



November 25, 2019

Impact Assessment Agency of Canada

401-701 West Georgia Street

Vancouver, BC V7Y 1C6

VIA EMAIL: [iaac.compliance-conformite.aeic@canada.ca](mailto:iaac.compliance-conformite.aeic@canada.ca)

**RE: Woodfibre LNG: Federal Decision Statement – Implementation Schedule**

This submission is being provided to the Impact Assessment Agency of Canada (IAAC) by Woodfibre LNG as per Condition 12 (Implementation Schedule) of the Federal Decision Statement (FDS) as amended, March 7, 2018. The Implementation Schedule indicates the commencement and completion dates for each activity relating to conditions set out in the FDS.

Please note that this Implementation Schedule is subject to change, and that Woodfibre LNG is committed to providing an updated schedule prior to implementation of any material changes. This update is provided pursuant to FDS Condition 12.2.

This letter and attached Implementation Schedule will be sent to Aboriginal Groups as identified in Section 1.1 of the FDS, as per Condition 7.4. A copy of the Implementation Schedule will be made available on our website at <https://www.woodfibrelng.ca/411-resources/environmental-assessment/>, upon submission of the document to Aboriginal Groups as per condition 2.8.

If you have any questions, please contact my office at [grace\\_hsieh@wlng.ca](mailto:grace_hsieh@wlng.ca) or James Wilkinson at [james\\_wilkinson@wlng.ca](mailto:james_wilkinson@wlng.ca).

Sincerely,

**Woodfibre LNG Limited**

<Signature removed>

David Keane

President Woodfibre LNG

Enc.

Federal Decision Statement Implementation Schedule November 2019



**Copy to:**

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Chris Gall, Director of Natural Resources	Métis Nation of British Columbia	<a href="mailto:cgall@mnhc.ca">cgall@mnhc.ca</a>

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No.	Condition	Commencement Date	Completion Date	Status/Notes
2.1	The Proponent shall, throughout all phases of the Designated Project, ensure that its actions in meeting the conditions set out in this Decision Statement are considered in a careful and precautionary manner, promote sustainable development, are informed by the best available information and knowledge including community and Aboriginal traditional knowledge, are based on validated methods and models, are undertaken by qualified individuals, and have applied the best available economically and technologically feasible mitigation measures.	November 2018	End of decommissioning	Ongoing through all project phases.
2.2	<p>The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement:</p> <p>2.2.1 Provide a written notice of the opportunity for the party or parties being consulted to present their views and information on the subject of consultation;</p> <p>2.2.2 Provide sufficient information and a reasonable period of time to permit the party or parties consulted to prepare their views and information;</p> <p>2.2.3 Provide a full and impartial consideration of any views and information presented by the party or parties being consulted; and</p> <p>2.2.4 Advise the part or parties that have provided comments on how the views and information received have been considered by the Proponent.</p>	November 2018	End of decommissioning	Ongoing through all project phases.
2.3	The Proponent shall where consultation with Aboriginal groups is a requirement of a condition set out in this Decision Statement, and prior to initiating that consultation, communicate with each Aboriginal group to determine the manner by which to satisfy the consultation requirements referred to in condition 2.2, including methods of notification, the type of information and the period of time to be provided when seeking input, the process for full and impartial consideration of any views and information presented and the means by which each Aboriginal group will be informed of how the views and information received have been considered by the Proponent.	March 2017	End of decommissioning	Initiated in March 2017 and ongoing.
2.4	<p>The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement:</p> <p>2.4.1 Undertake monitoring and analysis to verify the accuracy of the environmental assessment as it pertains to the particular condition and/or to determine the effectiveness of any mitigation measure(s);</p> <p>2.4.2 Determine whether additional mitigation measures are required based on the monitoring and analysis undertaken pursuant to condition (a); and</p> <p>2.4.3 If additional mitigation measures are required pursuant to (b), implement the additional mitigation measures and monitor them pursuant to condition (a).</p>	November 2018	End of decommissioning	Verification and effectiveness monitoring is being undertaken as part of the clean-up and remediation work.
2.5	Where consultation with Aboriginal groups is a requirement of a follow-up program, the Proponent shall discuss with each Aboriginal group opportunities for the participation of that Aboriginal group in the implementation of the follow-up program as set out in condition 2.4.	November 2018	End of decommissioning	Ongoing through all project phases – clean-up and remediation work includes Aboriginal participation.
2.6	<p>The Proponent shall, commencing in the reporting year that implementation of the conditions set out in this Decision Statement begins, prepare an annual report that sets out:</p> <p>2.6.1 The activities undertaken in the reporting year to comply with each of the conditions set out in this Decision Statement;</p> <p>2.6.2 How the Proponent complied with condition 2.1;</p> <p>2.6.3 For conditions set out in this Decision Statement for which consultation is a requirement, how the Proponent considered any views and information that the Proponent received during or as a result of the consultation;</p> <p>2.6.4 The results of the follow-up program requirements identified in conditions 3.14, 4.3, 6.5, 7.2, and 9.3; and</p>	November 2018	End of Decommissioning	The first annual report for the 2018 calendar year was provided to the Agency prior to March 31, 2019. The 2019 annual report will be provided to the Agency prior to March 31, 2020.

