

**PATTULLO BRIDGE REPLACEMENT PROJECT**

**SCHEDULE B**

**TABLE OF CONDITIONS**

**FOR**

**AN ENVIRONMENTAL ASSESSMENT CERTIFICATE**

## DEFINITIONS

Indigenous Groups:	<p>Refers to the Indigenous Groups identified in Schedule B in the Section 11 Order:</p> <ul style="list-style-type: none"> <li>• Cowichan Tribes;</li> <li>• Halalt First Nation;</li> <li>• Katzie First Nation;</li> <li>• Kwantlen First Nation;</li> <li>• Kwikwetlem First Nation;</li> <li>• Lake Cowichan First Nation;</li> <li>• Lyackson First Nation;</li> <li>• Musqueam Indian Band;</li> <li>• Penelakut Tribe;</li> <li>• Semiahmoo First Nation;</li> <li>• Squamish Nation;</li> <li>• Stz'uminus First Nation;</li> <li>• Tsawwassen First Nation; and</li> <li>• Tseil-Waututh Nation.</li> </ul>
Application	<p>Application submitted by the British Columbia Ministry of Transportation and Infrastructure to the Environmental Assessment Office on August 14, 2018 applying for an Environmental Assessment Certificate, pursuant to Section 16 of the <i>Environmental Assessment Act</i>, and accepted for review on August 14, 2018.</p>
Certificate	<p>Environmental Assessment Certificate</p>
Construction	<p>The phase of the Project during which the new bridge and associated infrastructure, are constructed, including in-river work, physical alteration of land, vegetation or any other aspect of the natural environment, occurs. For the purposes of this Schedule B, Construction does not include any activities conducted solely for investigative purposes under a valid permit or authorization.</p>
Demolition	<p>The phase of the Project during which the existing Pattullo Bridge is demolished resulting in in-river work, the physical alteration of land, vegetation, or any other aspect of the natural environment.</p>

Holder	The British Columbia Ministry of Transportation and Infrastructure or, if this Certificate has been transferred in accordance with the conditions below, the entity to which this Certificate has been transferred in accordance with such conditions.
Operations	The phase of the Project commencing when the new bridge and approaches are open to public traffic.
Project	The Pattullo Bridge Replacement Project as described in the Certified Project Description (CPD) attached as Schedule A to this Certificate.
Qualified Professional	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. The EAO may update this definition in order to maintain consistency with Provincial policy or practice regarding Qualified Professionals.
TransLink	The South Coast British Columbia Transportation Authority

## **ACRONYMS AND ABBREVIATIONS**

AIA	Archaeological Impact Assessment
ATK	Aboriginal Traditional Knowledge
CPD	Certified Project Description
DFO	Fisheries and Oceans Canada
EAO	Environmental Assessment Office
FLNRORD	Ministry of Forests, Lands, Natural Resource Operations and Rural Development
IEM	Independent Environmental Monitor
MOTI	Ministry of Transportation and Infrastructure
QP	Qualified Professional
TC	Transport Canada
TUS	Traditional Use Study
VFPA	Vancouver Fraser Port Authority

## TABLE OF CONDITIONS

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 Environmental Assessment Office (EAO) in the timeframe referenced in such condition, unless otherwise approved by the EAO. The EAO may, within 45 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 the 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 a) or b) within 45 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> <ul style="list-style-type: none"> <li>1. Where a condition of this Certificate requires the Holder to develop a plan, program or similar document, any such plan, program or document must, at a minimum, include the following information: <ul style="list-style-type: none"> <li>i) Purpose and objectives of the plan, program or other document;</li> <li>ii) Roles and responsibilities of the Holder, project personnel and contractors;</li> <li>iii) Names and if applicable, professional certifications and professional</li> </ul> </li> </ul>

