

Woodfibre LNG Project

Increasing Public Access to Compliance and Monitoring Information

The Canadian Environmental Assessment Agency (the Agency) and the British Columbia Environmental Assessment Office (the EAO) will be posting documentation that Woodfibre LNG Limited provides to the Agency and the EAO in regards to meeting the federal and provincial environmental assessment conditions of approval that were issued for the Woodfibre LNG Project. In addition, both the Agency and the EAO will be reporting on the status of compliance with the conditions of approval on a periodic basis using the attached document. When Woodfibre LNG Limited decides to move the Woodfibre LNG Project into the construction phase, further documentation will be made available by the Agency and EAO.

**Woodfibre LNG – Applicable Project Phase and Status
Environmental Assessment Office (EAO) Certificate Conditions and Conditions of CEAA 2012
Decision Statement**

This document is for information purposes only. It is not a substitute for the Decision Statement issued to Woodfibre LNG Limited on March 17, 2016, the *Canadian Environmental Assessment Act, 2012* (CEAA 2012) or its regulations. The Canadian Environmental Assessment Agency accepts no responsibility or liability for any errors, inaccuracies and/or omissions in relation to the document. In the event of an inconsistency between this document and the Decision Statement, the Decision Statement would prevail.

For the most up-to-date versions of CEAA 2012 and regulations, please consult the Department of Justice website.

Condition	Applicable Project Phase	Responsible Authority	Condition Status
Provincial Environmental Assessment Certificate Conditions			
1. Environmental Monitor	<ul style="list-style-type: none"> • All phases 	EAO	
2. Consultation Regarding Management Plans	<ul style="list-style-type: none"> • All phases 	EAO	
3. Satisfaction of Agencies	<ul style="list-style-type: none"> • All phases 	EAO	
4. Development of an Air Quality Mitigation and Monitoring Plan	<ul style="list-style-type: none"> • Construction and Operations 	EAO	

5. Preparation of an Instream Flow Requirements Report	<ul style="list-style-type: none"> • All phases 	EAO	
6. Development of a Marine Water Quality Management Plan for Construction	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
7. Development of a Marine Water Quality Management Plan for Operations	<ul style="list-style-type: none"> • Construction and Operations 	EAO	
8. Development of a Marine Fish and Fish Habitat Management Plan	<ul style="list-style-type: none"> • All phases 	EAO	
9. Development of a Marine Mammal Management Plan	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
10. Development of an Invasive Plant Management Plan	<ul style="list-style-type: none"> • All phases 	EAO	
11. Development of a Wildlife Mitigation and Monitoring Plan for Construction	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
12. Development of Wildlife Mitigation and Monitoring Plan for Operations	<ul style="list-style-type: none"> • Construction and Operations 	EAO	
13. Delivery of Local Economic Opportunities	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
14. Development of a Plan to Adaptively Manage and Monitor Effects on Services and Infrastructure	<ul style="list-style-type: none"> • All phases 	EAO	
15. Development of a Traffic Control Management Plan and Traffic Impact Assessment	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
16. Development of a Marine Traffic Management and Monitoring Plan for	<ul style="list-style-type: none"> • Pre-construction and 	EAO	

Construction	Construction		
17. Development of a Marine Traffic Management and Monitoring Plan for Operations	<ul style="list-style-type: none"> • Construction and Operations 	EAO	
18. Development of a Wake Verification Plan for Operations	<ul style="list-style-type: none"> • Construction and Operations 	EAO	
19. Engagement with Forest Tenure Holders	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
20. Development of a Visual Quality Management Plan	<ul style="list-style-type: none"> • Pre-construction and Construction 	EAO	
21. Development of Environmental Management Plans for Construction and Operations	<ul style="list-style-type: none"> • All phases 	EAO	
22. Aboriginal Consultation	<ul style="list-style-type: none"> • All phases 	EAO	
23. Opportunities for Aboriginal Groups to Participate in Monitoring Activities	<ul style="list-style-type: none"> • All phases 	EAO	
24. Public Consultation	<ul style="list-style-type: none"> • All phases 	EAO	
25. Public Communications – Project Website	<ul style="list-style-type: none"> • All phases 	EAO	
Federal Conditions of CEAA 2012 Decision Statement			
2 General Conditions			
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	<ul style="list-style-type: none"> • All phases 	CEAA	