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2.6.5	Any additional mitigation measures implemented or proposed to be implemented by the Proponent, as determined under condition 2.4.			
2.7	The Proponent shall submit to the Agency the annual report referred to in condition 2.6, including an executive summary in both official languages, no later than March 31 following the reporting year to which the annual report applies.	November 2018	End of Decommissioning	The first annual report for the 2018 calendar year was provided to the Agency prior to March 31, 2019. The 2019 annual report will be provided to the Agency prior to March 31, 2020.
2.8	The Proponent shall publish on the Internet, or any medium which is widely publicly available, the annual report and the executive summaries referred to in conditions 2.6 and 2.7, any plan(s) to offset the loss of fish and fish habitat referred to in condition 3.11, the archaeological and heritage resources management plan referred to in condition 8.1, the decommissioning plan referred to in condition 10.1, the annual report referred to in condition 10.3, the reports referred to in conditions 11.4.3 and 11.4.4, the communication plan referred to in condition 11.5, the implementation schedule referred to in condition 12.1 and any update(s) or revision(s) to the above documents, upon submission of these documents to the parties referenced in the respective conditions. The Proponent shall keep these documents publicly available for 25 years following the end of the operation or until the end of decommissioning of the Designated Project, whichever comes first. The Proponent shall notify the Agency and Aboriginal groups of the availability of these documents once they are published.	November 2018	End of decommissioning	Where applicable to the current phase of the designated project, reports are posted on the Woodfibre LNG website: <a href="https://www.woodfibreng.ca/411-resources/environmental-assessment/">https://www.woodfibreng.ca/411-resources/environmental-assessment/</a> <ul style="list-style-type: none"> <li>• 2.6 and 2.7 – on our website</li> <li>• 3.11 Fish and fish habitat offset plans are in development as no authorization has yet been required</li> <li>• 8.1 – on our website</li> <li>• 10.1 and 10.3 – related to the decommissioning phase and as such reports have not been developed</li> <li>• 11.4.3 and 11.4.4 - there have been no accidents/malfunctions requiring these reports</li> <li>• 11.5 – on our website</li> <li>• 12.1 – on our website</li> </ul>
2.9	The Proponent shall notify the Agency and Aboriginal groups in writing no later than 60 days after the day on which there is a transfer of ownership, care, control or management of the Designated Project in whole or in part.	Date of transfer of ownership, if occurs	Within 60 days after date	Not applicable.
2.10	The Proponent shall consult with Aboriginal groups prior to initiating any material change(s) to the Designated Project that may result in adverse environmental effects, and shall notify the Agency in writing no later than 60 days prior to initiating the change(s).	Date of occurrence	60 days prior to initiating the change	The FDS was amended, following Aboriginal consultation, for the air cooling amendment in March 2018. Consultation with Aboriginal Groups has been initiated for inclusion of a Floatel.
2.11	In notifying the Agency pursuant to condition 2.10, the Proponent shall provide the Agency with an analysis of the adverse environmental effects of the change(s) to the Designated Project, as well as the results of the consultation with Aboriginal groups.	Date of occurrence of condition 2.10	Within 60 days after date	Air cooling amendment is completed and approved. The analysis of adverse environmental effects of the Floatel and results of Aboriginal consultation will be provided to the Agency.
3.1	The Proponent shall conduct in-water construction activities during timing windows of least risk for the area, unless otherwise agreed to by relevant federal and provincial authorities. If in-water construction activities cannot be conducted during timing windows of least risk, the Proponent shall develop and implement additional mitigation measures, in consultation with Fisheries and Oceans Canada and Aboriginal groups, to protect fish during sensitive life stages.	November 2018	Q3 2023	The clean-up and remediation work is being undertaken during the timing window of least risk for Howe Sound.
3.2	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish and fish habitat from changes to water quality during all phases for the Designate Project. The mitigation measures shall include: <ul style="list-style-type: none"> <li>3.2.1 Implementing erosion control measures and sediment control measures during all phases of the Designated Project;</li> <li>3.2.2 Revegetating disturbed riparian areas, using native plant species, after construction;</li> <li>3.2.3 Using silt control measures around in-water construction activities; and</li> <li>3.2.4 Preventing wet concrete or cement-laden water from entering the marine environment.</li> </ul>	November 2018	End of decommissioning	Silt control measures are being implemented for in-water work as part of the clean-up and remediation work.