No.	Condition
	<p>stamps/seals, for those responsible for the preparation of the plan, program or other document;</p> <ul style="list-style-type: none"> <li>iv) Schedule for implementing the plan, program or other document throughout the relevant Project phases;</li> <li>v) Means by which the effectiveness of the mitigation measures will be evaluated including the schedule for evaluating effectiveness;</li> <li>vi) Adaptive management plan to address effects of the Project if the monitoring conducted under section 2 of this condition shows that those effects: <ul style="list-style-type: none"> <li>i. Are not mitigated to the extent contemplated in the Application; or</li> <li>ii. Are not predicted in the Application;</li> </ul> </li> <li>vii) Schedules and methods for the submission of reporting to specific agencies, Indigenous Group(s) and the public, and the required form and content of those reports; and</li> <li>viii) Process and timing for updating and revising the plan, program or other document, including any consultation with agencies and Indigenous Groups that would occur in connection with such updates and revisions.</li> </ul> <p>2. Where a plan, program or other document includes monitoring requirements, the plan, program or other document must include:</p> <ul style="list-style-type: none"> <li>i) Description of baseline information that will be used to support monitoring of the effectiveness of mitigation;</li> <li>ii) Methodology, location, frequency, timing and duration of monitoring; and</li> <li>iii) Scope, content and frequency of reporting of the monitoring results.</li> </ul>
3.	<p><b>Consultation</b></p> <p>Where a condition of this Certificate requires the Holder to 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 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 providing such views to the Holder is not specified in the</li> </ul> </li> </ul> </li> </ul>

No.	Condition
	<p style="text-align: center;">relevant condition of this Certificate, specifies a reasonable period during which the party may submit such views to the Holder;</p> <ul style="list-style-type: none"> <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 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.</li> </ul>
4.	<p><b>Compliance Verification and Reporting</b></p> <p>The Holder must provide any document, data or information requested by the EAO for the purposes of compliance inspection and verification.</p> <p>The Holder must submit a report to the attention of the EAO and Indigenous 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; and</li> <li>b) On or before January 31 in each year after the start of Construction, until three years after the start of Operations.</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>
5.	<p><b>Project Status Notification</b></p> <p>The Holder must notify the EAO, Vancouver Fraser Port Authority (VFPA) and Indigenous Groups in writing that the Project is under construction, under demolition, and when it is operational. The notification must be received by the EAO, VFPA, and Indigenous Groups within three months of the commencement of Construction, Demolition and Operations.</p>

No.	Condition
	<p>Should the primary contact for the Project change, the Holder must notify the EAO, VFPA and Indigenous 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>
6.	<p><b>Compliance Notification</b></p> <p>The Holder must notify the EAO, VFPA and Indigenous 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>
7.	<p><b>Independent Environmental Monitor</b></p> <p>The Holder must retain the services of an Independent Environmental Monitor (IEM). The Holder must develop the qualification requirements and evaluation criteria for the selection of the IEM in consultation with Indigenous Groups.</p> <p>The IEM must be a Qualified Professional (QP), unless otherwise approved by the EAO, with a minimum of five years experience in monitoring construction in British Columbia.</p> <p>The IEM will:</p> <ul style="list-style-type: none"> <li>a) Observe and record for, and report to, the EAO on compliance with the Certificate; and</li> <li>b) Provide information to the EAO, Indigenous Groups, Ministry of Forests, Lands and Natural Resource Operations and Rural Development (FLNRORD) and VFPA,</li> </ul> <p>as directed by the EAO. Subject to any exceptions set out in the terms of engagement for the IEM, when providing information or reports to the EAO, the IEM must not provide such information or reports to the Holder in advance of providing such information or reports to the EAO, Indigenous Groups, FLNRORD and VFPA.</p> <p>The Holder must retain the IEM throughout Construction and Demolition and for three years after the completion of Demolition.</p> <p>The Holder must develop the terms of engagement for the IEM in consultation with Indigenous Groups, FLNRORD and VFPA:</p> <ul style="list-style-type: none"> <li>c) 45 days prior to the planned commencement of Construction, the Holder must: <ul style="list-style-type: none"> <li>i) Submit to the EAO for review the name, organization and qualifications of the proposed IEM and the IEM terms of engagement; and</li> <li>ii) Provide notice to Indigenous Groups of the name, organization and</li> </ul> </li> </ul>

