

LNG Canada Development Inc.

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June 14, 2021

Submitted electronically to: iaac.compliance-conformite.aeic@canada.ca

Impact Assessment Agency of Canada
22nd Floor, Place Bell
160 Elgin Street, Ottawa
ON K1A 0H3, Canada

To Whom It May Concern,

Re: LNG Canada Development Inc. (“LNG Canada”) Export Terminal Project, Decision Statement, Issued under Section 54 of the Canadian Environmental Assessment Act, 2012 - Condition #11.2 Revised Implementation Schedule

In accordance with Impact Assessment Agency of Canada (IAAC) Decision Statement Condition 11.2:

“The Proponent shall submit an update to this implementation schedule in writing to the Agency, or anyone designated pursuant to section 89 of the Canadian Environmental Assessment Act, 2012, every two years on or before June 30, until completion of the activities.”

Please find attached an updated implementation schedule as outlined above. We trust you will find the attached satisfactory. If you have any questions or concerns, please do not hesitate to contact the undersigned.

Yours sincerely,



Erin Furlong
Environmental Compliance Lead
LNG Canada Development Inc.

LNG Canada Export Terminal Project: Implementation Schedule Update June 2021

CEAA #	Condition	Commence Date	Completion Date	Relevant 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 informed by the best available information and knowledge, are based on validated methods and models, are undertaken by qualified individuals, and have applied the best available economically and technologically feasible strategies.	1-Aug-14	End of all Project phases	<ul style="list-style-type: none"> Condition is understood and has applied to engineering design and will continue to apply to all phases of the Project
2.2	2.2 The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement: 2.2.1: provide written notice of the opportunity for the party or parties to present their views on the subject of the consultation; 2.2.2: provide sufficient information and a reasonable period of time to permit the party or parties to prepare their views; 2.2.3: provide a full and impartial consideration of any views presented; and 2.2.4: advise the party or parties that have provided comments on how the views and information received have been considered.	17-Jun-15	End of all Project phases	<ul style="list-style-type: none"> LNG Canada has continued to consult with stakeholders and Indigenous Groups on conditions and related topics since the Decision Statement was issued by CEAA, as per the LNG Canada Aboriginal Consultation Plan(s).
2.3	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 the initiation of consultation, communicate with each Aboriginal group on the most appropriate manner in which to satisfy the consultation requirements referred to in condition 2.2.	17-Jun-15	End of all Project phases	<ul style="list-style-type: none"> LNG Canada sent letter to Indigenous Groups on September 15, 2015 to confirm consultation approach along with this Implementation Schedule LNG Canada continues to consult as per the Aboriginal Consultation Plan(s)
2.4	2.4: The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement: 2.4.1: undertake monitoring and analysis to verify the accuracy of the environmental assessment as it pertains to the condition and/or to determine the effectiveness of any mitigation measure(s); 2.4.2: where the results of the monitoring and analysis indicate issues with respect to the accuracy of the environmental assessment or the effectiveness of any mitigation measures that may lead to adverse environmental effects, identify the means by which it will determine whether additional mitigation measures are required, including the need for consultation with other parties in reaching that determination; and 2.4.3: implement additional mitigation measures, as appropriate.	17-Jun-15	End of all Project phases	<ul style="list-style-type: none"> Environmental Management Plans (EMPs) have been developed as required by Environmental Assessment Certificate (EAC) conditions EMPs outline the requirements for monitoring and implementation of mitigations EMPs allow for adaptive management to ensure mitigations where required are changed or amended to manage the identified impact Project monitoring programs will verify the accuracy of the environmental assessment and describe the process for mitigating any additional effects identified during monitoring
2.5	2.5: The Proponent shall, from the reporting year where construction starts, submit to the Agency an annual report, including an executive summary of the annual report in both official languages. The annual report is to be submitted by the Proponent no later than June 30 following the reporting year. The Proponent shall document in the report: 2.5.1: implementation activities undertaken in the reporting year for each of the conditions; 2.5.2: how it has considered and incorporated the factors set out in condition 2.1 in the implementation of the conditions set out in this Decision Statement; 2.5.3: for conditions set out in this Decision Statement for which consultation is a requirement, how it has considered any views and information received during or as a result of the consultation; 2.5.4: the results of the follow-up program requirements identified in conditions 3.14 , 4.2.4, 4.5, 5.3, 6.3.6 and 7.2; and 2.5.5: any additional mitigation measures implemented or proposed to be implemented, as determined under condition 2.4.	1-Jan-16	End of all Project phases	<p>Condition is understood and is relevant for duration of project.</p> <ul style="list-style-type: none"> 2015 -2016 report submitted in June 2016 2016 - 2017 report submitted in June 2017 2017 – 2018 report submitted June 2018 2018 - 2019 report submitted June 2019 2019 – 2020 report submitted June 2020 2020 – 2021 report to be submitted by June 30, 2021