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3.3	<p>The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioural change, during all phases of the Designated Project. The mitigation measures shall include:</p> <ul style="list-style-type: none"> <li>3.3.1 Isolating instream construction activities in Mill Creek from adjacent streamflow;</li> <li>3.3.2 Salvaging and relocating fish during instream construction activities requiring isolation of freshwater fish in Mill Creek;</li> <li>3.3.3 Maintaining minimum flow in Mill Creek to support fish and fish habitat;</li> <li>3.3.4 Designing, installing and operating a water intake structure to avoid or reduce the risk of injury and mortality to fish in Mill Creek;</li> <li>3.3.5 Taking into consideration the British Columbia Marine and Pile Driving Contractors Association's <i>Best Management Practices for Pile Driving and Related Operations</i> when conducting pile installation; and</li> <li>3.3.6 Implementing low-noise methods or sound dampening technologies to reduce the intensity of the sound generated of the level of sound propagation through the water column if underwater pressure pulse levels exceed 30 kilopascals during pile installation.</li> </ul>	Q3 2020	End of decommissioning	Not applicable to the clean-up and remediation work.
3.4	<p>The Proponent shall prevent or avoid the destruction or fish, or any potential harmful effects to fish habitats during all phases of the Designated Project when using explosives in or around water frequented by fish.</p>	Q3 2020	End of decommissioning	Not applicable to the clean-up and removal work.
3.5	<p>The Proponent shall remove existing creosote-treated piles in a manner to prevent the mobilization of deleterious substances in water frequented by fish, and taking into consideration navigational safety.</p>	November 2018	Q3 2023	Measures are included in the Marine Infrastructure Removal EMP.
3.6	<p>The Proponent shall design, install and operate any marine water intake to avoid or reduce the incidental capture of fish through entrainment and impingement, including the risk of entrainment of Pacific herring (<i>Clupea pallasii</i>) larvae.</p>	Q3 2020	End of decommissioning	Not applicable to the clean-up and removal work.
3.7	<p>The Proponent shall design, install and operate any marine discharge diffuser to prevent the deposit of a deleterious substance in water frequented by fish.</p>	Q3 2020	End of decommissioning	Not applicable to the clean-up and removal work.
3.8	<p>The Proponent shall establish and maintain a marine mammal underwater noise impact for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micropascal to avoid adverse behavioural change in or injury to marine mammals. In doing so, the Proponent shall:</p> <ul style="list-style-type: none"> <li>3.8.1 Identify each construction activity that generated underwater noise levels greater than 160 decibels and the periods of time when each activity occurs;</li> <li>3.8.2 Establish the boundary of the marine mammal underwater noise impact area for each construction activity identified in condition 3.8(a) at the distance from the activity at which the underwater noise level is predicted to reach 160 decibels;</li> <li>3.8.3 Employ a marine mammal observer, who is a qualified individual, and require that person to detect and report the presence of marine mammals in the marine mammal underwater noise impact area during construction activities identified in condition 3.8(a);</li> <li>3.8.4 Stop or not start the construction activities identified in condition 3.8(a) if a marine mammal is detected in the marine mammal underwater noise impact area, and only begin or continue the construction activities identified in condition 3.8(a) once the marine mammal has moved out of the marine mammal underwater noise impact area; and</li> <li>3.8.5 Implement mitigation measures, including sound dampening technology and soft-start procedures, to reduce construction noise levels in the marine mammal underwater noise impact area.</li> </ul>	November 2018	Q3 2023	Measures are included in the Marine Infrastructure Removal EMP.