No.	Condition
	<p style="text-align: center;">qualifications of the proposed IEM.</p> <p>The Holder must not start Construction until the selection of the IEM 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>d) The role, responsibilities and qualifications of the IEM;</li> <li>e) The roles, responsibilities and qualifications of any staff or other persons including Indigenous monitors who will assist the IEM with performing the IEM’s roles and responsibilities (each an “IEM Support”);</li> <li>f) The nature and frequency of monitoring;</li> <li>g) The process whereby the IEM or an IEM 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>h) The process by which the recommendations in section g) above will be communicated to the EAO and the Holder;</li> <li>i) The situations in which the IEM will have the authority to stop work on part of or all of the project if the IEM 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 or any IEM support;</li> </ul> </li> <li>j) The details of a report to be submitted to the EAO and Indigenous Groups upon completion of Construction and Demolition, and three years following the completion of Demolition. The report must be written by the IEM and include, but not necessarily be 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 to the Holder to prevent or address any non-compliance with this Certificate;</li> <li>iii) A record of whether any such recommendations from the IEM 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 other Provincial or Federal legislation or authorization applicable to the Project; and,</li> <li>v) Assessment of the effectiveness of Project mitigation measures for Construction and Demolition and for three years after completion of Demolition.</li> </ul> </li> <li>k) A requirement that a detailed work plan for Construction, Demolition and for the first three years after the completion of Demolition be submitted to the EAO for approval 60 days prior to the start of Construction. The work plans must describe</li> </ul>

No.	Condition
	<p>the frequency of inspections and rationale for that frequency, the manner in which IEM-identified non-compliances will be communicated to the EAO, the Holder and Indigenous Groups, and the format and frequency of IEM reports, on an annual basis.</p>
8.	<p><b>Indigenous Group Monitoring Plan</b></p> <p>The Holder must, to the satisfaction of the EAO, offer opportunities for members or representatives of Indigenous Groups to participate in monitoring activities during Construction and Demolition, including, but not limited to, monitoring of Construction and Demolition activities that may affect traditional use and related environmental values.</p> <p>The Holder must prepare an Indigenous Group Monitoring Plan in consultation with Indigenous Groups and the EAO. The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) The methods for communicating monitoring opportunities to Indigenous Groups and their members</li> <li>b) The roles and responsibilities of Indigenous monitors, including: <ul style="list-style-type: none"> <li>i) The nature and frequency of the monitoring activities that will be conducted; and</li> <li>ii) The means and methods by which monitoring activities will be undertaken;</li> </ul> </li> <li>c) Protocols for access to the Project and access to monitoring locations by Indigenous Group Monitors; and</li> <li>d) The training, equipment and support that will be provided to the monitors to support the monitoring activities.</li> </ul> <p>The Holder must provide the plan to Indigenous Groups and the EAO for review a minimum of 60 days prior to the planned commencement of Construction.</p> <p>The plan, and any amendments thereto, must be implemented prior to Construction and during Construction and Demolition, and to the satisfaction of the EAO.</p>
9.	<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 FLNRORD, TC, VFPA, Metro Vancouver, City of New Westminster, City of Surrey and Indigenous Groups.</p> <p>The plan must apply to all components of the Project, including any work sites external to the Certified Project Area. The plan must include, at a minimum, component plans to address:</p> <ul style="list-style-type: none"> <li>a) Air quality management;</li> </ul>

No.	Condition
	<ul style="list-style-type: none"> <li>b) Construction health and safety management;</li> <li>c) Construction staging, laydown, and any work sites external to the Certified Project Area;</li> <li>d) Contaminated sites management;</li> <li>e) Emergency response and spill prevention;</li> <li>f) Erosion and sediment control;</li> <li>g) Hazardous materials management;</li> <li>h) Standing heritage resources such as Woodlands wall and heritage buildings and houses within the Certified Project Area;</li> <li>i) Non-hazardous waste management;</li> <li>j) Lighting Management, including but not limited to the means by which the potential attraction of birds will be mitigated;</li> <li>k) Noise and vibration;</li> <li>l) Soil management;</li> <li>m) Stormwater management and pollution prevention;</li> <li>n) Surface water management;</li> <li>o) Water quality monitoring for in-river works;</li> <li>p) Vegetation and invasive species management, including but not limited to: <ul style="list-style-type: none"> <li>i) Rare plant surveys;</li> <li>ii) Culturally significant plant surveys; and</li> <li>iii) Revegetation plans to restore and enhance the potential of permeable surfaces of the site to function effectively as fish, wildlife, and migratory bird habitats;</li> </ul> </li> <li>q) Wildlife and wildlife habitat management including but not limited to: <ul style="list-style-type: none"> <li>i) Pre-construction bird and wildlife surveys; and</li> <li>ii) Pre-construction shoreline mammal habitat surveys.</li> </ul> </li> </ul> <p>The plan must include a description of how Indigenous traditional knowledge and Indigenous traditional use information, shared with the Holder by Indigenous Groups, has been incorporated into the plan.</p> <p>The Holder must complete the surveys required by p) and q) of this condition prior to the planned commencement of Construction. Survey results must be shared with the EAO, FLNRORD, TC, VFPA, Metro Vancouver, City of New Westminister, City of Surrey and Indigenous Groups prior to Construction and must inform the development of the plan.</p> <p>The Holder must provide this plan to the EAO, FLNRORD, TC, VFPA, Metro Vancouver, City of New Westminister, City of Surrey and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Construction.</p>

