



Woodfibre
LNG

Federal Decision Statement

Annual Report

2019

Prepared for: Impact Assessment Agency of Canada

Date | 17 April 2020

Woodfibre LNG Limited (Woodfibre LNG) is proposing to build and operate a Liquefied Natural Gas (LNG) processing facility, with marine storage and off-loading infrastructure (the Project), approximately seven kilometers southwest of Squamish, British Columbia (BC). The Project is located on the site of the former Woodfibre Pulp and Paper Mill; historically the Skwxwú7mesh Úxwumixw (Squamish Nation) village of Swiyat was found at this location. The land is a fee simple, industrially zoned, brownfield site with more than 100 years of industrial use and deep-water marine access.

The Project was subject to environmental assessment processes administered by the Province of British Columbia, Skwxwú7mesh Úxwumixw and Canada and in 2015 and 2016 received environmental assessment approvals from these three levels of government. On March 17, 2016 the Canadian Environmental Assessment Agency (now the Impact Assessment Agency of Canada) issued the Project a Federal Decision Statement (FDS) as part of a substituted process under the Canadian Environmental Assessment Act, 2012 (SC 2012, c. 19, s. 52). This same was re-issued on March 18, 2017 to account for material changes to the Certified Project Description (CPD). This report has been prepared pursuant to Condition 2.6 of the FDS to report on the implementation of conditions that were applicable to the scope of Project activities having occurred during the 2019 calendar year.

On-site remediation and clean-up activities in 2019 were related to the removal of historical infrastructure associated with the Woodfibre Pulp and Paper Mill and ongoing remediation and monitoring of historical soil and groundwater contamination. The 2019 scope included activities in the marine environment (such as removal of old wharfs, docks, and warehouses) and on-shore (such as the break-up, segregation, and management of rebar reinforced, concrete foundations).

Follow-up monitoring programs for fish and fish habitat, migratory birds, impacts to human health, the effects of vessel wake and species at risk were developed for on-site remediation and clean-up activities and were implemented, where applicable, during on-site activities conducted in 2019. The results of these follow-up monitoring programs conducted in 2019 are summarized in this annual report. No environmental incidents were observed in 2019.

In addition to the physical remediation and clean-up activities, Woodfibre LNG also completed two key tasks which were more administrative in nature. In October 2019, Woodfibre LNG proposed a material change to the Project when it applied to amend its environmental assessment approvals to include a temporary floating worker accommodation facility (i.e. a Floatel). In November 2019, an updated Implementation Schedule was issued to provide a status update of anticipated commencement and completion dates for the FDS conditions.

Consultation with identified Aboriginal groups was also ongoing throughout 2019; the results of this consultation are summarized in this report. When expressed, or shared, the views and information communicated by Aboriginal groups were given full and impartial consideration.

Woodfibre LNG Limited (Woodfibre LNG) propose de construire et d'exploiter une installation de traitement de gaz naturel liquéfié (GNL), avec une infrastructure de stockage et de déchargement maritime (le projet), à environ sept kilomètres au sud-ouest de Squamish, en Colombie-Britannique (CB). Le projet se trouve sur le site de l'ancienne usine de pâtes et papiers Woodfibre; historiquement, le village Stwú7mesh Úxwumixw de Swiyat se trouvait à cet endroit. Il s'agit d'un site désaffecté en fief simple dont le zonage est industriel avec plus de 100 ans d'utilisation industrielle et d'accès maritime en eaux profondes.

Le projet a été soumis aux processus d'évaluation environnementale administrés par la province de la Colombie-Britannique, Stwú7mesh Úxwumixw et le Canada; il a reçu, en 2015 et 2016, des approbations d'évaluation environnementale de ces trois niveaux de gouvernement. Le 17 mars 2016, l'Agence canadienne d'évaluation environnementale (à présent nommée l'Agence d'évaluation d'impact du Canada) a publié l'énoncé de décision fédérale du projet dans le cadre d'un processus de substitution en vertu de la Loi canadienne sur l'évaluation environnementale, 2012 (SC 2012, ch. 19, art. 52). Le même document a été publié de nouveau le 18 mars 2017 pour tenir compte des changements importants apportés à la description du projet certifié. Ce rapport a été préparé en vertu de l'Article 2.6 de l'énoncé de décision fédérale pour faire état de la mise en œuvre des conditions qui s'appliquaient à la portée des activités du projet ayant eu lieu au cours de l'année civile 2019.

Les activités d'assainissement et de nettoyage sur site en 2019 étaient liées à l'élimination de l'infrastructure historique associée à l'usine de pâtes et papiers Woodfibre et à l'assainissement et à la surveillance continue de la contamination historique des sols et des eaux souterraines. La portée de 2019 comprenait des activités en milieu marin (telles que le retrait de quais, de docks et d'entrepôts désuets) et à terre (telles que la rupture, la ségrégation et la gestion des fondations en béton renforcées de barres d'armature).