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.			
2.2 The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement:	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 the consultation; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.2.2 provide sufficient information and a reasonable period of time to permit the party or parties being consulted to prepare their views and information; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.2.3 provide a full and impartial consideration of any views and information presented by the party or parties being consulted; and 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.2.4 advise the party or parties that have provided comments on how the views and information received have been considered by the Proponent. 	<ul style="list-style-type: none"> All phases 	CEAA	

<p>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.</p>	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<p>2.4 The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement:</p>	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 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); 	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 2.4.2 determine whether additional mitigation measures are required based on the monitoring and analysis undertaken pursuant to 	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	

condition 2.4.1; and			
<ul style="list-style-type: none"> 2.4.3 if additional mitigation measures are required pursuant to condition 2.4.2, implement the additional mitigation measures and monitor them pursuant to condition 2.4.1. 	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> All phases 	CEAA	
2.6 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:	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.6.1 the activities undertaken in the reporting year to comply with each of the conditions set out in this Decision Statement; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.6.2 how the Proponent complied with condition 2.1; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	

consultation;			
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 2.6.5 any additional mitigation measures implemented or proposed to be implemented by the Proponent, as determined under condition 2.4. 	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> All phases 	CEAA	
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	<ul style="list-style-type: none"> All phases 	CEAA	

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 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.			
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.	<ul style="list-style-type: none"> All phases 	CEAA	
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).	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> All phases 	CEAA	
3 Fish and fish habitat			
3.1 The Proponent shall conduct in-water construction activities during timing	<ul style="list-style-type: none"> Construction 	CEAA	

<p>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.</p>			
<p>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 of the Designated Project. The mitigation measures shall include:</p>	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.2.1 implementing erosion control measures and sediment control measures during all phases of the Designated Project; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.2.2 revegetating disturbed riparian areas, using native plant species, after construction; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.2.3 using silt control measures around in-water construction activities; and 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.2.4 preventing wet concrete or cement-laden water from entering the marine environment. 	<ul style="list-style-type: none"> • All phases 	CEAA	
<p>3.3 The Proponent shall implement measures to mitigate adverse environmental effects of the Designated</p>	<ul style="list-style-type: none"> • All phases 	CEAA	

Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include:			
<ul style="list-style-type: none"> 3.3.1 isolating instream construction activities in Mill Creek from adjacent streamflow; 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 3.3.2 salvaging and relocating fish during instream construction activities requiring isolation of freshwater fish habitat in Mill Creek; 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 3.3.3 maintaining minimum flow in Mill Creek to support fish and fish habitat; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 3.3.6 implementing low-noise methods or sound dampening technologies to reduce the intensity of the sound generated or the level of sound propagation through the water column if underwater pressure pulse levels exceed 30 	<ul style="list-style-type: none"> Construction 	CEAA	

kilopascals during pile installation.			
3.4 The Proponent shall prevent or avoid the destruction of fish, or any potentially harmful effects to fish habitat, during all phases of the Designated Project when using explosives in or around water frequented by fish.	<ul style="list-style-type: none"> All phases 	CEAA	
3.5 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.	<ul style="list-style-type: none"> All phases 	CEAA	
3.6 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.	<ul style="list-style-type: none"> All phases 	CEAA	
3.7 The Proponent shall design, install and operate any marine discharge diffuser to prevent the deposit of a deleterious substance in water frequented by fish and taking into consideration the Canadian Council of Ministers of the Environment's <i>Water Quality Guidelines for the Protection of Aquatic Life</i> for residual chlorine concentrations and water temperature.	<ul style="list-style-type: none"> All phases 	CEAA	
3.8 The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels	<ul style="list-style-type: none"> Construction 	CEAA	

