haisla Nation, Kitselas First Nation, Lheidli-T'enneh First Nation, McLeod Lake Indian Band, Nadleh Whut'en First Nation, Nak'azdli Band, Nee-Tahi-Buhn Band, Office of the Hereditary Chiefs of the Wet'suwet'en, Saik'uz First Nation, Saulteau First Nations, Skin Tyee Nation, Stelat'en First Nation, West Moberly First Nations, Wet'suwet'en First Nation, Yekooche First Nation.
Application	Application for Environmental Assessment Certificate submitted by Coastal GasLink Pipeline Ltd. March 2014
Certified Pipeline Corridor	Defined in the Certified Project Description Schedule A of Environmental Assessment Certificate EAC 2014 - E14-03
Construction	All activities associated with the Construction of the Project including; any physical alteration to the Certified Pipeline Corridor by the Holder for the purposes of site preparation and activities that modify the land, vegetation, or natural environment; including ground disturbance related to the building of all Project components.
"in consultation with"	A consultation process pursuant to which: <ul style="list-style-type: none">• the Holder must consult with the Relevant Regulatory Authorities (RRA) referred to in the relevant Condition on content of the plan, program or strategy contemplated therein;• the Environmental Assessment Office (EAO) may seek input from such RRA on whether the content of the plan, program or strategy satisfies the requirements of the relevant Condition, and EAO may seek a recommendation from the RRA on whether to accept the plan; and• if the RRA indicates to EAO that such plan, program or strategy does not satisfy the requirements of the relevant condition:<ol style="list-style-type: none">(i) the EAO may provide the Holder and the RRA with the opportunity to make submissions to the EAO on this issue; and(ii) EAO may, in its sole discretion, determine whether such plan, program or strategy satisfies the requirements of the relevant condition and may require the Holder to revise such plan, program or strategy and carry out further consultation, in either case on the terms and conditions specified by EAO.

Old Growth Area	Old growth forest or old forest designated under provincial legislation, including an Old Growth Management Area and spatially defined areas of old growth forest that have been identified during landscape unit planning or an operational planning process.
Operation(s)	All activities associated with the Operation of the Project including; operations, replacing, repairing, altering, maintaining or removing works related to the Operation of the Project, once constructed.
Relevant Regulatory Authority	Provincial, Federal and/or Local government agencies with a regulatory mandate or interest relevant to the subject matter of the condition.
Qualified Professional	Defined as an applied scientist or technologist specializing in an applied science or technology applicable to the duty or function, including, if applicable and without limiting this, agrology, biology, chemistry, forestry, engineering, geology or hydrogeology, relevant to the field of practice set out in the Condition; and who is registered with the appropriate professional organization, is acting under that organization's code of ethics and is subject to disciplinary action by that organization.

ACRONYMS

AIR	Application Information Requirements
BC	British Columbia
CAS	Climate Action Secretariat
CGL	Coastal GasLink Pipeline Ltd.
CMMP	Caribou Mitigation and Monitoring Plan
CSCD	Ministry of Community, Sport and Cultural Development
DFO	Fisheries and Oceans Canada
EA	Environmental Assessment
EAC	Environmental Assessment Certificate
EAO	Environmental Assessment Office
EC	Environment Canada
EMP	Environmental Management Plan (includes component plans)
FLNR	Ministry of Forests, Lands and Natural Resource Operations
GBMMP	Grizzly Bear Mitigation and Monitoring Plan
GHG	Greenhouse Gas
KP	Kilometre Posts
MNGD	Ministry of Natural Gas Development
MOE	Ministry of Environment
MOTI	Ministry of Transportation and Infrastructure
OGAA	BC <i>Oil and Gas Activities Act</i>
OGC	BC Oil and Gas Commission
ROW	Right of Way
RRA	Relevant Regulatory Authority
SEEMP	Social and Economic Effects Management Plan
TDR	Technical Data Report
TEK	Traditional Ecological Knowledge
TUS	Traditional Use Study
UTM	Universal Transverse Mercator
UWR	Ungulate Winter Range
WHA	Wildlife Habitat Areas

No.	Condition
General	
1	<p>For the Morice River Technical Boundary Area between UTM Zone 9U East 611335 North 6003957 and UTM Zone 9U East 577769 North 6000758 (Area), the Holder must provide EAO with:</p> <ul style="list-style-type: none"> • TDRs based on field data collected in a manner consistent with the methodology captured in the AIR for EAO's information; and • a report that either verifies that the effects assessment conclusions reached in the Application are consistent with the information in the TDRs, or updates those effects assessment conclusions based on the new information contained in the TDRs, including any additional mitigation relevant to the Area. <p>The Holder must share the TDRs and the report with RRA's and Aboriginal Groups that assert territory within the Area.</p> <p>In order to allow for 60 days review and comment, the Holder must provide the report to EAO no less than 90 days prior to the Holder's planned date to commence Construction in the Area. The Holder must not start Construction in the Area until the report has been approved by EAO. The Holder must implement the mitigation described in the approved report unless otherwise authorized by the RRA.</p>
2	<p>The Holder must provide EAO with a table of concordance showing updated KP locations including the revised longitude and latitude, and a corresponding map (i) 30 days prior to the Holder's planned date to commence Construction; and (ii) 60 days after Operations commence.</p>
Atmospheric Environment - Greenhouse Gas Emissions	
3	<p>The Holder must develop and implement a Greenhouse Gas Emissions Management Plan in consultation with MNGD and CAS, that:</p> <ul style="list-style-type: none"> • demonstrates adherence to mitigation proposed in the Application Section 6.7.2, Table 6-24 and the Greenhouse Gas Emissions Technical Memo provided by CGL, to EAO, dated May 13, 2014;