Des programmes de suivi pour les poissons et leur habitat, les oiseaux migrateurs, les impacts sur la santé humaine, les effets du sillage des navires et les espèces à risque ont été mis au point pour les activités d'assainissement et de nettoyage sur site et ont été mis en œuvre, le cas échéant, lors des activités sur site menées en 2019. Les résultats de ces programmes de suivi réalisés en 2019 sont résumés dans ce rapport annuel. Aucun incident environnemental n'a été observé en 2019.

En plus des activités physiques d'assainissement et de nettoyage, Woodfibre LNG a également terminé deux tâches clés qui étaient de nature administrative. En octobre 2019, Woodfibre LNG a proposé un changement important au projet lorsqu'elle a demandé la modification ses approbations d'évaluation environnementale afin d'y inclure une installation flottante d'hébergement provisoire pour les travailleurs (c.-à-d. un hôtel flottant). En novembre 2019, un calendrier de mise en œuvre révisé a été publié afin de fournir une mise à jour de l'état des dates de début et d'achèvement prévues pour les modalités de l'énoncé de décision fédérale.

Des consultations avec des groupes autochtones identifiés se sont également déroulées tout au long de 2019; les résultats de ces consultations sont résumés dans le présent rapport. Lorsqu'ils ont été exprimés ou partagés, les points de vue et l'information communiqués par les groupes autochtones ont été pleinement et impartialement pris en compte.

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ACCRONYM AND ABBREVIATIONS

CEAA	Canadian Environmental Assessment Agency
CPA	Certified Project Area
CPD	Certified Project Description
DOS	District of Squamish
EA	Environmental Assessment
EAA	Environmental Assessment Act
EAC	Environmental Assessment Certificate
EAO	Environmental Assessment Office
EMP	Environmental Management Plan
FDS	Federal Decision Statement
IAA	Impact Assessment Act
IAAC	Impact Assessment Agency of Canada
LNG	Liquefied Natural Gas
MFLNRORD	Ministry of Forests, Lands, and Natural Resource Operation and Rural Development
MIR	Marine Infrastructure Removal
NEB	National Energy Board
SNEAA	Skwxwú7mesh Úxwumixw Environmental Assessment Agreement

1. INTRODUCTION

Woodfibre LNG Limited (Woodfibre LNG) is proposing to build and operate a Liquefied Natural Gas (LNG) processing facility, with marine storage and off-loading infrastructure (the Project), approximately seven (7) kilometers (km) southwest of Squamish, British Columbia (BC). Historically, the Skwxwú7mesh Úxwumixw (Squamish Nation) village of Swiyat was found at this location.

The Project area is located on the site of the former Woodfibre Pulp and Paper Mill. The land is a fee simple, industrially zoned, brownfield site with more than 100 years of industrial use and deep-water marine access. As demonstrated by Figure 1, the community of Britannia Beach is approximately 5.5-km southeast of the Certified Project Area (CPA); Darrell Bay is approximately 6.2-km to the east, and Port Mellon is approximately 22-km southwest. The City of Vancouver is situated approximately 50-km southeast of the CPA.

The Project was subject to Environmental Assessment (EA) processes administered by the Province of British Columbia, Skwxwú7mesh Úxwumixw and Canada. The British Columbia (BC) Environmental Assessment Office (EAO) issued an Environmental Assessment Certificate (EAC) #E15-02 for the Project on October 26, 2015. Amendment #1 to the EAC for changes to the cooling process was issued on July 12, 2017, and Amendment #2 to clarify the definition of construction was issued on July 19, 2019.

The Skwxwú7mesh Úxwumixw conducted an independent review of the Application for an EAC (Application) under its own environmental assessment process and on October 14, 2015 entered into the Skwxwú7mesh Úxwumixw Environmental Assessment Agreement (SNEAA) with Woodfibre LNG.

The Canadian Environmental Assessment Agency (now the Impact Assessment Agency of Canada) issued the Project a Federal Decision Statement (FDS) as part of a substituted process under the Canadian Environmental Assessment Act, 2012 (SC 2012, c. 19, s. 52) on March 17, 2016 and re-issued the FDS on March 7, 2018.