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2.6	The Proponent shall publish on the Internet, or any similar medium, the annual report, the executive summary referred to in condition 2.5, the Wetland Compensation Plan referred to in condition 4.3, the plan 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 9.1, and the implementation schedule referred to in condition 11, following submission of these documents to the parties referenced in the respective conditions. The Proponent shall keep these documents publicly available for twenty-five years following the end of operation or until the end of decommissioning of the Designated Project, whichever comes first.	15-Oct-15	12 months prior to start of decommissioning	<ul style="list-style-type: none"> Documents are published on the LNG Canada website as they are approved (www.lngcanada.ca)
2.7	The Proponent shall notify the Agency 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.	As required	End of all Project phases	<ul style="list-style-type: none"> Condition is understood and is relevant for duration of project
2.8	In the event that there is a transfer of ownership, care, control or management of the Designated Project from LNG Canada Development Inc. to another party, that party becomes the Proponent of the Designated Project and is bound by the conditions found in this Decision Statement.	As required	End of all Project phases	<ul style="list-style-type: none"> Condition is understood and is relevant for duration of project
3.1	The Proponent shall implement erosion control measures and sediment control measures during all phases of the Designated Project.	15-Oct-15	End of all Project phases	<ul style="list-style-type: none"> Condition requirements are outlined in the Construction Environmental Management Plan (CEMP) and related sub-plans and verified during monitoring and inspection processes
3.2	The Proponent shall revegetate disturbed riparian areas, using native vegetation, as soon as practicable after construction.	15-Oct-15	End of all Project phases	<ul style="list-style-type: none"> Condition requirements are reflected in Vegetation Management Plan and verified during monitoring and inspection processes
3.3	The Proponent shall isolate construction activities from adjacent freshwater fish habitat.	15-Oct-15	End of Project construction	<ul style="list-style-type: none"> Condition requirements are reflected in the Fish Habitat Management Plan and verified during monitoring and inspection processes
3.4	The Proponent shall salvage and relocate fish during in-water work requiring isolation of freshwater fish habitat.	15-Oct-15	End of Project construction	<ul style="list-style-type: none"> Condition requirements are reflected in the Fish Habitat Management Plan and related permits, including Fisheries Act Authorizations (FAA) and fish salvage permits, and verified during monitoring and inspection processes
3.5	The Proponent shall design the water intake for the Designated Project to avoid or reduce injury to and mortality of fish, including the risk of entrainment of eulachon larvae. The Proponent shall install the water intake that is so designed and shall monitor the operation of that intake to determine whether or not injury to and mortality of fish is avoided or reduced. Based on the monitoring results, the Proponent shall, as appropriate, modify the water intake or implement other measures to avoid or reduce injury to and mortality of fish.	15-Jul-14	End of Project operations	<ul style="list-style-type: none"> Condition is considered and addressed in the engineering design for the water intake
3.6	The Proponent shall apply low-noise methods or sound dampening technologies to reduce adverse effects to fish from exposure to underwater noise during pile installation. In doing so, the Proponent shall: 3.6.1 minimize impulsive noise emitted by construction activities, including by giving preference to the use of vibratory pile-driving over impact pile-driving unless not technically feasible; 3.6.2 report annually the occurrence(s) when impact pile-driving was implemented including a description of why vibratory pile driving was not technically-feasible; and 3.6.3 use sound attenuation device(s) when impact pile-driving underwater.	30-Mar-18	End of Project construction (marine)	<ul style="list-style-type: none"> Condition requirements and mitigations are included in the Marine Activities Plan (MAP), and Marine Monitoring Plan (MMP). Decision Statement Amendment received on April 6, 2021 clarifying underwater acoustic limits for cetaceans and pinnipeds, no management plan updates were required but revised conditions identified in the amendment have been communicated across the Project
3.7	The Proponent shall, prior to the start of in-water construction activities; establish the location and timing of sensitive life stages and habitat occupancy for fish (including marine mammals) in consultation with Fisheries and Oceans Canada and Aboriginal groups; advise the Agency of that information; and shall conduct in-water	15-Oct-15	End of construction phase	<ul style="list-style-type: none"> Condition requirements are included in the CEMP, for freshwater construction