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3.9	The Proponent shall require that LNG vessels associated with the Designated Project respect speed profiles applicable to the operation of the Designated Project, subject to navigational safety, to prevent or reduce the risks of collisions between LNG vessels and marine mammals.	Q3 2023	End of operations	LNG carriers are only associated with the operations phase of the Woodfibre LNG Project.
3.10	The Proponent shall require that LNG vessels and tug operators associate with the Designated Project report collisions with marine mammals in Howe Sound to the Canadian Coast Guard within two hours of a collision occurrence, and notify Aboriginal groups in writing.	Q3 2023	End of operations	LNG carriers are only associated with the operations phase of the Woodfibre LNG Project.
3.11	The Proponent shall, in consultation with Fisheries and Oceans Canada and Aboriginal groups, develop and implement any plan(s) required to offset the loss of fish and fish habitat associated with the carrying out of the Designated Project.	Q4 2019	Q3 2023	Offsetting plans are in development
3.12	<p>The Proponent shall, for any fish habitat offset areas proposed in any offsetting plan(s) under condition 3.11, and prior to submitting the offsetting plan to Fisheries and Oceans Canada, the Proponent shall determine whether there are adverse effects:</p> <ul style="list-style-type: none"> <li>3.12.1 On migratory birds and their habitat;</li> <li>3.12.2 On terrestrial species, including amphibians and reptiles, and their habitats;</li> <li>3.12.3 On listed species at risk and their habitats;</li> <li>3.12.4 On the current use of lands and resources from traditional purposes by Aboriginal peoples;</li> <li>3.12.5 On the flow rates, water depths or water widths that may affect the passage of a vessel, including a vessel used by Aboriginal peoples in the context of their current use of their lands any resources for traditional purposes;</li> <li>3.12.6 On physical and cultural heritage and structure, site or thing that is of historical, archaeological, paleontological or architectural significance to Aboriginal peoples; and</li> <li>3.12.7 From potential sources of contamination including polycyclic aromatic hydrocarbons, dioxins, furans, copper, lead, zinc, tri-n-butyltin, arsenic, cadmium and methyl-mercury in the receiving environment.</li> </ul>	Q4 2019	Q3 2023	Offsetting plans are in development which will include determination of adverse effects identified in this condition.
3.13	The Proponent shall, if there are adverse effects on any of the elements set out in conditions 3.12.1 to 3.12.7, avoid or lessen those adverse effects.	Q3 2019	Q3 2025	Offsetting plans are in development and, where required based on the outcome of condition 3.12, will include measures to avoid or lessen those effects.
3.14	The Proponent shall, in consultation with Fisheries and Oceans Canada and Aboriginal groups, develop, prior to construction, and implement, during all phases of the Designated Project, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of the mitigation measures identified under conditions 3.1 to 3.10	November 2018	End of Decommissioning	Verification and mitigation effectiveness monitoring is included in Environmental Management Plans. Consultation activities are ongoing. Woodfibre LNG obtained a Letter of Advice from DFO for the clean-up and remediation work.
4.1	The Proponent shall carry out all phases of the Designated Project in a manner that protects migratory birds and avoids harming, killing or disturbing migratory birds or destroying, disturbing or taking their nests or eggs. In this regard, the Proponent shall take into account Environment and Climate Change Canada's <i>Avoidance Guidelines</i> . The Proponent's actions in applying the <i>Avoidance Guidelines</i> shall be in compliance with the <i>Migratory Birds Convention Act, 1994</i> and with the <i>Species at Risk Act</i> .	November 2018	End of Decommissioning	Measures are included in the Environmental Management Plans.
4.2	<p>The Proponent shall:</p> <ul style="list-style-type: none"> <li>4.2.1 Restrict flaring to the minimum required during operation, maintenance activities or emergencies to prevent the accumulation of natural gas and protect from overpressure;</li> <li>4.2.2 Minimize flaring required for operation and maintenance activities during night time and during periods of migratory bird vulnerability; and</li> <li>4.2.3 Control operational lighting to avoid attracting migratory birds.</li> </ul>	Q3 2023	End of operations	Operations phase