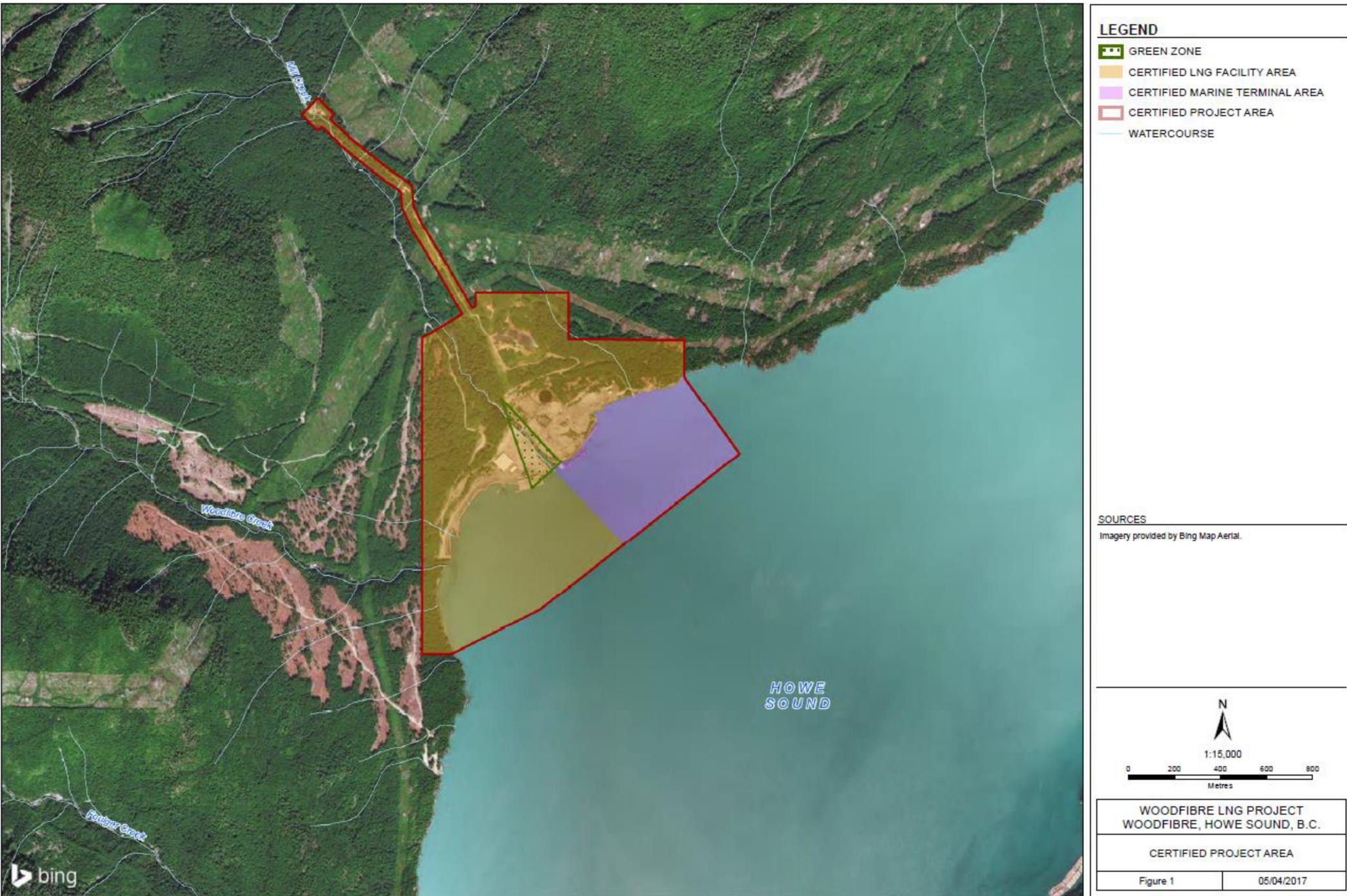
1.1 Purpose

The purpose of this 2019 annual report is to fulfil reporting requirements identified in Condition 2.6 of the Project FDS which requires Woodfibre LNG to prepare an annual report on the implementation of FDS conditions that were applicable to the scope of Project activities that occurred during the 2019 calendar year.

This report has been developed in accordance with the information requirements outlined in Conditions 2.6.1 through 2.6.5 of the FDS and in compliance with reporting and publication objectives described in Condition 2.7 and 2.8 respectively.

As per Condition 2.8 of the same, and following submission to the Impact Assessment Agency of Canada (IAAC), this report will be posted publically to the Woodfibre LNG web portal. Both IAAC and all identified Aboriginal groups will be notified of its availability once posted.

Figure 1 - Woodfibre LNG Certified Project Area



2. 2019 PROJECT ACTIVITIES

For the 2019 reporting period, the scope of Project activities undertaken, that were subject to conditions of the FDS, include:

- Activities related to the remediation and clean-up of the historic pulp mill site;
- Proposal of a material change to the Certified Project Description; and
- Issuance of an updated Implementation Schedule.

2.1 Remediation and Clean-up Activities

Site activities continued in accordance with commitments made to both the Saskatchewan Ministry of Forests Lands Natural Resource Operations and Rural Development (MFLNRORD) to remove old infrastructure within leased areas not required for operation and maintenance of the property. This was done with the goal of completing a thorough site clean-up and land remediation, as appropriate. The activities completed support compliance with conditions of Crown Land Lease No. 0044927 which require the lease holder to remove improvements upon expiry of said lease. In addition and of utmost importance, the completion of the described activities supported the ongoing safety of all individuals accessing site and are independent of main Project works that are otherwise described in the CPD.