No.	Condition
	The plan, and any amendments thereto, must be implemented to the satisfaction of the QP(s) throughout Construction and to the satisfaction of the EAO.
10.	<p data-bbox="233 344 909 378"><b>Demolition Environmental Management Plan</b></p> <p data-bbox="233 428 1429 583">The Holder must retain one or more QPs to develop a Demolition Environmental Management Plan. The plan must be developed in consultation with FLNRORD, TC, VFPA, Metro Vancouver, City of New Westminster, City of Surrey, and Indigenous Groups.</p> <p data-bbox="233 638 1487 751">The plan must apply to all components of the Project, including any work sites external to the Certified Project Area. The plan must include, at a minimum, component plans to address:</p> <ul style="list-style-type: none"> <li data-bbox="282 764 675 798">a) Air quality management;</li> <li data-bbox="282 806 782 840">b) Health and safety management;</li> <li data-bbox="282 848 1455 919">c) Demolition staging, laydown, and any work sites external to the Certified Project Area;</li> <li data-bbox="282 932 805 966">d) Contaminated sites management;</li> <li data-bbox="282 974 922 1008">e) Emergency response and spill prevention;</li> <li data-bbox="282 1016 750 1050">f) Erosion and sediment control;</li> <li data-bbox="282 1058 824 1092">g) Hazardous materials management;</li> <li data-bbox="282 1100 1455 1171">h) Standing heritage resources, including heritage buildings and houses that are in the Certified Project Area;</li> <li data-bbox="282 1184 844 1218">i) Non-hazardous waste management;</li> <li data-bbox="282 1226 646 1260">j) Lighting management;</li> <li data-bbox="282 1268 610 1302">k) Noise and vibration;</li> <li data-bbox="282 1310 587 1344">l) Soil management;</li> <li data-bbox="282 1352 1042 1386">m) Stormwater management and pollution prevention;</li> <li data-bbox="282 1394 730 1428">n) Surface water management;</li> <li data-bbox="282 1436 925 1470">o) Water quality monitoring for in-river works;</li> <li data-bbox="282 1478 1373 1512">p) Vegetation and invasive species management, including but not limited to: <ul style="list-style-type: none"> <li data-bbox="347 1520 701 1554">i) Rare plant surveys;</li> <li data-bbox="347 1562 974 1596">ii) Culturally significant plant surveys; and</li> <li data-bbox="347 1604 1487 1717">iii) Revegetation plans to restore and enhance the potential of permeable surfaces of the site to function effectively as fish, wildlife, and migratory bird habitats; and</li> </ul> </li> <li data-bbox="282 1730 1481 1801">q) Wildlife and wildlife habitat management and restoration, including, but not limited to, pre-demolition bird and wildlife surveys.</li> </ul> <p data-bbox="233 1856 1373 1890">The plan must include a description of how Indigenous traditional knowledge and</p>