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4.3	The Proponent shall develop, prior to construction and in consultation with Aboriginal groups, and implement, during all phases of the Designated Project, a follow-up program to verify the accuracy of the environmental assessment as it pertains to the environmental effects of the air cooling system on migratory birds and to determine the effectiveness of the mitigation measures used to avoid harm to migratory birds, their eggs and nests, including the measures used to comply with conditions 4.1 and 4.2.	November 2018	End of Decommissioning	Verification and mitigation effectiveness monitoring is included in Environmental Management Plans. Consultation activities are ongoing.
5.1	The Proponent shall utilize electric drives during operation for the compression of natural gas or utilize other technology that would result in equivalent or reduced greenhouse gas emissions.	Q3 2023	End of operations	Operations phase
5.2	The Proponent shall implement a leak detection and repair system to control fugitive emissions at the site of the Designated Project during operation.	Q3 2023	End of operations	Operations phase
6.1	The Proponent shall implement noise and air emission reduction measures during all phases of the Designated Project to avoid or reduce adverse environmental effects on human health, including: 6.1.1 Complying with the <i>Waste Discharge Regulation</i> under British Columbia's <i>Environmental Management Act</i> for air emissions; 6.1.2 Following best management practices and guidance from the British Columbia Oil and Gas Commission's <i>Noise Control Best Practices Guidelines</i> ; and 6.1.3 Complying with the operational noise requirement of the British Columbia Oil and Gas Commission's <i>Liquefied Natural Gas Facility Regulation</i> .	November 2018	End of Decommissioning	Measures are included in Environmental Management Plans.
6.2	The Proponent shall, in consultation with Aboriginal groups and other parties who may be adversely affected by the noise caused by the Designated Project, develop, prior to construction, and implement, during all phases of the Designated Project, a mechanism for receiving noise complaints associated with the Designated Project. The Proponent shall respond in a timely manner to any noise complaint(s) received.	November 2018	End of Decommissioning	Contact information is available on the Woodfibre LNG webpage. Consultation activities are ongoing.
6.3	The Proponent shall install and manage exterior lighting from all components of the Designated Project and during all phases of the Designated Project to prevent excessive emanation of light, by following the International Commission on Illumination's <i>CIE/130:2003 Guide on the Limitation of the Effects of Obtrusive Light from Outdoor Lighting Installations</i> , while meeting marine transportation and aviation safety requirements.	November 2018	End of Decommissioning	Measures are included in Environmental Management Plans.
6.4	The Proponent shall monitor water quality and sediment, using as benchmarks the Canadian Council of Ministers of the Environment's <i>Water Quality Guidelines for the Protection of Aquatic Life and Interim Sediment Quality Guidelines for the Protection of Aquatic Life</i> , and shall communicate any exceedance(s) of the Guidelines to relevant government authorities and Aboriginal groups, and implement additional mitigation measures to remedy those exceedances.	November 2018	End of Decommissioning	Measures are included in Environmental Management Plans.
6.5	The Proponent shall, in consultation with Aboriginal groups and relevant health authorities, develop, prior to construction, and implement a follow-up program to verify the assessment predictions regarding the bio-availability and bio-accumulation of contaminants in fish consumed by humans. The follow-up program shall include: 6.5.1 Prior to the commencement of marine in-water construction activities, establishing baseline conditions in the tissue of shellfish and groundfish for polycyclic aromatic hydrocarbons, polychlorinated dibenzo-p-dioxins and furans, copper, lead, zinc, tributyltin, arsenic, cadmium and methylmercury and using this information to update the human health risk assessment for the consumption of shellfish and groundfish; 6.5.2 During marine in-water construction activities, monitoring the re-suspension and bio-availability of polycyclic aromatic hydrocarbons, dioxins, furans, copper, lead, zinc, tri-n-butyltin, arsenic, cadmium and methyl-mercury in the tissue of shellfish and groundfish; and 6.5.3 If a potential for human health risk is identified in the updated human health risk assessment for the consumption of shellfish and groundfish referred in condition 6.5(a) or through monitoring referred in condition 6.5(b), conducting	November 2018	Q3 2023	Verification and mitigation effectiveness monitoring is included in Environmental Management Plans. Consultation activities are ongoing. Baseline tissue sampling was undertaken in 2015.