The 2019 reporting year saw a shift in activities from the Marine Infrastructure Removal (MIR) scope of work to activities that focused on the remediation and clean-up of the upland, or on-shore, area. The Environmental Management Plan Revision 3 – Marine Infrastructure Removal (MIR ERP) defines the scope of in-water works involved the decommissioning, demolishing, and removal of historical marine structures. The bulk of the MIR was completed in 2018 with the remaining marine structure removal, remediation, and clean-up occurring January 01 through January 31 of 2019 as described in Table 1.

The scope of on-shore activities required for the clean-up and remediation of the on-shore areas of the historic pulp mill are described in the Environmental Management Plan – Infrastructure and Building Removal, Land Operations, and Landfill Closure (Uplands EMP). On-shore activities undertaken during the 2019 reporting year, occurred between October 01 and December 31 and are described in Table 2. No related activities occurred on site between February 01 and October 01 of 2019.

Table 1: Marine Infrastructure Removal, Remediation, and Clean-Up Scope of Work

Structure	Scope of Work
Effluent Outfall/Diffusers	The existing outfall was replaced with one outfall pipe in the same location (alignment, depth, and length). An additional length of new diffuser pipe was secured to repurposed timber piles.
Deep Sea Wharf	Removal of a timber wharf structure consisting of 1412 creosote treated timber piles located at the seaward deck, a pulp warehouse, fenders and fifty steel fender piles.
Old Timber Wharf	Removal of a timber wharf structure comprised of approximately 1247 creosote timber piles with a timber deck superstructure and a small railcar ramp, including concrete structures, sheet pile wall, steel piles, structural steel, and power and water supply.
Construction Dock	Removal of a dock consisting of a timber deck with six vertical piles spanning two bents.

Table 2: Uplands Infrastructure Removal, Remediation, and Clean-Up Scope of Work

Item	Scope of Work
Concrete Slab Removal	Removal of 24 concrete foundation slabs including breaking, and crushing of historic concrete footings.
Stockpiling (Crushed Concrete)	Stockpile management of recycled, crushed concrete. This includes allowances for surface water management as required.
Rebar Segregation and Salvage	Separation of scrap, structural rebar for salvage at off-site facility.
Site Maintenance	Including general site maintenance.

2.2 Proposal of Material Change to the Certified Project Description

In October 2019 Woodfibre LNG, in developing the mitigation measures identified through the EA phase of the Project, and in response to feedback received regarding worker accommodation to support Project construction, proposed to incorporate a temporary floating worker accommodation facility (i.e. a Floatel) into the CPD. Consistent with conditions 2.10 and 2.11 Woodfibre LNG consulted with Aboriginal groups on this proposed change. Additional details on related consultation activities are found in Section 5.3.

2.3 Implementation Schedule

In November 2019, pursuant to Condition 12, Woodfibre LNG provided the Impact Assessment Agency of Canada (IAAC) an updated Implementation Schedule to reflect revised commencement and completion dates for each activity related to conditions set out in the FDS. This Implementation Schedule was sent to Aboriginal groups identified in FDS Section 1.1 and as per Condition 7.4. As per Condition 2.8, upon distribution of the document to Aboriginal groups a copy of the Implementation Schedule was posted on the Woodfibre LNG web portal.

3. FOLLOW-UP MONITORING

As defined in the FDS, follow-up monitoring programs have been designed to verify the accuracy of the predictions made during the Project's environmental assessment and to determine the effectiveness of mitigation measures implemented to eliminate or reduce impact to the environment. Further, follow-up monitoring programs have been developed by Qualified Professionals (QP), support adaptive management strategies, and inform future similar activities. The follow-up monitoring programs to support clean-up and remediation activities associated with the historic pulp mill site were consolidated under the MIR EMP and the Uplands EMP and include:

- Fish and Fish Habitat, as it relates to Conditions 3.1 through 3.10 of the FDS;
- Migratory Birds, as it relates to Conditions 4.2 and 4.3 of the FDS;
- Human Health, as it relates to Condition 6.5 of the FDS;
- Land Use, as it relates to Condition 7.2 of the FDS; and
- Species at Risk, as it relates to Condition 9.3 of the FDS.

The following sub-sections provide information on the applicability of these follow-up monitoring programs to the scope of on-site works that occurred in 2019. Where follow-up monitoring programs were applicable, the results are described. Implementation of the follow-up monitoring programs, developed pursuant to applicable conditions of the FDS was undertaken by qualified individuals; persons who, through education, experience, and knowledge relevant to a particular matter, could be relied on by the Project to provide accurate and defensible advice in support of Project compliance. Monitoring activities, as they were related to the implementation of the follow-up programs, included the participation of Skwxwú7mesh Úxwumixw members.