No.	Condition
	<ul style="list-style-type: none"> • demonstrates that mitigation proposed in the Plan is consistent with MNGD's Guidance <i>Best Available Techniques Economically Achievable</i> and does not inadvertently increase the effect on air contaminant emissions predicted in the Application; and • identifies the specific GHG emissions reporting requirements the Holder must complete in order to meet applicable regulatory requirements. <p>In order to allow for 30 days review and comment, the Holder must provide the Plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction. Once the Plan is complete, the Holder must provide the Plan to OGC.</p>
Fish and Water Quality	
4	<p>The Holder must develop and implement a Water Quality Monitoring Plan, in consultation with OGC, to address onsite water quality monitoring associated with the Construction phase of the Project where works are planned for in-stream works within the Riparian Reserve Zone of an S1, S2, S3, or within 20m of an S4 stream, as identified by the OGAA, unless otherwise authorized by OGC or DFO.</p> <p>The Water Quality Monitoring Plan must be consistent with the following as they apply to aquatic life:</p> <ul style="list-style-type: none"> • the <i>BC Ambient Water Quality Guidelines (Criteria) for Turbidity, Suspended and Benthic Sediments</i>; • the <i>BC Ambient Water Quality Criteria for pH</i> or, if applicable; • the <i>BC Water Quality Objectives</i> established by MOE as of the date of this EAC with respect to turbidity, total suspended solids, benthic sediments, and pH. <p>A Qualified Professional must develop and supervise the implementation of the Water Quality Monitoring Plan.</p> <p>The Plan must include monitoring at upstream locations and downstream of the location of disturbance to develop baseline information.</p> <p>The Plan must include measures to identify and report to OGC any exceedances of the above Water Quality Guidelines or Objectives.</p>

No.	Condition
	<p>For exceedances of the above Water Quality Guidelines or Objectives that are caused by, or contributed to by Construction activities, the Holder must undertake measures to remedy the factors producing the exceedance, in consultation with OGC.</p> <p>In order to allow for 30 days review and comment, the Holder must provide the Plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction. Once the Plan is complete, the Plan must be submitted to OGC.</p> <p>The Holder must maintain records of the data collected during the implementation of Water Quality Monitoring Plan throughout the Construction phase of the Project and provide those records to OGC and EAO upon request.</p>
5	<p>The Holder must develop and implement an Acid Rock Construction Response Plan, in consultation with OGC, in accordance with the Application Section 5 and the Acid Rock Drainage/Potential for Acid Generating Materials Technical Memo, dated May 13 2014.</p> <p>The Holder must provide the Plan to EAO and OGC no less than 60 days prior to the Holder's planned date to commence Construction.</p>
Wetland Function	
6	<p>The Holder must develop and implement a Wetlands Management Plan in consultation with EC, FLNR and OGC. The Wetlands Management Plan must meet the objective of no net loss in wetland function, in a manner consistent with the <i>Federal Policy on Wetland Conservation</i>. In addition, the Plan must contain:</p> <ul style="list-style-type: none"> • description of surveys for wetlands that must be undertaken prior to Construction to collect site-specific information on wetland location, type, area, and function; • five years of post-Construction wetland monitoring to confirm whether residual loss of wetland area and function occurs as a result of Project Construction and Operations; and • mitigation and compensation measures to address any loss of wetland area and function, and a description of the manner and extent to which the measures are consistent with <i>Federal Policy on Wetland Conservation</i>.

No.	Condition
	<p>If, following five years of post-Construction monitoring, loss of wetland area and function is confirmed, the Holder must compensate for the loss in accordance with the <i>Federal Policy on Wetland Conservation</i>.</p> <p>In order to allow for 30 days review and comment, the Holder must provide the Plan to EAO no less than 60 days prior to the Holder's planned date to commence Construction. Once the Plan is complete, the Holder must also provide the Plan to EC, FLNR and OGC.</p>
Wildlife and Wildlife Habitat	
7	<p>The Holder must develop and implement a Grizzly Bear Mitigation and Monitoring Plan (GBMMP) in consultation with FLNR and OGC.</p> <p>A Qualified Professional must develop and supervise the implementation of the GBMMP. The GBMMP must be consistent with BC's <i>Policy for Mitigating Impacts on Environmental Values</i>.</p> <p>The objectives of the GBMMP are to:</p> <ul style="list-style-type: none"> • avoid sensory disturbance to grizzly bear as a result of the Project; and • avoid incremental mortality risk of grizzly bear as a result of the Project. <p>The GBMMP must describe the Holder's:</p> <ul style="list-style-type: none"> • strategies for achieving the objectives described above during Construction and Operation of the Project, including, but not limited to, measures set out in Section 10 of the Application and the Holder's Access Control Management Plan and Human-Wildlife Conflict Plan; • plan to monitor and assess: <ul style="list-style-type: none"> ○ the effectiveness of such strategies; and ○ whether the objectives are being achieved; • adaptive management plan to respond to monitoring and assessment by the Holder and the Grizzly Bear Program described in Condition 8; • plan to report on the implementation of the GBMMP; and • plan to consult affected Aboriginal Groups, OGC, and FLNR throughout the development and implementation of the GBMMP.