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	construction activities during the timing windows of least risk to those life stages and habitat occupancy, unless otherwise authorized by Fisheries and Oceans Canada.			<ul style="list-style-type: none"> Condition requirements are included in the MAP and Dredge Environmental Management Plan (DEMP) for marine in-water construction
3.8	When conducting in-water construction activities outside the timing windows of least risk referred to in condition 3.7, the Proponent shall implement additional mitigation measures following consultation with Fisheries and Oceans Canada, including sediment containment when dredging and using sediment disposal methods and equipment that will limit re-suspension of sediments.	15-Oct-15	End of construction phase	<ul style="list-style-type: none"> Condition requirements and mitigations for performing work outside of timing windows are outlined in Project EMPs, including the CEMP and MAP related plans Further requirements for timing windows and mitigations are detailed in the applicable FAAs approved by DFO for the Project
3.9	<p>To avoid detrimental behavioural change in or injury to marine mammals, the Proponent shall implement a marine mammal detection and response plan during all construction activities that pose a risk to marine mammals. In doing so, the Proponent shall:</p> <p>3.9.1 identify the construction activities that generate underwater noise levels greater than 160 and 180 decibels at a reference pressure of one micropascal and the periods of time when those activities will occur;</p> <p>3.9.2 for cetaceans, establish the boundary of the exclusion zone for each construction activity identified in condition 3.9.1 at the distance from the activity that the underwater noise level reaches 160 decibels;</p> <p>3.9.3 for all other marine mammals, including pinnipeds, establish the boundary of the exclusion zone for each construction activity identified in condition 3.9.1 at the distance from the activity that the underwater noise level reaches 180 decibels or at a distance of 150 meters, whichever is the greatest distance;</p> <p>3.9.4 employ a marine mammal observer and specify the role of that person in observing and reporting marine mammals in the exclusion zone during construction activities identified in conditions 3.9.2 and 3.9.3 during construction activities identified in condition 3.9.1;</p> <p>3.9.5 stop construction activities identified in condition 3.9.1 if marine mammals are observed within the exclusion zone(s) or reasonably appear to be about to enter the exclusion zone(s) identified in condition 3.9.2 and 3.9.3;</p> <p>3.9.6 start or restart activities only once it has been visually confirmed that the marine mammal(s) are no longer within the exclusion zone(s) or if a minimum of 30 minutes has elapsed since the marine mammal was last sighted within the exclusion zone(s); and</p> <p>3.9.7 specify mitigation measures, such as sound dampening technology and soft-start procedures to reduce construction noise levels in the exclusion zone.</p>	01 Sep-18	End of Project construction (marine)	<ul style="list-style-type: none"> Condition requirements and mitigations for marine mammal monitoring, underwater acoustic monitoring and exclusion zone applicability are outlined in the MMP Decision Statement Amendment received on April 6, 2021 clarifying underwater acoustic limits for cetaceans and pinnipeds, no management plan updates were required but revised conditions identified in the amendment have been communicated across the Project
3.10	LNG carriers associated with the Designated Project shall 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 carriers and marine mammals and shall report any collision with marine mammals to Fisheries and Oceans Canada, and notify Aboriginal groups.	On or about 2021	End of Project operations	<ul style="list-style-type: none"> Requirements will be included in Operations EMPs, such as the Marine Access Traffic Management Plan (Operations)
3.11	The Proponent shall mitigate impacts to fish and fish habitat and, in consultation with Fisheries and Oceans Canada, develop and implement a plan to offset the loss of fish and fish habitat associated with the carrying out of the Designated Project.	25-Jun-14	COMPLETE	<ul style="list-style-type: none"> Fisheries offset plans are in place for the marine FAA, FAA1, (Workplace Accommodation Centre), FAA2 (LNG Processing Facility) and FAA3 (Supporting Infrastructure)