Consistent with Condition 13.1, which requires the Project to retain all records pertaining to the ongoing compliance of Project activities with the conditions of the FDS, the results of all observations and data (field measurements and/or laboratory analysis) collected in response to the implementation of a follow-up monitoring program, have been recorded in the form of environmental monitoring reports and include those details described in Conditions 13.1.1 through 13.1.5. As per Condition 13.2 all records documenting compliance will be retained for 25 years following decommissioning by Woodfibre LNG at a facility in Canada and close to the Project location.

In 2019, there were no instances of non-compliance with conditions of the FDS observed, documented, or otherwise reported as a result of the implementation of the follow-up monitoring programs; including no loss of containment, no unauthorized discharge, or any spills to the environment externally reportable to regulatory agencies in accordance with British Columbia or Canadian legislation.

3.1 Fish and Fish Habitat

In considering potential effects of Project activities on fish and fish habitat, the EA identified five (5) key indicators (including habitat quantity, habitat quality, mortality, change in abundance, and change in distribution) that point to potential effects to these receptors. Evaluated through the lens of these 5 key indicators, potential impacts to fish and fish habitat were deemed to be limited to changes in habitat quality as a result of the release of deleterious substances, site erosion and sediment transport, sea bed disturbance and siltation, and the removal of creosote treated timber piles. Other potential impacts identified during the EA were not applicable to the activities undertaken during 2019. Pursuant to Condition 3.14 of the FDS, and tailored to the limited activities undertaken and associated potential effects during this reporting period, an

appropriately scaled fish and fish habitat follow-up monitoring program was incorporated into the MIR EMP (Section 3.15) and the Uplands EMP (Section 3.12) to verify related predictions made during the EA.

In addition to verifying the accuracy of the prediction made during the EA, the results of the follow-up monitoring program were used to determine the effectiveness of the mitigation measures proposed (and subsequently implemented) to address identified risk to fish and fish habitat, including:

- All marine in-water activities were completed during the fisheries regional window of least risk (Condition 3.1);
- Erosion protection and sediment control measures were installed and maintained as required (Condition 3.2.1);
- As required, silt control measures (i.e., turbidity curtain) were deployed around in-water activities (Condition 3.2.3); and
- Consideration for the re-suspension of sediments accumulated around treated piles to minimize the re-mobilization of associated contaminants (Condition 3.5).

Effectiveness monitoring also considered the effects of underwater noise (Condition 3.8) on both fish and marine mammals, and, while no planned activities were anticipated to generate underwater noise levels in excess of 160 dB re 1 μ Pa, confirmatory monitoring was undertaken at the start of in-water activities in 2019 with results recorded in the applicable environmental monitoring reports.

No instances of non-compliance were recorded by the Environmental Monitor (EM) as a result of this follow-up monitoring program for fish and fish habitat.

3.2 Migratory Birds

As they relate to compliance with Condition 4.1 of the FDS, clean-up and remediation activities that occurred during 2019 were subject to monitoring activities by qualified individuals and were completed in accordance with the mitigation measures described in Section 3.4.2 [Bird Management Plan] and Section 3.2 [Wildlife Management Plan] of the MIR EMP and the Uplands EMP respectively. The proposed mitigation measures were developed to ensure that activities would be undertaken in a manner that protects migratory birds and avoids harming, killing or disturbing migratory birds or destroying, disturbing, or taking their nests or eggs.

Mitigation measures included consideration for timing windows associated with the regional nesting period for migratory birds as well as contingency protocols, such as pre-clearing nesting surveys, to be used to manage the risk of potential impacts of unanticipated activities. No such measures were required during this reporting period.

In 2019, no instances of non-compliance were recorded by the EM as a result of this follow-up monitoring program for migratory birds.

3.3 Human Health

The follow-up monitoring program to verify the environmental assessment predictions regarding the bioavailability and bioaccumulation of contaminants in fish (Condition 6.5) was tailored to reflect revised recommendations described in a 2016 update of the Human Health and Ecological Risk Assessment (HHERA). These recommendations are informed by the most recent (2015 and 2016) results of a shellfish and groundfish tissue sampling program required as a condition of a Certificate of Compliance, issued pursuant to Section 53 of the BC Environmental Management Act (EMA).

A summary of these results, which re-establish baseline conditions for the contaminants of concern previously identified, concluded that there was no unacceptable risk to aboriginal and recreational receptors consuming fish and shellfish from within the Woodfibre water lot. As a result no mitigation measures were recommended and no specific follow-up monitoring program was implemented for the scope of on-site activities that occurred in 2019.

3.4 Impacts of Wake

Consistent with the level of activities that occurred in 2019, vessel traffic related to clean-up and remediation activities was limited. The wake effects assessment contemplated as part of the environmental assessment for the Project was based on LNG carriers. As such, the requirement to implement a follow-up program, as per Condition 7.2 of the FDS, has not yet been triggered and associated follow-up monitoring for wake was not applicable to the scope of on-site work in 2019.