No.	Condition
	<p>Indigenous traditional use information, shared with the Holder by Indigenous Groups, has been incorporated into the plan.</p> <p>The Holder must complete the surveys required by p) and q) of this condition prior to the planned commencement of Demolition. Survey results must be shared with the EAO, FLNRORD, TC, VFPA, and Indigenous Groups prior to Demolition and must inform the development of the plan.</p> <p>The Holder must provide this plan to the EAO, FLNRORD, TC, VFPA, Metro Vancouver, City of New Westminster, City of Surrey, and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Demolition.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of the QP(s) throughout Demolition and to the satisfaction of the EAO.</p>
11.	<p><b>Fish and Fish Habitat Monitoring and Mitigation Plan</b></p> <p>The Holder must retain a QP to develop a Fish and Fish Habitat Monitoring and Mitigation Plan to identify and mitigate potential adverse effects to fish and fish habitat during Construction and Demolition.</p> <p>The plan must be developed in consultation with FLNRORD and Indigenous Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) A description of the measures and standards that will be in place to avoid, reduce, or otherwise mitigate adverse effects on fish and fish habitat that could result from Construction and Demolition;</li> <li>b) A list of fish species at risk (i.e. fish species identified as being at risk through federal or BC legislation) that have the potential to be affected by Project-related activities;</li> <li>c) Identification of reduced-risk work windows, including those windows for eulachon, sturgeon and salmon species, as well as for any species at risk listed in (b), and identification of reduced-risk windows communicated by Indigenous Groups to the Holder, for in-river construction and demolition, and the work that will occur within these windows;</li> <li>d) Identification of, and justification for, any work that will occur outside of the reduced-risk work windows identified in accordance with paragraph (c), and measures to mitigate impacts of such works to fish and fish habitat;</li> <li>e) The means by which, and timing when, monitoring of fish presence, including, but</li> </ul>

No.	Condition
	<p>not limited to, the use of side-scan sonar, will be undertaken to support the implementation of mitigation and monitoring to address potential effects to fish, including sturgeon, eulachon, salmon species and any species at risk listed in (b), as determined by a QP;</p> <p>f) The means by which, and timing when, monitoring results will be shared;</p> <p>g) Identification of the geographic areas where, the means by which, and periods of time when, underwater noise monitoring in the Fraser River will be conducted; and</p> <p>h) A description of how Indigenous traditional knowledge and Indigenous traditional use information, shared with the Holder by Indigenous Groups, has been incorporated into the plan.</p> <p>The Holder must complete the <i>Pattullo Bridge Replacement Project – Eulachon Spawning and Staging Study</i> initiated by the Holder in December 2018 prior to commencing Construction. Study results must be shared with the EAO, FLNRORD, and Indigenous Groups prior to Construction and must inform the development of the plan.</p> <p>The Holder must provide this plan to the EAO, FLNRORD and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Construction.</p> <p>The plan, and any amendments thereto, must be implemented to the satisfaction of the QP throughout Construction and Demolition and to the satisfaction of the EAO.</p>
12.	<p><b>Fish and Wildlife Habitat Offsetting Plan</b></p> <p>The Holder must retain a QP to develop a plan for offsetting the loss of habitat from the Project. The plan must be developed in consultation with City of New Westminster, City of Surrey, FLNRORD, VFPA and Indigenous Groups.</p> <p>The plan must include at least the following:</p> <p>a) A description of the measures that will be implemented to offset residual fish habitat loss associated with the Project;</p> <p>b) The means by which the Holder will ensure the offsetting habitat will provide a higher value than the fish habitat it is replacing, as determined by a QP. The plan must describe how the offsetting habitat provides a higher value than the fish habitat it is replacing;</p> <p>c) A description of the measures and standards that will be put in place to avoid or mitigate adverse effects on fish and fish habitat that could result from the implementation of the offsetting measures referred to in paragraph (a);</p> <p>d) A description of the monitoring measures that will be in place to assess the</p>

No.	Condition
	<p>effectiveness of the offsetting measures referred to in paragraph (a);</p> <ul style="list-style-type: none"> <li>e) The timeline for the implementation of the offsetting plan;</li> <li>f) A description of the contingency measures and associated monitoring measures that will be put into place if the offsetting measures referred to in paragraph (a) are not successful in offsetting the residual loss of fish habitat resulting from the Project;</li> <li>g) Identification of habitat enhancement opportunities including measures to incorporate wildlife and migratory bird habitat offsetting;</li> <li>h) A description of a monitoring program to assess and evaluate the effectiveness of offsetting measures referred to in paragraph (f);</li> <li>i) A description of how Indigenous traditional knowledge and Indigenous traditional use information, shared with the Holder by Indigenous Groups for consideration, has been incorporated into the plan.</li> </ul> <p>The Holder must provide the plan to the EAO, FLNRORD, City of New Westminster, City of Surrey, VFPA and Indigenous Groups for review a minimum 60 days prior to the planned commencement of Construction. The plan and any amendments thereto, must be implemented throughout Construction and Demolition under the supervision of the QP and to the satisfaction of the EAO.</p>
13.	<p><b>Marine and Fisheries Access Management Plan</b></p> <p>The Holder must develop a plan for marine and fisheries access management applicable to Construction and Demolition. The plan must be developed in consultation with Indigenous Groups, VFPA and TC.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) A description of how the Holder will avoid, minimize or otherwise mitigate or offset disruptions caused by Construction and Demolition for commercial fisheries or for members of Indigenous Groups to carry out traditional use activities including fishing for food, social and ceremonial purposes that have been identified and communicated by Indigenous Groups to the Holder in relation to this or other relevant plans;</li> <li>b) Identification of travel corridors and placement of Project related marine vessels and equipment into and within the Certified Project Area during Construction and Demolition;</li> <li>c) Identification of existing navigational routes, commercial fishing areas, commercial shipping use, recreational and tourism use, and any associated timing windows;</li> <li>d) Identification of existing and traditional navigational routes, fishing areas and</li> </ul>