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:			
<ul style="list-style-type: none"> 3.8.1 identify each construction activity that generates underwater noise levels greater than 160 decibels and the periods of time when each activity occurs; 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 3.8.2 establish the boundary of the marine mammal underwater noise impact area for each construction activity identified in condition 3.8.1 at the distance from the activity at which the underwater noise level is predicted to reach 160 decibels; 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 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 3.8.1; 	<ul style="list-style-type: none"> Construction 	CEAA	
<ul style="list-style-type: none"> 3.8.4 stop or not start the construction activities identified in condition 3.8.1 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 3.8.1 once the marine 	<ul style="list-style-type: none"> Construction 	CEAA	

mammal has moved out of the marine mammal underwater noise impact area; and			
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Construction 	CEAA	
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.	<ul style="list-style-type: none"> Operations 	CEAA	
3.10 The Proponent shall require that LNG vessels and tug operators associated 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.	<ul style="list-style-type: none"> Operations 	CEAA	
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.	<ul style="list-style-type: none"> All phases 	CEAA	
3.12 For any fish habitat offset areas proposed in any offsetting plan(s) under condition 3.11, and prior to submitting the	<ul style="list-style-type: none"> All phases 	CEAA	

offsetting plan to Fisheries and Oceans Canada, the Proponent shall determine whether there are adverse effects:			
<ul style="list-style-type: none"> • 3.12.1 on migratory birds and their habitats; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.12.2 on terrestrial species, including amphibians and reptiles, and their habitats; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.12.3 on listed species at risk and their habitats; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 3.12.4 on the current use of lands and resources for traditional purposes by Aboriginal peoples; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 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 lands and resources for traditional purposes; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • All phases 	CEAA	

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.	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> Pre-construction 	CEAA	
4 Migratory birds			
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> .	<ul style="list-style-type: none"> All phases 	CEAA	
4.2 The Proponent shall:			
<ul style="list-style-type: none"> 4.2.1 restrict flaring to the minimum required during operation, maintenance activities or 	<ul style="list-style-type: none"> Operations 	CEAA	

emergencies to prevent the accumulation of natural gas and protect from overpressure;			
<ul style="list-style-type: none"> 4.2.2 minimize flaring required for operation and maintenance activities during night time and during periods of migratory bird vulnerability; and 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 4.2.3 control operational lighting to avoid attracting migratory birds. 	<ul style="list-style-type: none"> Operations 	CEAA	
4.3 The Proponent shall develop, prior to construction, and implement, during all phases of the Designated Project, a follow-up program 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.	<ul style="list-style-type: none"> All phases 	CEAA	
5 Greenhouse gas emissions			
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.	<ul style="list-style-type: none"> Operation 	CEAA	
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.	<ul style="list-style-type: none"> Operation 	CEAA	
6 Human health			
6.1 The Proponent shall implement noise and air emission reduction measures during	<ul style="list-style-type: none"> All phases 	CEAA	

all phases of the Designated Project to avoid or reduce adverse environmental effects on human health, including:			
<ul style="list-style-type: none"> 6.1.1 complying with the <i>Waste Discharge Regulation</i> under British Columbia's <i>Environmental Management Act</i> for air emissions; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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>. 	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> All phases 	CEAA	
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	<ul style="list-style-type: none"> All phases 	CEAA	

<p>the International Commission on Illumination's <i>CIE 150:2003 Guide on the Limitation of the Effects of Obtrusive Light from Outdoor Lighting Installations</i>, while meeting marine transportation and aviation safety requirements.</p>			
<p>6.4 The Proponent shall monitor water quality and sediment, using as a benchmarks the Canadian Council of Ministers of the Environment's <i>Water Quality Guidelines for the Protection of Aquatic Life</i> and <i>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.</p>	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<p>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 bioavailability and bioaccumulation of contaminants in fish consumed by humans. The follow-up program shall include:</p>	<ul style="list-style-type: none"> • Pre-construction 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 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, 	<ul style="list-style-type: none"> • Pre-construction 	<p>CEAA</p>	