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3.12	For any fish habitat offsets area proposed in any offsetting plan 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: 3.12.1 on migratory birds and their habitats; 3.12.2 on terrestrial species, including amphibians and reptiles, and their habitats; 3.12.3 on species at risk and their habitat; 3.12.4 on the current use of lands and resources for traditional purposes by Aboriginal peoples; 3.12.5 on navigation; and 3.12.6 from potential sources of contamination including polycyclic aromatic hydrocarbons, dioxins, furans, copper and zinc on the receiving environment.	5-Aug-15	COMPLETE	<ul style="list-style-type: none"> Memorandum entitled "CEAA Decision Statement for the LNG Canada Export Terminal Project, Conditions 3.12 and 3.13: Adverse Effects associated with Fish Habitat Offsetting, Revision 2 (July 4, 2018) summarizes assessment of adverse effects for all LNG Canada Fisheries Act Authorizations and related offsetting plans.
3.13	The Proponent shall, if there are adverse effects on any of the elements of condition 3.12, avoid or lessen those adverse effects.	5-Aug-15	End of Project construction (offsets)	<ul style="list-style-type: none"> Memorandum entitled "CEAA Decision Statement for the LNG Canada Export Terminal Project, Conditions 3.12 and 3.13: Adverse Effects associated with Fish Habitat Offsetting, Revision 2 (July 4, 2018) summarizes assessment of adverse effects for all LNG Canada Fisheries Act Authorizations and related offsetting plans. EMPs outline adaptive management approach to mitigations to avoid or lessen adverse effects
3.14	In consultation with Fisheries and Oceans Canada and Aboriginal groups, the Proponent shall develop and implement a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures identified under conditions 3.1 to 3.11 and 3.13.	15-Oct-15	End of all Project phases	<ul style="list-style-type: none"> LNG Canada consulted on the development and implementation of all required EMPs as per the EAC LNG Canada is committed to ongoing engagement on implementation Project monitoring programs verify the accuracy of the environmental assessment and describe the process for mitigating any additional effects identified during the monitoring
3.15	The Proponent shall participate in regional initiatives relating to cumulative effects monitoring and the management of marine shipping, should there be any such initiatives during the construction and operation phases of the Designated Project.	15-Oct-15	End of all Project phases	<ul style="list-style-type: none"> LNG Canada will participate in regional initiatives as opportunities become available
4.1	The Proponent shall mitigate the adverse environmental effects of the Designated Project on wetland functions that support migratory birds, species at risk or the current use of lands and resources for traditional purposes by Aboriginal people. The Proponent shall give preference to avoiding the loss of wetlands over minimizing the adverse effects on wetlands and for managing the effects on wetlands over compensating for lost or adversely affected wetlands.	15-Oct-15	End of Project construction	<ul style="list-style-type: none"> Mitigation requirements related to wetland protection, species at risk, lands and resources for traditional purposes and other environmental aspects are addressed in Project EMPs Wetland Compensation Plan reflects the hierarchy of avoidance and related compensation
4.2	To avoid loss of wetlands or to manage adverse effects on wetlands impacted by the Designated Project footprint and adverse effects on wetland function on and for those wetlands adjacent to the Designated Project footprint, the Proponent shall: 4.2.1 delineate clearing boundaries prior to the commencement of construction and respect those boundaries during construction; 4.2.2 maintain, where practicable, tidal flow and wildlife passage in the LNG loading line corridor between the LNG processing and storage site and the marine terminal; 4.2.3 manage surface water and avoid erosion or sedimentation to maintain hydrology of adjacent wetlands and	15-Oct-15	End of Project construction	<ul style="list-style-type: none"> Mitigation requirements for protection of wetlands are outlined in Project EMPs Project environmental monitoring programs will detect potential unanticipated loss of wetland functions and allow for additional / amended mitigations to be implemented