When the potential impact of wake generated by LNG carriers, or similar can be monitored, a follow-up program will be implemented to monitor the degree of wake generated by Project related vessels and evaluate any potential adverse environmental effects on harvesters at key harvest sites and at key harvest periods for Aboriginal groups. The follow-up program will also monitor for the impacts of wake generated by LNG carriers (or similar) on the 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.

The results of the follow-up monitoring program, including any additional mitigation measures implemented to further reduce or eliminate the monitored impacts of Project vessel generated wake, will be shared with Aboriginal groups.

3.5 Listed Species at Risk

Pursuant to Condition 9.3 of the FDS, a follow-up monitoring program to evaluate the potential impacts of Project activities on the little brown myotis (*Myotis lucifugus*) was developed and incorporated into both the MIR EMP and the Uplands EMP. The monitoring program addresses commitments made during the EA such as a requirement to conduct pre-clearing maternity roost surveys should tree clearing or building demolition works occurred outside the least risk window for bat roosting (September 1 to May 15 inclusive) and the establishment of acceptable non-disturbance buffer zones (as determined by a QP) around active maternity roosts.

The activities undertaken in 2019 did not, however, include those which would otherwise warrant the implementation of the proposed mitigation measures previously described and therefore, this follow-up monitoring program was not applicable to the scope of on-site work conducted in 2019. As a result, implementation of the follow-up monitoring program, including an assessment of the effectiveness of the bat boxes installed in 2018, as a measure to offset the loss of habitat (as determined by a QP), has been postponed until such time that further disturbance or destruction of potential habitat is scheduled to occur. No new bat boxes were installed in 2019.

4. ADDITIONAL MITIGATION MEASURES

Woodfibre LNG remains committed to a careful and precautionary approach to the implementation of mitigation measures required to ensure compliance with every condition of the FDS. All mitigation strategies are based on validated methods and models supported by assurances of QPs that specialize in their respective areas of practice. Informed by the best available information and knowledge, including community and Aboriginal traditional knowledge, the follow-up monitoring programs described in Section 3 of this document were subject to processes of adaptive management which require that implemented measures be evaluated and adjusted as required in order to achieve a set objective; it is a systemic approach for continually improving existing management strategies by learning from earlier experiences.

The follow-up monitoring programs implemented to date are rooted in a tailored 'plan-do-check-act' cycle of continuous improvement. When considering the principals of adaptive management no additional mitigation measures were deemed necessary above those which were previously described in the applicable EMPs for site activities in 2019.

5. CONSULTATION AND ENGAGEMENT

Pursuant to Condition 2.6.3 of the FDS, the following section summarizes how views and information received, as a result of consultation, were provided full and impartial consideration by Woodfibre LNG. Consultation activities will be ongoing for the life of the Project and will continue to be tailored to the phase of the Project and associated activities planned at the time of consultation. Consultation activities undertaken in 2019 include:

- Engagement to re-affirm process and align on the manner in which Aboriginal Groups would like to be consulted (Condition 2.3);
- Collaborative development and implementation of the MIR EMP and Uplands EMP;
- Notification and follow-up on a proposed material change to the CPD (as required under 2.10 and 2.11 of the FDS) to include floating worker accommodations;
- Distribution of an updated Implementation Schedule; and
- Development of a series of construction phase EMPs required by both the provincial and Skwxwú7mesh Úxwumixw EA approvals (many of which overlap with conditions of the FDS).

5.1 Process and Format

In 2019, Woodfibre LNG sought to confirm with each Aboriginal group identified in the Project FDS, the manner in which they wished to be consulted to re-affirm initial feedback received in 2017. In response to this renewed invitation to engage in dialogue on the Project, the following views and information were shared with Woodfibre LNG:

- Confirmation of a general process of providing notice and written material for review as well as a tracking table of written responses;
- Required timelines for reviewing material presented, providing comment, and processes for meetings and responding to comments including allowing 30 days for the review of written material and sufficient time for discussion of comments;
- Deference of comments to Aboriginal Groups proximal to the Project location but requesting to be included in Project information and document distribution;
- Clarification as to at the key contact within each respective Aboriginal Group in regard to the Project; and
- In some cases, no response was received.

In consideration of these views and information, consultation activities going forward will continue to be tailored in a manner informed by Aboriginal groups including, but not limited to, providing written material to Aboriginal groups for review and allowing 30 days for that review. However, Woodfibre LNG remains committed to revising the manner of consultation in consideration of future views and information from Aboriginal groups tailored to each request.

5.2 Environmental Management Plans for Cleanup and Remediation

As communicated in the Woodfibre LNG 2018 annual report (submitted to IAAC March 2019), consultation with Aboriginal groups regarding the MIR EMP was conducted in 2018. This remains relevant to this reporting period given the execution of the described activities extended into 2019. Consistent with 2018, a Skwxwú7mesh Úxwumixw business continued to participate in conducting environmental monitoring services as part of implementing the MIR EMP and associated monitoring activities.