<p>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;</p>			
<ul style="list-style-type: none"> 6.5.2 during marine in-water construction activities, monitoring the re-suspension and bioavailability 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 	<ul style="list-style-type: none"> Pre-construction 	<p>CEAA</p>	
<ul style="list-style-type: none"> 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 6.5.1 or through monitoring referred in condition 6.5.2, conducting 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 	<ul style="list-style-type: none"> Pre-construction 	<p>CEAA</p>	

<p>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>			
<p>7 Current use of lands and resources for traditional purposes and socioeconomic conditions</p>			
<p>7.1 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>	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	

used by LNG vessels associated with the Designated Project in Howe Sound;			
<ul style="list-style-type: none"> 7.1.2 location and timing of traditional activities by Aboriginal groups and of activities by other marine users; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 7.1.3 Designated Project-related safety procedures, such as navigation aids, updated navigational charts and use of escort tugboats; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 7.1.4 areas where navigation may be controlled for safety reasons; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 7.1.5 speed profiles and schedules applicable to the operation of LNG vessels associated with the Designated Project; and 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All phases 	CEAA	
7.2 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	<ul style="list-style-type: none"> Construction Operations 	CEAA	

<p>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>			
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Construction • Operations 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 7.2.2 providing the results of the follow-up program and details of any additional mitigation measures implemented as a result of the 	<ul style="list-style-type: none"> • Construction • Operations 	<p>CEAA</p>	

follow-up program to Aboriginal groups.			
7.3 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 socioeconomic opportunities, subject to safety requirements in the Project area.	<ul style="list-style-type: none"> • Pre-construction 	CEAA	
7.4 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.	<ul style="list-style-type: none"> • Pre-construction 	CEAA	
8 Physical and cultural heritage, and structure, site or thing of historical, archaeological, paleontological or architectural significance			
8.1 The Proponent shall, in consultation with Aboriginal groups, develop, prior to construction, and implement, during all phases 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	<ul style="list-style-type: none"> • All phases 	CEAA	

management plan shall include:			
<ul style="list-style-type: none"> 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 construction; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 or brought to the attention of the Proponent, during construction, by an Aboriginal group or another party. 	<ul style="list-style-type: none"> All phases 	CEAA	
9 Listed species at risk			
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	<ul style="list-style-type: none"> Pre-construction 	CEAA	

with relevant government authorities, buffer zones around active hibernacula and active roosts.			
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.	<ul style="list-style-type: none"> All phases 	CEAA	
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.	<ul style="list-style-type: none"> All Phases 	CEAA	
10 Decommissioning			
10.1 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:	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 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; 	<ul style="list-style-type: none"> Operations 	CEAA	

<ul style="list-style-type: none"> 10.1.2 the components of the Designated Project that will be decommissioned by the Proponent and the components that will not be decommissioned; 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.3 the desired end-state objectives of the Project area; 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.4 the components of the environment that may be adversely affected by decommissioning activities or by components of the Designated Project that will not be decommissioned; 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.5 how the Proponent will mitigate and monitor adverse environmental effects from decommissioning activities; 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.6 how the Proponent will conduct in-water and land-based decommissioning activities (including the location, the scheduling and sequencing of activities); 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.7 the plan for progressive reclamation, if appropriate; and 	<ul style="list-style-type: none"> Operations 	CEAA	
<ul style="list-style-type: none"> 10.1.8 the manner and timing of consultation of Aboriginal groups and other relevant parties throughout the decommissioning phase. 	<ul style="list-style-type: none"> Operations 	CEAA	
10.2 The Proponent shall implement the decommissioning plan referred in condition 10.1.	<ul style="list-style-type: none"> Decommissioning 	CEAA	