No.	Condition
	<p>In order to allow for 60 days review and comment, the Holder must provide the GBMMP to EAO no less than 90 days prior to the Holder's planned date to commence Construction. The Holder must not start Construction until the Plan has been approved by EAO, unless otherwise authorized by EAO.</p> <p>Once approved the Holder must provide the GBMMP to FLNR and OGC.</p> <p>Any amendments to the GBMMP as a result of the adaptive management approach must be developed in consultation with FLNR and approved by EAO.</p> <p>Once approved, the Holder must provide the GBMMP to FLNR and OGC.</p> <p>Any amendments to the GBMMP as a result of the adaptive management approach must be developed in consultation with FLNR, and approved by EAO.</p>
8	<p>Prior to the commencement of Construction, the Holder must enter into an agreement with FLNR (Grizzly Bear Agreement) that will set out the terms of the Holder's participation in a program of activities (Grizzly Bear Program) that supports the conservation and management of regional grizzly bear populations, inclusive of those populations potentially affected by the Project. The Holder must abide by the terms of the Grizzly Bear Agreement.</p> <p>The Grizzly Bear Program may include any of the following:</p> <ul style="list-style-type: none"> • regional and localized assessments of the size and structure of grizzly bear populations; • monitoring of grizzly bear movement and habitat use; and • administration of such activities. <p>The Grizzly Bear Agreement may require the Holder to contribute amounts of up to \$500,000 toward the cost of implementing the Grizzly Bear Program.</p> <p>The Grizzly Bear Agreement may require the Holder to review, prepare, comment on, or otherwise participate in the preparation and presentation of draft plans, final plans, and reports regarding the Grizzly Bear Program</p> <p>.</p>

No.	Condition
9	<p>The Holder must develop and implement a Human-Wildlife Conflict Management Plan in consultation with FLNR, EC and OGC to meet the objective of avoidance of direct wildlife mortalities as a result of Construction or Operations of the Project.</p> <p>In order to allow for 60 days review and comment, the Holder must provide the Plan to EAO no less than 90 days prior to the Holder's planned date to commence Construction. Once the Plan is complete, the Plan must be provided to FLNR, EC and OGC.</p>
10	<p>The Holder must develop and implement a Caribou Mitigation and Monitoring Plan (CMMP) in consultation with FLNR, EC and OGC for the areas identified by FLNR as the Hart and Telkwa caribou ranges (Caribou Ranges).</p> <p>A Qualified Professional must develop and supervise the implementation of the CMMP. The CMMP must address the following objectives (CMMP Objectives) respecting the Construction and Operation of the Project:</p> <ul style="list-style-type: none"> • avoidance of displacement and sensory disturbance of caribou in the Caribou Ranges; • no net loss of caribou habitat in the Caribou Ranges; and • avoidance of increased predation of caribou in the Caribou Ranges. <p>The CMMP must be consistent with BC's <i>Policy for Mitigating Impacts on Environmental Values</i>.</p> <p>The CMMP must describe the Holder's:</p> <ul style="list-style-type: none"> • strategies for achieving the CMMP Objectives, including, but not limited to: <ul style="list-style-type: none"> ○ mitigation to avoid, minimize, or complete restoration in response to the adverse effects of the Project and the Project's contribution to cumulative adverse effects on caribou and high quality caribou habitat (primary mitigation); and ○ mitigation to offset residual adverse effects if the primary mitigation is not expected to achieve the objectives within five years (offset mitigation); • plan to monitor and assess: <ul style="list-style-type: none"> ○ the effectiveness of primary and offset mitigation; and ○ whether the objectives are being achieved; • adaptive management approach to respond to monitoring and assessment results;

No.	Condition
	<ul style="list-style-type: none"> • plan to report on the implementation of the CMMP; and • plan to engage with Aboriginal Groups with traditional territories affected by the Project that overlap Caribou Ranges, as well as EC, OGC, and FLNR, throughout the implementation of the CMMP. <p>The Holder must:</p> <ul style="list-style-type: none"> • provide a reasonable opportunity to Aboriginal Groups that have traditional territories affected by the Project, that overlap Caribou Ranges, as well as EC, OGC and FLNR to review and provide input regarding the content of the CMMP; and • prepare a report to accompany the submission of the CMMP describing how input received from Aboriginal Groups that have traditional territories affected by the Project that overlap Caribou Ranges, EC, OGC and FLNR was addressed in the CMMP. <p>In order to allow for 60 days review and comment, the Holder must provide the CMMP to EAO no less than 90 days prior to the Holder's planned date to commence Construction. The Holder must not start Construction in the Caribou Ranges until the Plan has been approved by EAO, unless otherwise authorized by EAO.</p> <p>Once approved the Holder must provide the CMMP to FLNR, EC and OGC.</p> <p>Any amendments to the CMMP as a result of the adaptive management approach must be developed in consultation with FLNR, and approved by EAO.</p>
11	<p>Prior to the commencement of Construction, the Holder must enter into an agreement with FLNR (Caribou Agreement) that will set out the terms of the Holder's participation in a program of activities (Caribou Program) that supports the recovery, conservation and management of caribou in the Caribou Ranges. The Holder must abide by the terms of the Caribou Agreement.</p> <p>The Caribou Program may include any of the following:</p> <ul style="list-style-type: none"> • monitoring of Caribou Ranges and predators of the Caribou Herds;