The Uplands EMP was developed and emailed to Aboriginal groups on August 2, 2019, however, mail delivery failure notices were received from two Aboriginal groups and follow up phone calls were not returned. No views or information were received on the Uplands EMP.

5.3 Material Change to the Certified Project Description

In October 2019 Woodfibre LNG, in developing mitigation measures identified in the EA application, and in response to feedback received regarding worker accommodation, proposed to incorporate a floating worker accommodation facility (i.e. a Floatel) into the Project. Consistent with conditions 2.10 and 2.11 of the FDS Woodfibre LNG consulted with Aboriginal groups on this proposed change. A consultation record was provided to IAAC as part of the application in 2019 and updated in 2020. Items of note include:

- Aboriginal groups were provided written notice of the material change in October 2019 (24th or 28th and the written application was shared with Aboriginal Groups directly or through the BC EAO;
- Comments, information or views were received from Skwxwú7mesh Úxwumixw on November 29, 2019 (via BC EAO) and from Tsleil-Waututh Nation on December 20, 2019 (via BC EAO);
- Follow up with eight other Aboriginal Groups was conducted on November 29, 2019 by phone and email and no comments, views or information have been received to date (March 2020); and
- Consultation summary was provided to IAAC on January 6, 2020.

Views and information received are being addressed directly with the each Aboriginal group as well as through the BC EAO technical working group. Written responses to comments will be provided to Skwxwú7mesh Úxwumixw and Tsleil-Waututh Nation.

5.4 Implementation Schedule

As described in Section 2.4, an Implementation Schedule, updated to reflect revised commencement and completion dates for each activity related to conditions set out in the FDS, was provided to IAAC in November 2019. This Implementation Schedule was sent to Aboriginal groups as identified in FDS Section 1.1 and as per Condition 7.4. As per Condition 2.8, upon submission of the document to Aboriginal groups a copy of the Implementation Schedule was posted on the Woodfibre LNG web portal. No feedback was received from Aboriginal groups on the Implementation Schedule.

5.5 Construction and Operations Environmental Management Plans

In 2019, Woodfibre LNG advanced pre-construction commitments, including construction phase EMPs required by the EAC and SNEAA. FDS conditions relevant to each EMP, including those related to follow-up programs for this future phase of the Project, are being incorporated. Conditions incorporated into EMPs include, but are not limited to 3.1, 3.14, 4.3, 6.5, 7.2 and 8.1. In 2019, consultation on the EMPs has focused on Skwxwú7mesh Úxwumixw and Tsleil-Waututh Nation with subsequent versions of EMPs to be provided to all Aboriginal Groups. In response to the views and information received to date from Aboriginal groups, the EMPs have been/are being updated with responses to comments being recorded in tracking tables.



6. CLOSURE

While this report has been prepared in response to, and in compliance with, the conditions set forth in the Federal Decision Statement (as amended March 2018) issued to Woodfibre LNG Limited for the Woodfibre LNG Project, it also provides the Project with further opportunity to engage in transparent dialogue with all impacted and/or interested parties and to hold itself accountable to the commitments made to the community, province, and country in which it will conduct business.



APPENDIX A

Federal Decision Statement

Table of Concordance for the Woodfibre LNG Project

(2019 Update)



Federal Decision Statement Table of Concordance for the Woodfibre LNG Project (2019 Update)

Condition No.	Description	Notes
2.10	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.	- Refer to the Federal Decision Statement Annual Report for 2019 (attached) for additional information.
2.2.1	The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement, 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.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.2.2	The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement provide sufficient information and a reasonable period of time to permit the party or parties being consulted to prepare their views and information.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.2.3	The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement, provide a full and impartial consideration of any views and information presented by the party or parties being consulted.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.2.4	The Proponent shall, where consultation is a requirement of a condition set out in this Decision Statement, advise the party or parties that have provided comments on how the views and information received have been considered by the Proponent.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.30	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.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.4.1	The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement, 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).	- Refer to Section 3 [Follow-Up Monitoring] of the attached report for more information. - Refer to Section 3.15 [Environmental Monitoring and Reporting Plan] of the MIR EMP and Section 3.12 [Environmental Monitoring Plan] of the Uplands EMP for additional information.
2.4.2	The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement, determine whether additional mitigation measures are required based on the monitoring and analysis undertaken pursuant to condition 2.4.1.	- Refer to Section 4 [Additional Mitigation Measures] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period.
2.4.3	The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement and 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.	- Refer to Section 4 [Additional Mitigation Measures] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
2.50	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.	- Refer to Section 5.5 [Construction Environmental Management Plans] of the attached report for more information.
2.6.1	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 the activities undertaken in the reporting year to comply with each of the conditions set out in this Decision Statement.	- Refer to Section 1.2 [Purpose] of the attached report for more information.
2.6.2	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 how the Proponent complied with Condition 2.1.	- As per this Appendix A of the Project Federal Decision Statement Annual Report for 2019.
2.6.3	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, 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.	- Refer to Section 5 [Consultation and Engagement] of the attached report for more information.
2.6.4	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 the results of the follow-up program requirements identified in Conditions 3.14, 4.3, 6.5 7.2 and 9.3.	- Refer to Section 3 [Follow-Up Monitoring] of the attached report for more information.
2.6.5	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 any additional mitigation measures implemented or proposed to be implemented by the Proponent, as determined under Condition 2.4.	- Refer to Section 4 [Additional Mitigation Measures] of the attached report for more information.
2.70	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.	- In an email dated March 26, 2020 IAAC granted an extension of the 2019 annual report submission deadline to April 17, 2020.
2.80	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 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.	- Where applicable to the current phase of the Project, documents and reports have been posted to the Woodfibre LNG web portal at https://woodfibrelng.ca/ - The following documents were published online in 2019: - Federal Decision Statement Annual Report for 2018 (incl. executive summaries) - Project Implementation Schedule - Update (as per Condition 12.1) - Archaeological and Heritage Resource Management Plan (as per Condition 8.1) - Aboriginal groups Communication Plan for Environmental Incidents (as per Condition 11.5)
2.90	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.	- Not applicable this reporting period.
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).	- Refer to Section 5.3 [Material Change to the Certified Project Description] of the attached report for more information.