<p>10.3 The Proponent shall, from the reporting year in which decommissioning begins until the end of the decommissioning phase or 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>	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	
<ul style="list-style-type: none"> 10.3.1 the decommissioning activities undertaken by the Proponent during the reporting year; 	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	
<ul style="list-style-type: none"> 10.3.2 any adverse environmental effects identified by the Proponent with respect to the decommissioning activities identified in condition 10.3.1; 	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	
<ul style="list-style-type: none"> 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; 	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	
<ul style="list-style-type: none"> 10.3.4 any modifications made to the decommissioning plan referred in condition 10.1; and 	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	
<ul style="list-style-type: none"> 10.3.5 consultation undertaken by the Proponent with Aboriginal 	<ul style="list-style-type: none"> Decommissioning 	<p>CEAA</p>	

groups and other relevant parties during the reporting year.			
11 Accidents or malfunctions			
11.1 The Proponent shall take all reasonable measures to prevent accidents or malfunctions that may result in adverse environmental effects.	<ul style="list-style-type: none"> All phases 	CEAA	
11.2 The Proponent shall, prior to construction, consult with Aboriginal groups on the measures to be implemented to prevent accidents or malfunctions.	<ul style="list-style-type: none"> Pre-construction 	CEAA	
11.3 The Proponent shall, prior to construction and in consultation with relevant federal and provincial authorities and Aboriginal groups, develop an emergency response plan in relation to the Designated Project.	<ul style="list-style-type: none"> Pre-construction 	CEAA	
11.4 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:	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 11.4.2 implement immediate measures to mitigate any adverse environmental effects associated 	<ul style="list-style-type: none"> All phases 	CEAA	

with the accident or malfunction;			
<ul style="list-style-type: none"> • 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: 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> ○ 11.4.3.1 a description of the accident or malfunction and of its adverse environmental effects; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> ○ 11.4.3.2 the measures that were taken by the Proponent to mitigate the adverse environmental effects of the accident or malfunction; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> ○ 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; 	<ul style="list-style-type: none"> • All phases 	CEAA	
<ul style="list-style-type: none"> ○ 11.4.3.4 a description of any residual adverse 	<ul style="list-style-type: none"> • All phases 	CEAA	

<p>environmental effects, and any additional measures required by the Proponent to mitigate residual adverse environmental effects; and</p>			
<ul style="list-style-type: none"> ○ 11.4.3.5 details concerning the implementation of the emergency response plan referred to in condition 11.3; 	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<ul style="list-style-type: none"> • 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. 	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	
<p>11.5 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.</p>	<ul style="list-style-type: none"> • All phases 	<p>CEAA</p>	

The plan shall include:			
<ul style="list-style-type: none"> 11.5.1 the types of accidents or malfunctions requiring a notification by the Proponent to the respective Aboriginal groups; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 11.5.3 the contact information of the representatives of the Proponent that the Aboriginal groups may contact and of the representatives of the respective Aboriginal groups to which the Proponent provides notification. 	<ul style="list-style-type: none"> All phases 	CEAA	
12 Implementation schedule			
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.	<ul style="list-style-type: none"> Pre-construction 	CEAA	
12.2 The Proponent shall submit an update to this implementation schedule in writing	<ul style="list-style-type: none"> All phases 	CEAA	

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.			
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 Proponent shall provide the revised implementation schedule at least 30 days prior to the implementation of the change.	<ul style="list-style-type: none"> All phases 	CEAA	
13 Record keeping			
13.1 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:	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 13.1.1 the place, date and time of any sampling, as well as techniques, methods or procedures 	<ul style="list-style-type: none"> All phases 	CEAA	

used;			
<ul style="list-style-type: none"> 13.1.2 the dates and the analyses that were performed; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 13.1.3 the analytical techniques, methods or procedures used in the analyses; 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> All phases 	CEAA	
<ul style="list-style-type: none"> 13.1.5 the results of the analyses. 	<ul style="list-style-type: none"> All phases 	CEAA	
<p>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</p>	<ul style="list-style-type: none"> All phases 	CEAA	

Project, whichever comes first.			
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