No.	Condition
	<ul style="list-style-type: none"> • the development and implementation of population, habitat and access management measures that support the conservation and recovery of caribou in the Caribou Ranges and are additional to the measures to be implemented by the Holder under Condition 10; and • administration of such activities. <p>The Caribou Agreement may require the Holder to contribute amounts of up to \$1,500,000 be paid in one or more of the following manners:</p> <ul style="list-style-type: none"> (i) in trust for purposes consistent with the Caribou Program; (ii) as periodic contributions to costs incurred or to be incurred in developing and implementing the Caribou Program, or (iii) in trust for the benefit of the Holder, as security to cover the costs referred to in (ii). <p>The Caribou Agreement may require the Holder to review, prepare, comment on, or otherwise participate in the preparation and presentation of draft plans, final plans, and reports regarding the Caribou Program.</p>
12	<p>The Holder must only conduct low elevation helicopter and fixed wing flights over UWR and WHA within the Certified Pipeline Corridor (i) in accordance with the critical timing windows and recommended minimum separation distances specified in the General Wildlife Measures for those areas, or (ii) as recommended by FLNR, where critical timing windows or separation distances are not specified in the General Wildlife Measures for the UWR or WHA, unless exceptions to (i) or (ii) are otherwise authorized by EAO.</p> <p>This condition does not limit the Holder's actions in emergency circumstances.</p>
13	<p>The Holder must develop and implement mitigation, including monitoring provisions that are consistent with EC's <i>Recovery Strategy for Marbled Murrelet in Canada</i> for those portions of the Certified Pipeline Corridor that overlap with Marbled Murrelet Critical Habitat.</p> <p>The Holder must develop such mitigation and monitoring provisions in consultation with EC, FLNR and OGC. The objective of such mitigation must be to avoid or minimize impacts of any Project-related incursions into Marbled Murrelet Critical Habitat.</p>

No.	Condition
	<p>In order to allow 60 days review and comment, the Holder must provide the mitigation to EAO no less than 90 days prior to the Holder's planned date to commence Construction.</p>
14	<p>The Holder must develop and implement a Wildlife and Wildlife Habitat Management Plan.</p> <p>The purpose of the Plan is to capture all relevant wildlife mitigation, as set out in Appendix 2A of the Application, as well as the Access Management, Caribou, Mountain Goat, Grizzly Bear, and Environmental Management Planning Technical Memos provided by CGL, to EAO, dated May 13, 2014, in one document.</p> <p>The Plan must be developed in consultation with FLNR and OGC and must:</p> <ul style="list-style-type: none"> • provide specific information on how and when the mitigation will be implemented throughout the life of the Project; • include site assessment surveys for all habitat features of Schedule 1 <i>Species at Risk Act</i> listed species within the Certified Pipeline Corridor and propose mitigation to mitigate adverse effects; • provide information on the specific mitigation that will be implemented for habitat features that could be encountered within the Certified Pipeline Corridor; • provide a monitoring program to assess the effectiveness of the mitigation for moose populations in the Certified Pipeline Corridor during Construction and Operation phases of the Project; and • describe the Holder's plan for reporting each year, as part of the five year post-Construction monitoring on the Plan to FLNR and OGC with a copy to EAO. <p>In order to allow 60 day review and comment period, the Holder must provide the Plan to EAO no later than 90 days prior to the Holder's planned date to commence Construction. Once the Plan is complete, the Holder must also provide the Plan to OGC.</p>
15	<p>The Holder must develop and implement an Access Control Management Plan to meet the objectives stated in the Application Appendix 2-A, Appendix D.3:</p> <ul style="list-style-type: none"> • control public access along the pipeline ROW, especially where new access is created or existing access is improved;

No.	Condition
	<ul style="list-style-type: none"> • reduce line-of-sight and ease of access along the ROW for natural predators (e.g., wolves), as well as hunters and anglers; • reduce disturbance to high quality, sensitive wildlife habitat; <p>and the following additional objectives:</p> <ul style="list-style-type: none"> • avoid prohibiting access for Aboriginal Groups to harvest medicinal and food source plants, or to carry out other traditional use activities identified in TUS provided to the Holder prior to Construction; and • avoid prohibiting access for Aboriginal Groups and non-aboriginal trap line holders. <p>The Access Control Management Plan must include:</p> <ol style="list-style-type: none"> (i) information (written and mapped), including a rationale to demonstrate that new access proposals are limited to the extent practicable, and that defines what types of access will be required, including new permanent access roads, temporary access roads and existing access road upgrades for Construction; (ii) information about the types of access control management measures implemented during Construction; and (iii) information about the types of access control management measures proposed for access identified in (i) during Operations. <p>The Access Control Management Plan must be developed in consultation with OGC, FLNR and MOTI. In order to allow for a 60 day review and comment period the plan must be submitted to EAO at least 90 days prior to the Holder's planned date to commence Construction.</p>
Vegetation	
16	<p>The Holder must use alternative methods of vegetation control, as specified in the Holder's Invasive Plant Management Plan, in the asserted territories of Aboriginal Groups that have requested that pesticides or herbicides not be used, and tracked in the <i>Working Group Issue-Response Tracking Table (including First Nations) for the Coastal GasLink Pipeline Project</i>, provided those alternative methods are consistent with the <i>Integrated Pest Management Act</i>.</p>