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	protect water quality; and 4.2.4 conduct follow-up monitoring prior to and during construction to detect potential unanticipated loss of wetland functions and implement adjustments to mitigate loss of those wetland functions.			
4.3	For effects on ecologically important wetlands that cannot be avoided or minimized, mitigation measures shall be set out in a Wetland Compensation Plan that shall be prepared by the Proponent in consultation with Aboriginal groups. The mitigation measures to be set out in the Wetland Compensation Plan shall include: 4.3.1 implementing a 2:1 ratio of compensation area to the loss of ecologically important wetland area; 4.3.2 identifying sites to compensate for the lost wetlands referred to in 4.3.1, that are as close to Kitimat as possible and that reflect similar wetland types and functions to those that are lost; 4.3.3 a preference for wetland restoration over enhancement, and wetland enhancement over creation; and 4.3.4 whenever possible, using traditional plants in the enhancement or creation of the compensation sites referred to in 4.3.2 and providing access to those sites to Aboriginal people for the purposes of gathering traditional use plants.	27-Jul-15	COMPLETE	<ul style="list-style-type: none"> LNG Canada Wetland Compensation Plan (WCP) is in place and approved by EAO as per Condition 10 of the Environmental Assessment Certificate (EAC) The WCP will be updated as required in accordance with the EAC
4.4	The Proponent shall implement the wetland compensation plan within five years of the date of the start of construction.	Oct-15	End of Project construction	<ul style="list-style-type: none"> Implementation of the WCP is underway in accordance with construction timing
4.5	The Proponent shall implement a follow-up program to verify that the compensation wetland sites are fulfilling the functions of the wetlands they are replacing and shall implement corrective actions in respect of the compensation wetlands if the latter do not fulfill those functions. The follow-up program shall include monitoring of the compensatory wetland sites to verify that lost habitat is being restored at or on those sites, in year one, and in years three, five, and ten following the enhancement or creation of the compensating wetlands.	2019	2032	<ul style="list-style-type: none"> Follow-up program for the WCP commenced in 2019 and will continue annually until 10-year monitoring program is completed for each offset
5.1	The Proponent shall carry out all phases of the Designated Project in a manner that protects and avoids harming, killing or disturbing migratory birds or destroying or taking their nests or eggs. In this regard, the Proponent shall take into account Environment Canada's Avoidance Guidelines. The Proponent's actions in applying the Avoidance Guidelines shall be in compliance with the Migratory Birds Convention Act, 1994 and with the Species at Risk Act.	15-Oct-15	End of Project construction	<ul style="list-style-type: none"> Wildlife Management Plan includes mitigations and requirements and takes into account Environment and Climate Change Canada's Avoidance Guidelines
5.2	The Proponent shall: 5.2.1: restrict flaring of vented emissions to the minimum required for maintenance activities or to manage emergencies; 5.2.2: minimize flaring during night time and during periods of bird vulnerability; and 5.2.3: adjust operational lighting to avoid attracting migratory birds.	2023	End of Project operations	<ul style="list-style-type: none"> LNG Canada is committed to managing flaring to avoid impacts to environment and the public Flare management has been considered in engineering design A Flaring Management Report is currently being developed as part of the BC Oil and Gas Commission (OGC) Facility Permit.
5.3	The Proponent shall develop and implement a follow-up program to determine the effectiveness of the mitigation measures used to avoid harm to migratory birds, their eggs and nests during all phases of the Designated Project.	4-Oct-15	End of Project construction	<ul style="list-style-type: none"> Wildlife Management Plan outlines requirements and mitigations, including follow-up programs to determine effectiveness of mitigation measures
6.1	The Proponent shall incorporate noise and air emission reduction measures in the design of the Designated Project, and implement noise and air emission reduction measures during all phases of the Designated Project to avoid or reduce potential effects on human health, including: 6.1.1. complying with the Waste Discharge Regulation under British Columbia's Environmental Management Act for operational air emissions; 6.1.2. applying best management practices and guidance for construction noise from the British Columbia Oil and Gas Commission's Noise Control Best Practices Guidelines; and	01-Jun-2019	End of all Project phases	<ul style="list-style-type: none"> Mitigation requirements for construction noise are addressed in the Noise Management Plan Operational emissions and noise will be addressed in design, in Operations-specific EMPs and future waste discharge authorizations (to be issued by OGC).