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	<p>additional sampling of polycyclic aromatic hydrocarbons, dioxins, furans, copper, lead, zinc, tri-n-butyltin, arsenic, cadmium and methyl-mercury in the tissue of shellfish and groundfish to confirm the assessment predictions regarding the bioavailability and bioaccumulation of contaminants in fish consumed by humans. If required, additional sampling shall start immediately upon completion of marine in-water construction activities and continue for one year following completion of marine in-water construction activities. The Proponent shall communicate the results of the follow-up program, including the results of any additional sampling, to Aboriginal groups.</p>			
7.1	<p>The Proponent shall, in consultation with Aboriginal groups and other marine users, develop, prior to construction, and implement, during all phases of the Designated Project, a communication protocol related to marine transportation. The communication protocol shall include procedures and practices for sharing information between the Proponent and Aboriginal groups and other marine users on the following:</p> <p>7.1.1 Location and timing of construction activities associated with the Designated Project-related, location and timing of ferry and water taxi traffic associated with the Designated Project and location of the marine access route to be used by LNG vessels associated with the Designated Project in Howe Sound;</p> <p>7.1.2 Location and timing of traditional activities by other marine users;</p> <p>7.1.3 Designated Project-related safety procedures, such as navigation aids, updated navigational charts and use of escort tugboats;</p> <p>7.1.4 Areas where navigation may be controlled for safety reasons;</p> <p>7.1.5 Speed profiles and schedules applicable to the operation of LNG vessels associated with the Designated Project; and</p> <p>7.1.6 Ways in which Aboriginal groups and other marine users can provide feedback to the Proponent about adverse environmental effects related to navigation caused by activities associated with the Designated Project, including construction activities and the operation of ferry and water taxi and LNG vessels.</p>	November 2018	End of Decommissioning	<p>Limited vessels used as part of the clean-up and remediation work that are similar to those currently used in Howe Sound. Per condition 6.2, contact information is available on the Woodfibre LNG website. Consultation activities are ongoing.</p>
7.2	<p>The Proponent shall, in consultation with Aboriginal groups, develop, prior to construction, and implement, during the construction and operation phases of the Designated Project, a follow-up program to verify the accuracy of the predictions made during the environmental assessment in relation to the effects of the wake generated by Designated Project-related vessels on the current use of lands and resources for traditional purposes and on physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural significance. The follow-up program shall include:</p> <p>7.2.1 Monitoring during the construction period and the first two years of operation of the degree of wake generated by Designated Project-related vessels and of adverse environmental effects on harvesters caused by vessel wake attributable to Designated Project-related vessels at key harvest sites and during key harvest periods for Aboriginal groups and on physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural significance located on or near the shoreline and identified in consultation with Aboriginal groups; and</p> <p>7.2.2 Providing the results of the follow-up program and details of any additional mitigation measures implemented as a result of the follow-up program to Aboriginal groups.</p>	November 2018	End of Decommissioning	<p>The environmental assessment wake effects assessment was based on LNG carriers. Current vessel traffic related to clean up and remediation works is limited. Consultation activities are ongoing.</p>
7.3	<p>The Proponent shall, prior to construction, consult with Aboriginal groups to seek opportunities for marine and land access around the Project area for Aboriginal groups to practice their current use of land and resources for traditional purposes and to pursue socio-economic opportunities, subject to safety requirements in the Project area.</p>	November 2018	End of Decommissioning	<p>Measures are included in Environmental Management Plans. Consultation activities are ongoing.</p>
7.4	<p>The Proponent shall provide Aboriginal groups with the implementation schedule and any update(s) or revision(s) to that schedule as stated in condition 12 at the same time the Proponent provides the schedule to the Agency.</p>	November 2018	End of Decommissioning	<p>The implementation schedule was provided to the Impact Assessment Agency of Canada (IAAC) (formerly Canadian Environmental Assessment Agency (CEAA)) and Aboriginal Groups in November 2018. This update is</p>

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No.	Condition	Commencement Date	Completion Date	Status/Notes
8.1	<p>The Proponent shall, in consultation with Aboriginal groups, develop, prior to construction, and implement, during all phase of the Designated Project, an archaeological and heritage resources management plan for the Designated Project. The archaeological and heritage resources management plan shall take into account the British Columbia's <i>Handbook for the Identification and Recording of Culturally Modified Trees</i>. The archaeological and heritage resources management plan shall include:</p> <p>8.1.1 A description of structures, sites, or things of historical, archaeological, paleontological or architectural significance (including culturally modified trees) that may be encountered by the Proponent during constructions</p> <p>8.1.2 Procedures and practices for on-site monitoring of construction activities that may affect a structure, site or thing of historical, archaeological, paleontological or architectural significance (including culturally modified trees) and for the identification and removal of that structure, site or thing; and</p> <p>8.1.3 A chance find protocol, should a previously unidentified structure, site or thing of historical, archaeological, paleontological, or architectural significance (including culturally modified trees) be discovered by the Proponent of brought to the attention of the Proponent, during construction, by an Aboriginal group or another party</p>	November 2018	End of Decommissioning	being provided consistent with this condition and conditions 12.1, 12.2 and 12.3.  Current clean-up and remediation works are focused on the removal of existing infrastructure in areas of previous disturbance. Consultation activities are ongoing.
9.1	The Proponent shall conduct pre-clearing surveys to determine the distribution of little brown myotis ( <i>Myotis lucifugus</i> ), and establish, in consultation with relevant government authorities, buffer zones around active hibernacula and active roosts.	Q3 2020	Q3 2023	To be conducted prior to clearing.
9.2	The Proponent shall, prior to construction and throughout all phases of the Designated Project, install and maintain roosting structures to offset any loss of little brown myotis ( <i>Myotis lucifugus</i> ) roosting habitat	November 2018	End of Decommissioning	Roosting structures have been installed and are being maintained.
9.3	The Proponent shall develop and implement a follow-up program to monitor the little brown myotis ( <i>Myotis lucifugus</i> ) usage of buffer zones and roosting structures to determine the effectiveness of the mitigation measures throughout all phases of the Designated Project and to verify the accuracy of the environmental assessment as it pertains to the environmental effects of the air cooling system on little brown myotis ( <i>Myotis lucifugus</i> ).	November 2018	End of Decommissioning	Measures are included in Environmental Management Plans
10.1	<p>At least one year prior to the end of operation, the Proponent shall develop, in consultation with Aboriginal groups and relevant government authorities, and submit to the Agency a decommissioning plan. The decommissioning plan shall include a description of:</p> <p>10.1.1 Any consultation undertaken by the Proponent during the development of the decommissioning plan, including any issues raised by Aboriginal groups and other parties during consultation and how these issues were addressed by the Proponent;</p> <p>10.1.2 The components of the Designated Project that will be decommissioned by the Proponent and the components that will not be decommissioned;</p> <p>10.1.3 The desired end-state objectives of the Project area;</p> <p>10.1.4 The component of the environment that may be adversely affected by decommissioning activities of by components of the Designated Project that will not be decommissioned;</p> <p>10.1.5 How the Proponent will mitigate and monitor adverse environmental effects from decommissioning activities;</p> <p>10.1.6 How the Proponent will conduct in-water and land-based decommissioning activities (including the location, the scheduling and sequencing of activities);</p> <p>10.1.7 The plan for progressive reclamation, if appropriate; and</p>	1 year prior to end of operations	Decommissioning	Decommissioning phase