No.	Condition
17	<p>The Holder must, prior to Construction, for any red- and blue-listed plants and ecological communities identified by the BC Conservation Data Centre, conduct site habitat assessment surveys for all locations within the Certified Pipeline Corridor, and propose mitigation to address adverse effects to those plants and ecological communities. The Holder must consult with EC, FLNR and OGC in the development of surveys and mitigation.</p> <p>The Holder must include the survey results and mitigation in relevant permit applications where available at the time of application or as soon as practicable thereafter.</p>
18	<p>Where the Project footprint intersects with whitebark pine, the Holder must:</p> <ul style="list-style-type: none"> (i) describe the implementation plan for the mitigation set out in the Application Section 8, Table 8-1 and Table 8-7; (ii) provide a whitebark pine density analysis and identify additional site specific mitigation that will be carried out by the Holder, such as cone collection, propagation and planting; and (iii) consult with EC and FLNR on (i) and (ii), and provide copies to OGC prior to the Holder's planned date to commence Construction. <p>The Holder must implement additional site specific mitigation as set out above.</p>
Social Effects	
19	<p>The Holder must develop and implement a Visual Quality Management Plan, in consultation with FLNR and OGC that takes into consideration FLNR's <i>Visual Landscape Design Training Manual (1994)</i>. The Plan must address where the Certified Pipeline Corridor intersects with Visual Quality Objectives, and provide a rationale to demonstrate efforts to support the maintenance of the existing Visual Quality Objectives.</p> <p>In order to allow for 30 days review and comment, the Holder must provide the Plan to EAO no less than 60 days prior to Construction. Once the Plan is complete, the Holder must also provide the Plan to FLNR and OGC prior to Construction.</p>

No.	Condition
20	<p>The Holder must, to the extent practicable, avoid incursions into Old Growth Areas. Where it is not practicable to avoid an incursion into an Old Growth Area, the Holder must:</p> <ul style="list-style-type: none"> • adhere to any orders under provincial legislation which apply to the Old Growth Area; • prepare a report in consultation with FLNR, identifying all such incursions, and submit the report to FLNR; and • where the area of the incursion exceeds a threshold set out in an applicable order or FLNR policy or process, prepare a proposal for replacement or recruitment of that area, consistent with the applicable order, policy or process for such replacements. <p>A Proposal for replacement or recruitment must:</p> <ul style="list-style-type: none"> • be prepared by a Qualified Professional in consultation with FLNR; • describe the Holder's efforts to consult with timber tenure holders affected by the replacement; and • be submitted to FLNR for review and comment no later than 90 days before the Holder's planned date to commence Construction in Old Growth Areas. <p>The Holder must provide replacement or recruitment proposal(s) to EAO no less than 60 days before the Holder's planned date to commence Construction. The Holder must not start construction in affected old growth areas until the proposal(s) have been approved by EAO, unless otherwise authorized by EAO.</p>
21	<p>The Holder must, in consultation with FLNR and OGC, develop and implement a Timber Salvage Strategy that takes into account OGC's <i>'Fibre Utilization Plan Guideline'</i>.</p> <p>The strategy must include, and is not limited to:</p> <ul style="list-style-type: none"> • timber volume estimates (m³) for the Certified Pipeline Corridor; • marketing commitments and plans for the timber cleared; • salvage activities for the timber volume that will not be marketed; • a reconciliation report including a scaled volume comparison to the timber volume estimate to FLNR and EAO on at least an annual basis until harvest activities are complete. <p>The Holder must obtain advice from a Qualified Professional regarding steps that must be implemented in respect of timber management and hauling practices and times to mitigate risk of forest pest spread.</p>

No.	Condition
22	<p>The Holder must commence consultation with entities holding timber tenure on the date of this EAC, and that are affected by the Certified Pipeline Corridor, including BC Timber Sales, at least six months prior to the Holder's planned date to commence Construction in respect of the following plans:</p> <ul style="list-style-type: none"> • Access Control Management Plan; • Timber Salvage Strategy; and • Traffic Control Management Plan. <p>The Holder must make reasonable effort to identify and provide notice to other timber tenure holders who acquire interest after the date of this EAC and before Construction commences.</p> <p>The Holder must provide a report to EAO on such consultation at least 30 days prior to the Holder's planned date to commence Construction.</p>
23	<p>The Holder must, at least six months prior to carrying out activities that may affect tenured rights, notify all known tenure holders who hold tenures on the date of this EAC and may be affected by Construction activities.</p> <p>The Holder must make reasonable efforts to identify and provide notice to other tenure holders who acquire interests after the date of this EAC and before Construction commences.</p> <p>The Holder must keep records of notification efforts and make them available to EAO or OGC upon request.</p>
24	<p>The Holder must develop and implement a Social and Economic Effects Management Plan (SEEMP). The Holder must develop the SEEMP in consultation with CSCD, and in consideration of the framework attached as Appendix B.</p> <p>The SEEMP must include specific actions to address the following:</p> <ul style="list-style-type: none"> • implementation of mitigation set out in the Application (Section 12, Table 12-8 and Table 12-9 and Section 15, Table 15-17 and 15-21); • effective consultation planning and implementation with affected Aboriginal Groups, local governments and service delivery agencies regarding effects related to community level

No.	Condition
	<p>infrastructure and services including water, waste (solid and liquid), health and social services;</p> <ul style="list-style-type: none"> • approach to designing and communicating programs related to employment and contracting opportunities, skills training and education; • monitoring and reporting on the effectiveness of the mitigation set out in the Application and in the SEEMP; and • if necessary, description of an adaptive management approach, including the implementation of alternative mitigation, to address unpredicted effects directly related to the Project. <p>The Holder is required to implement the SEEMP in consultation with CSCD upon the commencement of Construction activities until one year after Project Operations commence or as otherwise directed by EAO.</p> <p>In order to allow for CSCD to review, comment and make a recommendation to EAO on whether to approve the plan, the Holder must provide the SEEMP to CSCD no less than 90 days prior to the Holder's planned date to commence Construction. The Holder must not commence Construction until the SEEMP has been approved by EAO.</p> <p>Any amendments to the SEEMP as a result of the adaptive management approach must be developed in consultation with CSCD and approved by EAO prior to implementation, unless otherwise authorized by EAO.</p>
25	<p>The Holder must develop and implement a No-Hunting, No-Trapping, No-Fishing and No-Plant Gathering Policy for the Holder's employees and contractors during work hours.</p> <p>The Holder shall develop, implement and enforce a policy restricting employees from possessing or storing firearms, bows and crossbows in construction camps or in work vehicles, unless on the request of the Holder, EAO in consultation with MOE, determines that a designated wildlife monitor may carry a firearm for animal control safety purposes.</p>