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	6.1.3. complying with the operational noise requirement of the British Columbia Oil and Gas Commission's Liquefied Natural Gas Facility Regulation.			<ul style="list-style-type: none"> In consultation with OGC, noise and air emissions have been considered in engineering design and requirements are reflected in the OGC Facility Permit
6.2	The Proponent shall develop and implement a mechanism for receiving noise complaints, in consultation with Aboriginal groups and other parties who may be adversely affected by the noise caused by the Designated Project and during all phases of the Designated Project, and respond in a timely manner to any noise complaint received.	17-Jun-15	End of all Project phases	<ul style="list-style-type: none"> LNG Canada and its EPC Contractor JGC Fluor (JFJV) have developed and implemented Community Feedback and Grievance Procedures
6.3	<p>The Proponent shall implement measures related to marine water quality and sediment quality, including:</p> <p>6.3.1: prior to the commencement of dredging, establishing a shellfish and groundfish tissue baseline and using it to complete a human health risk assessment for the consumption of fish;</p> <p>6.3.2: conducting an assessment of the risks and potential duration of any exceedances of Canadian Council of Ministers of the Environment's Water Quality and Interim Sediment Quality Guidelines, and British Columbia's Water Quality Guidelines and Working Sediment Quality Guidelines that could occur during dredging and other in-water construction activities, and identify mitigation measures to avoid such exceedances;</p> <p>6.3.3: implementing mitigation measures to minimize sediment dispersion during in-water construction activities, including isolation methods;</p> <p>6.3.4: conducting onsite sediment and water quality monitoring in relation to the re-suspension and bioavailability of polycyclic aromatic hydrocarbons, dioxins and furans during in-water construction activities;</p> <p>6.3.5: communicating any exceedances of the Canadian Council of Ministers of the Environment's Water Quality and Interim Sediment Quality Guidelines, and British Columbia's Water Quality Guidelines and Working Sediment Quality Guidelines to regulatory authorities in accordance with legislative requirements and to Aboriginal groups, and implementing mitigation measures identified in condition 6.3.2 to remedy those exceedances or to reduce associated risks to human health; and</p> <p>6.3.6: developing and implementing a post-dredging follow-up program, in consultation with Aboriginal groups, to confirm the human health risk assessment predictions, including additional sampling of the shellfish and groundfish tissue to confirm the assessment predictions regarding the bioavailability and bioaccumulation of contaminants in fish consumed by humans. The Proponent shall communicate the results of the follow-up program to Aboriginal groups.</p>	<p>6.3.1.May 2015</p> <p>6.3.2.Mar 2015</p> <p>6.3.3.-6.3.6.- 01-Sep-18</p>	End of Marine construction phase (marine)	<ul style="list-style-type: none"> Baseline shellfish and groundfish tissue assessment was completed in May 2015, additional sampling prior to Dredge Season 1 (September 2018) Marine Water Quality Risk Assessment is included in LNG Canada Marine Monitoring Plan (MMP) Mitigation measures for sediment dispersion, monitoring for sediment and water quality, and reporting guideline exceedances and post-dredge monitoring are outlined in the MAP, DEMP and MMP.
6.4	The Proponent shall, during operation, treat any effluent discharge from the facility marine outfall pipe to meet subsection 36(3) of the Fisheries Act and British Columbia's Water Quality Guidelines for the protection of marine life measured at the edge of the initial dilution zone.	2022/2023	End of Project operations	<ul style="list-style-type: none"> Mitigation requirements will be addressed in Operations EMPs and related operational procedures. Facility marine outfall also addressed through the future waste discharge authorizations (to be issued by OGC).