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No.	Condition	Commencement Date	Completion Date	Status/Notes
	10.1.8 The manner and timing of consultation of Aboriginal groups and other relevant parties throughout the decommissioning phase.			
10.2	The Proponent shall implement the decommissioning plan referred to in condition 10.1	During decommissioning	End of Decommissioning	Decommissioning phase
10.3	<p>The Proponent shall, from the reporting year in which decommissioning begins until the end of the decommissioning phase of for a maximum of 25 years, submit to the Agency a written annual report no later than March 31 of the following reporting year. The written annual report shall include a description of:</p> <p>10.3.1 The decommissioning activities undertaken by the Proponent during the reporting year;</p> <p>10.3.2 Any adverse environmental effects identified by the Proponent with respect to the decommissioning activities identified in condition 10.3.1;</p> <p>10.3.3 A description of the mitigation measures that were implemented by the Proponent to mitigate the adverse environmental effects identified in condition 10.3.2 and the results of any associated monitoring;</p> <p>10.3.4 Any modifications made to the decommissioning plan referred to in condition 10.1; and</p> <p>10.3.5 Consultation undertaken by the Proponent with Aboriginal groups and other relevant parties during the reporting year.</p>	January 1 of year decommissioning commences	March 31 of the year following decommissioning	Decommissioning phase
11.1	The Proponent shall take all reasonable measures to prevent accidents or malfunctions that may result in adverse environmental effects.	November 2018	End of Decommissioning	Measures are included in Environmental Management Plans and Emergency Response Plan.
11.2	The Proponent shall, prior to construction, consult with Aboriginal groups on the measures to be implemented to prevent accidents or malfunctions.	November 2018	End of Decommissioning	Consultation activities are ongoing.
11.3	The Proponent shall, prior to construction, and in consultations with relevant federal and provincial authorities and Aboriginal groups, develop an emergency response plan in relation to the Designated Project.	November 2018	End of Decommissioning	An Emergency Response Plan has been developed, relative to the site works. Consultation activities are ongoing
11.4	<p>In the event of an accident or malfunction with the potential to cause adverse environmental effects, the Proponent shall implement the emergency response plan referred to in condition 11.3 and shall:</p> <p>11.4.1 Notify relevant federal and provincial authorities and Aboriginal groups of the accident or malfunction as soon as possible and, in writing, the Agency;</p> <p>11.4.2 Implement immediate measures to mitigate any adverse environmental effects associated with the accident or malfunction;</p> <p>11.4.3 Submit a written report to the Agency no later than 30 days after the day on which the accident or malfunction took place. The written report shall include:</p> <p>11.4.3.1 A description of the accident of malfunction and of its adverse environmental effects;</p> <p>11.4.3.2 The measures that were taken by the Proponent to mitigate the adverse environmental effects of the accident or malfunction;</p> <p>11.4.3.3 Any views received from relevant federal and provincial authorities and Aboriginal groups with respect to the accident or malfunction, its adverse environmental effects or measures taken by the Proponent to mitigate adverse environmental effects;</p> <p>11.4.3.4 A description of any residual adverse environmental effects, and any additional measures required by the Proponent to mitigate residual adverse environmental effects; and</p> <p>11.4.3.5 Details concerning the implementation of the emergency response plan referred to in condition 11.3;</p>	November 2018	End of Decommissioning	Measures are in the Emergency Response Plan