No.	Condition
Environmental Management	
26	<p>The Holder must develop and implement an Environmental Management Plan (EMP) in accordance with Section 25 and Appendix 2A of the Application.</p> <p>The Holder must develop the EMP in consultation with the Relevant Regulatory Authorities and Aboriginal Groups for the approval of EAO per Appendix A to this EAC.</p> <p>The Holder must not commence Construction until the EMP has been approved. The EMP approved must be submitted to OGC prior to the Holder's planned date to commence Construction.</p> <p>The Holder must carry out a Post-Construction Monitoring Program to monitor and report on the effectiveness of the mitigation set out in the EMP.</p>
27	<p>The Holder must retain environmental inspectors as described in Section 25.2 of the Application. The Holder must provide each such environmental inspector with the authority to require the Holder and its contractors to cease Construction activities immediately if such environmental inspector believes that such Construction activities are causing adverse impacts to environmental, heritage and health valued components that were not predicted in the Application, or are not avoided, mitigated, or compensated for as identified in the Application and the EMP.</p>
Aboriginal Groups	
28	<p>The Holder must, at the request of one or more Aboriginal Groups:</p> <ul style="list-style-type: none"> (i) provide a schedule of Construction activities; (ii) provide notification, a minimum of 30 days in advance, of Operations activities causing disturbance to land, vegetation or watercourses; and (iii) prior to providing (i) and (ii), the Holder must seek input from the Aboriginal Group(s) about the format of the information. <p>In addition, the Holder must, at the request of one or more Aboriginal Groups:</p> <ul style="list-style-type: none"> • provide any plans for offsets on aquatic, riparian, or in-stream values required by any RRA, for information sharing purposes prior to submission to the RRA; and

No.	Condition
	<ul style="list-style-type: none"> • discuss the development of the EMP set out in Condition 26, as well as any plans set out in this Table of Conditions, and other relevant plans developed to meet regulatory requirements. <p>If Aboriginal Groups provide TUS or TEK to the Holder after the date of this EAC, the Holder must consider the TUS and or TEK in authorization applications related to the Construction or Operation of the Project.</p>
29	<p>When requested by Aboriginal Groups, the Holder must provide Cultural Awareness Training to Project personnel. The Holder must make efforts to engage with those Aboriginal Groups prior to providing Cultural Awareness Training to determine the scope and content of the training.</p>
30	<p>The Holder must implement a construction monitoring program for Aboriginal Groups that provides opportunities for individuals of Aboriginal Groups to monitor Construction activities.</p> <p>The Holder must provide opportunities for the individuals of Aboriginal Groups to participate in the program at least 90 days prior to the Holder's planned date to commence Construction in the Aboriginal Groups' respective traditional territories.</p>
31	<p>The Holder must provide an Aboriginal Consultation report, based on the approved EAO Aboriginal Consultation Plan:</p> <ul style="list-style-type: none"> (i) two years after Construction commences; and (ii) one year after Operations commence. <p>The reports above must be provided to Aboriginal Groups, EAO and OGC.</p>
32	<p>Saulteau First Nations, West Moberly First Nation, McLeod Lake Indian Band and Doig River First Nation are conducting a Technical Review of the Project.</p> <p>If the results of the Technical Review are shared with the Holder, the Holder must provide the Technical Review to the RRA's, including EAO within 14 days.</p>

No.	Condition
	In addition, the Holder must demonstrate reasonable efforts to EAO to engage Saulteau First Nations, West Moberly First Nation, McLeod Lake Indian Band, and Doig River First Nation on the results of the Technical Review.

APPENDIX A

PLANS	REFERENCE	RELEVANT REGULATORY AUTHORITY
Environmental Management Plan:	Appendix 2-A of the Application	OGC/FLNRO
Adverse Weather Contingency Plan	Appendix C.1 of the EMP [Appendix 2-A of Application]	OGC
Directional Drilling Procedures and Instream Drilling Mud Release Contingency Plan	Appendix C.8 of the EMP [Appendix 2-A of Application]	OGC/FLNRO/DFO
Ecological Community and Species of Concern Contingency Plan	Appendix C.9 of the EMP [Appendix 2-A of Application]	OGC/FLNRO/EC
Fire Suppression Contingency Plan	Appendix C.5 of the EMP [Appendix 2-A of Application]	OGC/FLNRO
Flood and Excessive Flow Contingency Plan	Appendix C.3 of the EMP [Appendix 2-A of Application]	OGC/DFO
Heritage Resource Discovery Contingency Plan	Appendix C.11 of the EMP [Appendix 2-A of Application]	OGC/BC Archaeology Branch
Soil Handling Contingency Plan	Appendix C.6 of the EMP [Appendix 2-A of Application]	OGC/ALC
Soil Erosion Contingency Plan	Appendix C.7 of the EMP [Appendix 2-A of Application]	OGC/DFO
Spill Contingency Plan	Appendix C.2 of the EMP [Appendix 2-A of Application]	OGC
Traditional Land Use Sites Discovery Contingency Plan	Appendix C.12 of the EMP [Appendix 2-A of Application]	OGC/BC Archaeology Branch
Wet Soils Contingency Plan	Appendix C.4 of the EMP [Appendix 2-A of Application]	OGC/ALC
Wildlife Species of Concern Discovery Contingency Plan	Appendix C.10 of the EMP [Appendix 2-A of Application]	OGC/FLNRO/EC
Access Control Management Plan	Appendix D.3 of the EMP [Appendix 2-A of Application]	OGC/EC/FLNRO