No.	Condition
	<p>harvesting areas, as identified and communicated by Indigenous Groups, and any associated timing windows;</p> <ul style="list-style-type: none"> <li>e) Construction and Demolition locations, activities, and schedule, including but not limited to staging and laydown areas, barge loading and unloading areas, and habitat offsetting activities, that have the potential to interfere with fishing access and related navigation;</li> <li>f) Results of supplemental hydraulic modeling based on the detailed design of in-river components of the Project, including predicted Project-related changes in scour and sediment deposition, flow velocities and flow distribution in the Fraser River, and mitigation measures including optimization of pier shapes and alignment, proposed to address potential adverse effects predicted by the modelling, and the means to inform Indigenous Groups of these changes;</li> <li>g) The locations at and frequency with which river bed and foreshore monitoring will be conducted for up to a duration of five years after Demolition activities. Parameters must include scour and sediment deposition, flow velocities, and flow distribution;</li> <li>h) A complaint resolution process and compensation regime for loss or damage to traps, nets and other fishing equipment, anchors and other vessel-related gear due to interactions with Project-related marine vessels;</li> <li>i) Actions to inform marine users and Indigenous Groups of the anticipated Project schedule for marine-based activities during Construction and Demolition;</li> <li>j) Methods to coordinate activities with other marine users;</li> <li>k) A description of marine communications, emergency preparedness procedures and other measures to address the safety of marine users, fishers and construction personnel and to minimize the likelihood of vessel collisions during Construction and Demolition; and</li> <li>l) A description of how Indigenous traditional knowledge and Indigenous traditional use information, shared with the Holder by Indigenous Groups, has been incorporated into the plan.</li> </ul> <p>The Holder must provide the plan to the EAO, Indigenous Groups, VFPA, and TC no less than 60 days prior to the Holder’s planned date to commence in-river Construction activities. The Holder must implement the plan throughout in-river Construction and Demolition activities, to the satisfaction of the EAO.</p> <p>For the purposes of this condition, ‘in-river Construction and Demolition activities’ includes activities related to Construction and Demolition where Project-related marine vessels, barges and equipment, or machinery, and impediments to navigation, including pier construction and dewatering activities, are present within the Fraser River.</p>

No.	Condition
14.	<p><b>Access Management Plan</b></p> <p>The Holder must develop a plan for access management during Construction and Demolition. The plan must be developed in consultation with City of New Westminster, City of Surrey, Fraser Health, Metro Vancouver, TransLink, BC Cycling Coalition, HUB Cycling and Indigenous Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) Measures to avoid or mitigate potential effects to cycling, pedestrian and vehicular traffic, and public transit service;</li> <li>b) A description of how traffic interruptions will be planned and mitigated, traffic restrictions and re-routing scenarios will be communicated to stakeholders, emergency responders, transit agencies, municipalities and adjacent land users;</li> <li>c) The means by which the Holder will: <ul style="list-style-type: none"> <li>i) Control public access along the Certified Project Area;</li> <li>ii) Maintain, restore or enhance existing access to public use areas, community amenities, businesses and residences;</li> <li>iii) Maintain, restore or enhance existing cycling access; and</li> <li>iv) Avoid or mitigate any disruption caused by Construction and Demolition to the access for members of Indigenous Groups to carry out land-based traditional use activities that have been identified and communicated by Indigenous Groups to the Holder in relation to this and other relevant plans.</li> </ul> </li> </ul> <p>The Holder must provide the plan to the EAO, City of New Westminster, City of Surrey, Fraser Health, Metro Vancouver, TransLink, BC Cycling Coalition, HUB Cycling, and Indigenous Groups for review a minimum 60 days prior to the planned commencement of Construction. The plan, and any amendments thereto, must be implemented throughout Construction and Demolition, to the satisfaction of the EAO.</p>
15.	<p><b>Cultural and Archaeological Resources Management Plan</b></p> <p>The Holder must retain a QP to develop a plan for the mitigation of impacts of the Project to archaeological resources and cultural sites during Construction and Demolition, including but not limited to sites and resources protected under the <i>Heritage Conservation Act</i>. The plan must be developed in consultation with Indigenous Groups and FLNRORD.</p> <p>The Holder must develop qualifications and evaluation criteria for the selection of the QP for the plan in consultation with Indigenous Groups.</p>