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7.1	<p>7.1: The Proponent shall develop and implement, in consultation with Aboriginal groups, a communication protocol for all phases of the Designated Project. The communication protocol shall include procedures and practices for sharing information and facilitating communication between the Proponent and the Aboriginal groups and other local marine users on the following:</p> <p>7.1.1: location and timing of Designated Project-related construction activities;</p> <p>7.1.2: location and timing of traditional activities by Aboriginal groups;</p> <p>7.1.3: safety procedures, such as navigation aids and updated navigational charts;</p> <p>7.1.4: location of areas where navigation is restricted for safety reasons;</p> <p>7.1.5: operational speed requirements under the Canada Shipping Act, 2001 or its regulations, and general schedules of the operation of LNG carriers associated with the Designated Project; and</p> <p>7.1.6: ways in which to provide feedback to the Proponent on adverse effects related to navigation experienced by Aboriginal groups and other local marine users.</p>	31-Mar-18	End of all Project phases	<ul style="list-style-type: none"> The Marine Communications Protocol is included in the Marine Access Traffic Management Plan (MATMP)
7.2	<p>7.2: The Proponent shall develop and implement, in consultation with Aboriginal groups, 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 the Designated Project on the current use of lands and resources for traditional purposes by Aboriginal groups. The follow-up program shall include:</p> <p>7.2.1: monitoring during the first two years of operation of the degree of wake generation by Designated Project-related vessels and of any adverse effects on harvesters caused by vessel wake attributable to Designated Project-related vessels at key harvest sites and during key harvest periods identified in consultation with Aboriginal groups; and</p> <p>7.2.3: providing the results of the follow-up program and any corrective actions taken to Aboriginal groups.</p>	Late 2021	To be Determined	<ul style="list-style-type: none"> Wake Verification Plan for operations will commence planning and development in late 2021 in accordance with Condition 18 of the EAC Completion date for the condition will be determined through development of the Wake Verification Plan, once finalized
7.3	The Proponent shall provide Aboriginal groups with the implementation schedule, updates or revisions to the implementation schedule pursuant to condition 11 at the same time these documents are provided to the Agency.	15-Sep-15	End of all phases of Project	<ul style="list-style-type: none"> Implementation Schedule updates are provided to Indigenous Groups at the same time they are provided to IAAC <ul style="list-style-type: none"> September 15, 2015 April 20, 2016 December 2, 2016 June 26, 2017 July 4, 2018 June 28, 2019 June 14, 2021
8.1	<p>The Proponent shall, in consultation with Aboriginal groups and local historical societies, develop and implement an Archaeological and Heritage Resources Management Plan for the Designated Project prior to construction. The Archaeological and Heritage Resources Management Plan shall take into account British Columbia's Handbook for the Identification and Recording of Culturally Modified Trees. The Archaeological and Heritage Resources Management Plan shall include:</p> <p>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;</p> <p>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 these resources; and</p> <p>a Chance Find Protocol if a previously unidentified structure, site or thing of historical, archaeological,</p>	10-Jun-15	End of all Project phases	<ul style="list-style-type: none"> Requirements and mitigations are included in the Archaeological and Heritage Resources Management Plan