PLANS	REFERENCE	RELEVANT REGULATORY AUTHORITY
Chemical and Waste Management Plan	Appendix D.1 of the EMP [Appendix 2-A of Application]	OGC/WorkSafe BC
Contaminated Soil Management Plan	Appendix D.5 of the EMP [Appendix 2-A of Application]	OGC
Hydrovac Cutting Handling Management Plan	Appendix D.4 of the EMP [Appendix 2-A of Application]	OGC
Traffic Control Management Plan	Appendix D.2 of the EMP [Appendix 2-A of Application]	OGC/RCMP

APPENDIX B (SEEMP FRAMEWORK)

SOCIO-ECONOMIC EFFECTS MANAGEMENT PLAN (SEEMP) DEVELOPMENT, APPROVAL AND IMPLEMENTATION FRAMEWORK

1. Introduction and Context

In the context of LNG projects, local governments and Aboriginal Groups have raised concerns in the Environmental Assessment (EA) process regarding the provision of services and infrastructure (e.g. emergency, crime prevention, social, recreational, utilities, health care, etc.).

While Applications for Environmental Assessment Certificates have commitments to a number of mitigation measures intended to address those concerns, Environmental Assessment Office (EAO) has concluded that some uncertainty remains about the effectiveness of those mitigations for some projects. Of particular interest are socio-economic effects, with a focus on infrastructure and services in British Columbia's communities (municipalities and regional districts) affected by LNG development during construction time frames. Additionally, it is understood that some project information may need to be updated during the project lifecycle, including the timing, location and size of temporary workforces and the inter-relationship between other activities in the area.

Certificate Holders are best positioned to provide project information (such as timing, location and magnitude of activities) analyse project-specific effects and develop mitigation measures for their own implementation. Provincial and local governments and other service providers are likewise best positioned to consider effects on their respective infrastructure and services. The best approach to manage for these complex interrelationships will be based on shared expertise and input from these partners. To achieve this, the Ministry of Community, Sport and Cultural Development (MCSCD) and the Environmental Assessment Office (EAO) have developed an approach that requires Certificate Holders to develop a rigorous plan based on this Socio-Economic Effects Management Plan (SEEMP) Framework as a legally binding condition in the Environmental Assessment Certificate.

The SEEMP sets out an adaptive process to identify and manage project related socio-economic effects, with a particular focus on services and infrastructure. The SEEMP should describe the approach to implementing mitigations set out in the Application in the context of real time and based on engagement with appropriate parties. Adaptive management principles (namely monitoring for mitigation effectiveness) would apply to the management of unforeseen events attributable to the project during construction phases (and that are the responsibility of the Certificate Holder). Where possible, the SEEMP should differentiate between effects that are the responsibility of the Certificate Holder and those that are not, so that other participants in the SEEMP process are able to plan and manage for effects from the project that are their responsibility.

This framework describes the key elements of the SEEMP and provides direction on how a SEEMP should be developed, approved and implemented. It is not meant to be prescriptive, rather, it enables the Certificate Holder to design a SEEMP that meets their specific project parameters and reflects the relationships that the Certificate Holder has developed, or will need to develop, with service providers through their engagement. While the framework lays out the

content and process for the SEEMP to support a consistent approach, it is expected that SEEMPs will be unique to each project.

The SEEMP requires a Certificate Holder to engage early and often in the SEEMP development and implementation with impacted parties, implement mitigations set out in the Application, and examine the effectiveness of those mitigations.

2. Purpose of a Socio-Economic Effects Management Plan (SEEMP)

The SEEMP clarifies the Certificate Holder's role in identifying, communicating, quantifying and mitigating (or contributing to the mitigation of) socio-economic effects on community-level services and infrastructure arising from construction of their project.

The desired outcome with the development of a SEEMP is to mitigate project related adverse impacts on communities and for a Certificate Holder to have access to services that are required for their business and workers.

The desired outcomes for the SEEMP are:

- clarity for all parties about timing of project activities so that planning and actions are based on current information;
- effective engagement between the parties;
- a planned approach to implementation of appropriate mitigations and plans;
- identification of an adaptive management approach(s) to ensure new effects are understood and mitigation is appropriate in the circumstances; and
- utilization of information by participants in the SEEMP process for the development of their own planning and actions in response to project effects/activities.

A SEEMP is to be developed in consultation with the Ministry of Community, Sport and Cultural Development (MCSCD) and approved by the EAO. The timing of the delivery of the SEEMP will be set out in the EA Condition, with the general guidance that the Certificate Holder must not commence construction until the SEEMP has been approved by EAO.