No.	Condition
	<p>The plan must include at a minimum the following:</p> <ul style="list-style-type: none"> <li>a) Procedures for the identification and treatment of archaeological or cultural resources that may be affected by the Project, and procedures for the preservation and sharing of information regarding these resources with Indigenous Groups and FLNRORD;</li> <li>b) The means by which Indigenous Groups will be involved in the Project Archaeological Impact Assessment (AIA);</li> <li>c) The means by which the Holder will incorporate the results of the AIA into the river hydraulics and morphology model to determine any future requirements for an archaeological shoreline assessment and how the assessment may be conducted;</li> <li>d) The measures to prevent unauthorized access to, and to address access preferences of Indigenous Groups to, archaeological and cultural sites during the completion of the AIA and during Construction and Demolition;</li> <li>e) A description of how archaeological and cultural resources and sites within the Certified Project Area could be impacted by Project activities;</li> <li>f) Measures for mitigating and monitoring Project impacts on archaeological and cultural sites;</li> <li>g) The appropriate locations to store archaeological and cultural resources found within the Certified Project Boundary;</li> <li>h) The means by which the Holder will develop and implement a Chance Find Protocol with Indigenous Groups, including the means by which the Holder will manage chance finds of archaeological and resources;</li> <li>i) The means by which the Holder will develop and implement an ancestral remains protocol in the event ancestral remains are encountered;</li> <li>j) How knowledge from the AIA, Traditional Use Studies (TUS), and Aboriginal Traditional Knowledge (ATK) has been incorporated in the plan; and</li> <li>k) Provisions for training employees and contractors of the Project on cultural sensitivity, confidentiality and recognition of heritage values.</li> </ul> <p>Where access permits, as determined by the QP, the AIA must be completed prior to the commencement of Construction.</p> <p>The Holder must provide the plan to the EAO, FLNRORD and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Construction. The Holder must not commence Construction until the plan is approved by the EAO.</p> <p>The plan and any amendments thereto, must be implemented to the satisfaction of the Qualified Professional throughout Construction, Demolition, and for the first three years</p>

No.	Condition
	after the completion of Demolition, and to the satisfaction of the EAO.
16.	<p><b>Indigenous Cultural Recognition Plan</b></p> <p>The Holder must develop a plan for Indigenous cultural recognition, interpretation, education and commemoration of heritage sites. The plan must be developed in consultation with Indigenous Groups.</p> <p>The plan must include at least the following:</p> <ul style="list-style-type: none"> <li>a) Description of a process for continuing engagement with Indigenous Groups throughout Construction, Demolition and for the first three years after the completion of Demolition, to further identify and plan for opportunities for cultural recognition, interpretation, education, and commemoration;</li> <li>b) Description of how opportunities for cultural recognition that have been requested by Indigenous Groups have been considered and supported by the Holder;</li> <li>c) The process by which Indigenous Groups will be involved in the implementation of the cultural recognition, interpretation, education, or commemoration opportunity and associated activities; and</li> <li>d) Describe opportunities made available to Indigenous Groups to review and provide comment on Project design, and documentation of how feedback received, or comments raised by Indigenous Groups were considered.</li> </ul> <p>The Holder must provide the plan to the EAO and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Construction and must be implemented to the satisfaction of the EAO throughout Construction, Demolition and Operations.</p>
17.	<p><b>Indigenous Training, Employment and Procurement Plan</b></p> <p>The Holder must develop an Indigenous Training, Employment and Procurement plan for the Project. The plan must be developed in consultation with Indigenous Groups. The plan must include at a minimum:</p> <ul style="list-style-type: none"> <li>a) The methods for communicating training, employment and procurement opportunities to Indigenous Groups and their members;</li> <li>b) Measures that the Holder will use to provide training opportunities for Indigenous monitors and enhance the hiring and retention of Indigenous Groups and their members;</li> <li>c) Measures that the Holder will use to support the procurement of goods and services from businesses owned by Indigenous Groups; and</li> <li>d) The means by which the results of b) and c) will be reported.</li> </ul>