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No.	Condition	Commencement Date	Completion Date	Status/Notes
11.4.4	Submit a written report to the Agency no later than 90 days after the day on which the accident or malfunction took place, on the changes made to avoid a subsequent occurrence of the accident or malfunction, and on the implementation of any additional measures to mitigate residual adverse environmental effects taking into account the information in the written report submitted pursuant to condition 11.4.3.			
11.5	<p>The Proponent shall develop and implement a communication plan in consultation with Aboriginal groups. The communication plan shall be developed prior to construction and shall be implemented and maintained up to date during all phases of the Designated Project. The plan shall include:</p> <p>11.5.1 The types of accident or malfunctions requiring a notification by the Proponent to the respective Aboriginal groups;</p> <p>11.5.2 The manner by which Aboriginal groups shall be notified by the Proponent of an accident or malfunction and of any opportunities for the Aboriginal groups to assist in the response to the accident or malfunction; and</p> <p>11.5.3 The contact information of the representative of the Proponent that the Aboriginal groups may contact and of the representatives of the respective Aboriginal groups to which the Proponent provides notification.</p>	November 2018	End of Decommissioning	Communications plan are included in Environmental Management Plans and Emergency Response Plans. Consultation activities are ongoing
12.1	The Proponent shall submit an implementation schedule for conditions contained in this Decision Statement to the Agency, or anyone designated pursuant to section 89 of the <i>Canadian Environmental Assessment Act, 2012</i> , at least 30 days prior to the start of construction. The implementation schedule shall indicate the commencement and completion dates for each activity relating to conditions set out in this Decision Statement.	November 2018	Completed	The implementation schedule was provided to the Impact Assessment Agency of Canada (IAAC) (formerly Canadian Environmental Assessment Agency (CEAA)) and Aboriginal Groups in November 2018.
12.2	The Proponent shall submit an update to this implementation schedule in writing to the Agency, or anyone designated pursuant to section 89 of the <i>Canadian Environmental Assessment Act, 2012</i> , every two years on or before March 31, until completion of the activities.	November 2018	End of Decommissioning	This update is being provided consistent with this condition, prior to March 31, 2020 (previously updated November 2018)
12.3	The Proponent shall provide the Agency, or anyone designated pursuant to section 89 of the <i>Canadian Environmental Assessment Act, 2012</i> , with a revised implementation schedule if any material change(s) occur from the initial schedule referred to in condition 12.1 or any subsequent update(s). The implementation of the change. The Proponent shall provide the revised implementation schedule at least 30 days prior to the implementation of the change.	At time of material change	30 days prior to material change in implementation schedule	This update is being provided given the change in implementation schedule.
13.1	<p>The Proponent shall maintain a written record, or a record in an electronic format compatible with that used by the Agency, and retain and make available that record to the Agency, or anyone designated pursuant to section 89 of the <i>Canadian Environmental Assessment Act, 2012</i>, at a facility close to the Designated Project in Canada (local facility). The record shall include information related to the implementation of the conditions set out in this Decision Statement, and the results of all associated monitoring, including:</p> <p>13.1.1 The place, date, and time of any sampling, as well as techniques, methods or procedures used;</p> <p>13.1.2 The dates and the analyses that were performed;</p> <p>13.1.3 The analytical techniques, methods or procedures used in the analyses;</p> <p>13.1.4 The names of the persons who collected and analyzed each sample and documentation of any professional certification(s) relevant to the work performed that they might possess; and</p> <p>13.1.5 The results of the analyses.</p>	November 2018	End of Decommissioning	
13.2	The Proponent shall retain and make available upon demand to the Agency, or anyone designated pursuant to section 89 of the <i>Canadian Environmental Assessment Act, 2012</i> , the information referred to in condition 13.1 at a facility in Canada close to the Designated Project (or at another location within Canada and agreed upon by the Agency, should the local facility no longer be maintained). The information shall be retained and made available throughout construction and operation, and for 25 years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first.	November 2018	End of Decommissioning	