3. Required Content within a Socio-Economic Effects Management Plan

A SEEMP builds upon the EAC Application and describes how the Certificate Holder intends to carry out the mitigation for those effects, and to monitor and report upon the actual economic and social effects of the project once it is underway. The SEEMP should address project-specific effects as identified in individual Applications. These effects and proposed mitigations are discussed in the Application and may include, but not be limited to the following:

3.1 Economic Effects:

- Regional Labour Supply and Demand
- Business Procurement Contracts/Opportunities
- Skills and Training
- Labour Supply
- Housing Costs

3.2 Social Effects:

- Infrastructure and Services
- Community Populations
- Housing Availability and Affordability
- Health Care Infrastructure and Services
- Community Utilities and Services
- Emergency Response and Protection Services
- Other Community Infrastructure and Services

3.3 Management Plan Relationships: The SEEMP will show project specific relationships between existing plans, and **where appropriate to the project**, to the development of new plans:

- Health Care Services Plan
- Emergency Response and Protection Services Plan
- Environmental Management Plan
- Waste Management Plan
- Worker Accommodation Plan
- Business Opportunity Plan
- Labour and Training Plan
- Aboriginal Training and Inclusion Plan
- Work Camp Management Plan
- Transportation Plans
- Access Management Plan
- Aboriginal Consultation Plan
- GHG Emissions Management Plan
- Local Government Plans (i.e. Official Community Plan)

4. **Approval of a Socio-Economic Effects Management Plan**

The MCSCD will verify that relevant parties have been engaged and are aware of the analysis and mitigations affecting them. Based on this, MCSCD will be able to recommend to EAO that the process related to this EAC condition has been satisfied. The EAO has the approval responsibility to ensure the SEEMP complies with the terms of the EAC.

If there are issues, disputes or disagreements regarding anticipated or unanticipated socio-economic effects of the project between the Certificate Holder and persons, organizations, authorities and government agencies engaged in development of the SEEMP, it will be the responsibility of the Certificate Holder to resolve those concerns.

5. Engagement during Development and Implementation of a SEEMP

During the development or the amendment of a SEEMP, the Certificate Holder must ensure that opportunities are made for engagement with service providers, local governments, government agencies, and Aboriginal Groups that will be affected by the project construction and development. The Certificate Holder must engage early and on-going with identified parties in the development and implementation of the SEEMP. Engagement will be adapted to the capacity of Certificate Holders, service providers and provincial staff participating in the engagement.

Recommended scope of engagement will consider, but is not limited to, the following parties, depending upon the identified project effects:

- Environmental Assessment Office
- Emergency Management BC
- Local and or Regional Governments
- Aboriginal Groups
- Health Authorities
- BC Ambulance Service
- Hospital District
- Ministry of Transportation and Infrastructure
- Ministry of Jobs, Tourism and Skills Training
- BC Housing
- Ministry of Education (and Local School Districts)
- Ministry of Natural Gas Development and Responsible for Housing (e.g. housing)
- Ministry of Aboriginal Relations and Reconciliation
- Ministry of Children and Family Development
- Ministry of Community, Sport and Cultural Development (e.g. infrastructure)
- Ministry of Social Development and Social Innovation
- BC Oil and Gas Commission
- BC Ministry of Environment

6. Monitoring, Engagement and Final Report after the Approval of the SEEMP

Monitoring and Reporting: To provide a monitoring and reporting mechanism to ensure implementation activities of the SEEMP are effective and the results are publicly available. The Certificate Holder must ensure appropriate monitoring and reporting on the effectiveness of activities and mitigations described in the SEEMP. This monitoring protocol will be established through development of the SEEMP in consultation with MCSCD and EAO. The reporting will take place

through reports submitted as part of the implementation of SEEMP process, and should be posted publicly by the Certificate Holder on their project website. EAO may also post reports on their website. The timing of the SEEMP reports is to be discussed and decided by the Certificate Holder and CSCD.

The monitoring results will be compared to predicted effects contained in the EA Application for the project (and/or as detailed in the SEEMP), effectiveness of mitigation and the determination of the need for adaptive management as issues arise. This information will also be made available to assist local, regional and provincial governments in planning for capacity adjustments to infrastructure and services, as well as contribute to ongoing cumulative effects monitoring by governments and government agencies. As part of monitoring, the Certificate Holder is encouraged to include information to delineate their responsibilities from those of others as this will support planning by other organizations.

Engagement: The Certificate Holder must implement the engagement approach described in their SEEMP. This is required to demonstrate that specific engagement is planned throughout implementation of the SEEMP and to ensure that mitigation measures are effective, and that parties are aware of project effects as they become known. The purpose of engagement at this stage is to ensure that the Certificate Holder, provincial and local services providers are positioned to effectively respond to changing or more certain needs.

Final Report: The Certificate Holder will be required, as part of the SEEMP implementation, to provide a final report that summarizes the project at completion of project construction (or any time frame as required in the condition) in relation to the socio-economic effects, mitigation and the various reports that were established. The final report will contain an evaluation of the SEEMP process and implementation requirements (e.g. reports, engagement, coordination, etc.).

7. Amendments to a SEEMP

A SEEMP is intended to be adaptable to the emergence of new project information, changed project plans, or changes in external factors impacting project construction or development. It is also intended to be adaptable to the emergence of new information as a result of discussions between provincial and local government service providers and the Certificate Holder. The adaptive management approach for the SEEMP, if needed, must include the implementation of mitigation measures to address effects not previously identified in the EA that are directly related to the project.

The Certificate Holder will initiate the amendment process with approval by EAO. It is the responsibility of the Certificate Holder to ensure that any proposed amendments to the SEEMP have been discussed with affected parties, MCSCD and EAO. Subsequent monitoring reports will reflect the amended SEEMP.