No.	Condition
	<p>The Holder must provide the plan to the EAO and Indigenous Groups for review a minimum of 60 days prior to the planned commencement of Construction.</p> <p>The plan, and any amendments thereto, must be implemented throughout Construction and Demolition to the satisfaction of the EAO.</p>
18.	<p><b>Engagement and Reporting</b></p> <p>The Holder must continue to engage with Indigenous Groups from the date of issuance of this Certificate until the implementation of monitoring and follow-up programs required in the conditions described in this Certificate, to the satisfaction of the EAO.</p> <p>The Holder must provide reports to the EAO regarding Indigenous engagement that must include:</p> <ul style="list-style-type: none"> <li>a) A summary of the issues and concerns raised by each Indigenous Group, the measures taken to address the issues and concerns raised, or an explanation of why no action was taken; and</li> <li>b) An outline of on-going or future engagement opportunities with each Indigenous Group for the conditions set out in this Certificate.</li> </ul> <p>The reports must be provided:</p> <ul style="list-style-type: none"> <li>c) Within one year of commencing Construction;</li> <li>d) At the commencement of Demolition; and</li> <li>e) Upon the request of the EAO.</li> </ul> <p>The EAO may amend these timelines and may request additional reports at any time by providing written notice to the Holder.</p> <p>No less than 30 days prior to providing such a report to the EAO, the Holder must share a draft of such report with Indigenous Groups for their review and comment.</p> <p>The Holder must continue to engage the public from the date of issuance of this Certificate until the implementation of monitoring and follow-up programs required in the conditions described in this Certificate, to the satisfaction of the EAO.</p> <p>Within 60 days of the issuance of this Certificate, the Holder must establish and maintain a dedicated Project website throughout Construction and Demolition and for the first three years after the completion of Demolition. The website must:</p>

No.	Condition
	<ul style="list-style-type: none"> <li>f) Provide general information regarding the Project and Project status;</li> <li>g) Provide information about Project activities during Construction and Demolition and for the first three years after the completion of Demolition;</li> <li>h) Provide information in relation to the notification and communication requirements for the conditions set out in this Certificate;</li> <li>i) Provide information regarding progress in permitting processes that follow the issuance of this Certificate;</li> <li>j) Include information that would promote safety in and surrounding the Project area;</li> <li>k) Include a means for soliciting and receiving feedback; and</li> <li>l) Provide contact information for the Holder.</li> </ul> <p>The Holder must provide to the EAO a public engagement report one year after the commencement of Construction and one year after the completion of Demolition, unless otherwise directed by the EAO.</p> <p>The public engagement report must include for each individual or party with which the Holder engaged:</p> <ul style="list-style-type: none"> <li>m) The name of the individual or party;</li> <li>n) The methods(s), date(s), and location(s) of engagement activities;</li> <li>o) A summary of issues or concerns raised; and</li> <li>p) The measures taken, or that will be taken, to address or respond to concerns, or an explanation why no further action is required to respond to issues or concerns.</li> </ul>
19.	<p><b>Transfer of Certificate</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>a) Obtain consent for the transfer from the Executive Director;</li> <li>b) 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>c) 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> <p>An interest in this Certificate may be transferred by way of a grant of security to lenders or financiers without consent.</p>

No.	Condition
	<p>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.</p> <p>If this Certificate is transferred without consent, the new and former 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>
20.	<p><b>Transfer of Interest in Project</b></p> <p>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:</p> <ul style="list-style-type: none"> <li>a) Obtain consent for the transfer from the Executive Director;</li> <li>b) 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>c) 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, 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>