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	paleontological or architectural significance (including Culturally Modified Trees) is discovered by the Proponent or brought to the attention of the Proponent by an Aboriginal group or another party during construction.			
9.1	The Proponent shall develop and submit to the Agency a Decommissioning Plan at least one year prior to the end of operation, consistent with any statutory or regulatory requirements in effect at that time. The Decommissioning Plan shall include a description of: any consultation undertaken during the development of the Decommissioning Plan, including any issues raised by Aboriginal groups and other parties and how they were resolved by the Proponent; the components of the Designated Project that will be decommissioned by the Proponent; the desired end-state objectives of the areas that will be decommissioned by the Proponent and those that will not be decommissioned; the components of the environment that may be adversely affected by decommissioning activities or by components of the Designated Project that continue in their state at the end of operation;	On or about 2045	On or about 2045	<ul style="list-style-type: none"> LNG Canada will develop the required Decommissioning Plan as specified in the condition
10.1	The Proponent shall take all reasonable measures to prevent accidents and malfunctions that may result in adverse environmental effects and shall implement the emergency response procedures and contingencies developed in relation to the Designated Project.	15-Oct-15	End of all phases of Project	<ul style="list-style-type: none"> LNG Canada Incident Management processes and procedures are in place to manage accidents, malfunctions and emergencies The LNG Canada Strategy for Communicating Accidents and Malfunctions outlines the notification criteria and strategy in the event of an accident or malfunction
10.2	In the event of an accident or malfunction with the potential to cause adverse environmental effects, the Proponent shall: 10.2.1 notify relevant federal and provincial authorities, including the Agency of the occurrence as soon as possible; 10.2.2 implement measures to minimize any adverse environmental effects associated with the occurrence as soon as possible; 10.2.3 submit a written report to the Agency as soon as possible in the circumstances, but at the latest 30 days after the day on which the accident or malfunction took place. The written report must include: 10.2.3 the measures that were taken to mitigate the effects of the occurrence; 10.2.3 a description of any residual environmental effects, and any additional measures required to address residual environmental effects; and 10.2.3 if an emergency response plan was implemented, details concerning its implementation. 10.2.4 as soon as possible, but no later than 90 days after the day on which the accident or malfunction took place, submit a written report to the Agency on the changes made to avoid a subsequent occurrence of the accident or malfunction.	As required – Sept 15, 2015	End of all Project phases	<ul style="list-style-type: none"> Requirements for notification and reporting to regulatory agencies are included in the LNG Canada emergency management processes and procedures
10.3	The Proponent shall prepare and implement a communication strategy in consultation with Aboriginal groups that shall include: 10.3.1 the types of accident or malfunction requiring a notification to the respective Aboriginal groups; 10.3.2 the manner by which Aboriginal groups shall be notified of an accident or malfunction and of any opportunities to assist in the response; and 10.3.3 points of contact for the Proponent and for the respective Aboriginal groups.	15-Oct-15	End of all Project phases	<ul style="list-style-type: none"> The LNG Canada Strategy for Communicating Accidents and Malfunctions outlines the notification criteria and strategy in the event of an accident or malfunction
11.1	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 Canadian Environmental Assessment Act, 2012,	15-Sep-15	COMPLETE 15-Sep-15	<ul style="list-style-type: none"> Letter sent 15 September 2015 to CEAA, entitled LNG Canada Development Inc. (“LNG Canada”) Export Terminal Project, Decision Statement, Issued under Section 54 of the Canadian

LNG Canada Export Terminal Project: Implementation Schedule – June 2021 Update

CEAA #	Condition	Commence Date	Completion Date	Relevant Notes
	at least 30 days prior to construction. The implementation schedule shall indicate the commencement and completion dates for each activity relating to conditions set out in this Decision Statement.			Environmental Assessment Act, 2012 - Condition #11.1 Implementation Schedule
11.2	The Proponent shall submit an update to this implementation schedule in writing to the Agency, or anyone designated pursuant to section 89 of the Canadian Environmental Assessment Act, 2012, every two years on or before June 30, until completion of the activities.	2017	End of all Project phases	<ul style="list-style-type: none"> • First 2-year cycle update submitted June 30 2017 • Second 2-year cycle updated submitted June 28, 2019 • Third 2-year cycle update submitted June 14, 2021.
11.3	The Proponent shall provide the Agency, or anyone designated pursuant to section 89 of the Canadian Environmental Assessment Act, 2012, with a revised implementation schedule if any change occurs from the initial schedule or any subsequent updates. The Proponent shall provide the revised implementation schedule at least 30 days prior to the implementation of the change.	As required	End of all phases of Project	<ul style="list-style-type: none"> • Updated Implementation Schedules submitted: <ul style="list-style-type: none"> ○ September 15, 2015 ○ April 20, 2016 ○ December 2, 2016 ○ June 26, 2017 ○ July 4, 2018 ○ June 28, 2019 ○ June 14, 2021
12	<p>12.1 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 Canadian Environmental Assessment Act, 2012, at a facility close to the Designated Project (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 monitoring, including:</p> <p>12.1.1 the place, date and time of any sampling, as well as techniques, methods or procedures used;</p> <p>12.1.2 the dates and the analyses that were performed;</p> <p>12.1.3 the analytical techniques, methods or procedures used in the analyses;</p> <p>12.1.4 the names of the persons who collected and analyzed each sample and documentation of any professional certifications relevant to the work performed that they might possess; and</p> <p>12.1.5 the results of the analyses.</p>	1-Aug-15	End of all phases of Project	<ul style="list-style-type: none"> • Records are maintained and readily available