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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.	- Refer to Section 5.3 [Material Change to the Certified Project Description] of the attached report for more information.
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.	- Refer to Section 1.1 [Remediation and Clean-Up Activities and Section 3.1 [Fish and Fish Habitat] of the attached report for more information. - Refer to Section 3.1.2 [Timing] of the MIR EMP and Section 3.1 [Fisheries Management Plans] of the Uplands EMP for additional information.
3.2.1	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 implementing erosion control measures and sediment control measures during all phases of the Designated Project;	- Refer to Section 1.1 [Remediation and Clean-Up Activities and Section 3.1 [Fish and Fish Habitat] of the attached report for more information. - Refer to Section 3.1 [Fish and Fish Habitat Management Plan] of the MIR EMP and Section 3.1 [Fisheries Management Plan] of the Uplands EMP for additional information.
3.2.2	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 revegetating disturbed riparian areas, using native plant species, after construction.	- Not applicable this reporting period.
3.2.3	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 using silt control measures around in-water construction activities.	- Refer to Section 3.1 [Fish and Fish Habitat] of the attached report for more information. - Refer to Section 3.1 [Fish and Fish Habitat Management Plan] of the MIR EMP and Section 3.1 [Fisheries Management Plan] of the Uplands EMP for additional information.
3.2.4	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 preventing wet concrete or cement-laden water from entering the marine environment.	- Not applicable this reporting period.
3.3.1	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include isolating instream construction activities in Mill Creek from adjacent streamflow.	- Not applicable this reporting period.
3.3.2	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include salvaging and relocating fish during instream construction activities requiring isolation of freshwater fish habitat in Mill Creek.	- Not applicable this reporting period.
3.3.3	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include maintaining minimum flow in Mill Creek and Woodfibre Creek to support fish and fish habitat.	- Not applicable this reporting period.
3.3.4	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include designing, installing and operating a water intake structure to avoid or reduce the risk of injury and mortality to fish in Mill Creek and Woodfibre Creek.	- Not applicable this reporting period.
3.3.5	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall be the British Columbia Marine and Pile Driving Contractors Association's Best Management Practices for Pile Driving and Related Operations when conducting pile installation.	- Not applicable this reporting period.
3.3.6	The Proponent shall implement measures to mitigate adverse environmental effects of the Designated Project on fish, including mortality, physical injury and behavioral change, during all phases of the Designated Project. The mitigation measures shall include 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 kilopascals during pile installation.	- Not applicable this reporting period.
3.40	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.	- Not applicable this reporting period.
3.50	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.	- Refer to Section 3.1 [Fish and Fish Habitat] of the attached report for more information. - Refer to Section 3.1 [Fish and Fish Habitat Management Plan], Section 3.2 [Human Health and Sediment Quality Management Plan], and Section 3.5.5 [Creosote Pile Disposal] of the MIR EMP for additional information.
3.60	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>C/upea pallasii</i>) larvae.	- Not applicable this reporting period.
3.70	The Proponent shall design, install and operate any marine discharge diffuser to prevent the deposit of a deleterious substance in water frequented by fish.	- Not applicable this reporting period.
3.8.1	The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micro Pascal to avoid adverse behavioral change in or injury to marine mammals. In doing so, the Proponent shall identify each construction activity that generates underwater noise levels greater than 160 decibels and the periods of time when each activity occurs.	- Not applicable this reporting period.

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3.8.2	The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micro Pascal to avoid adverse behavioral change in or injury to marine mammals. In doing so, the Proponent shall 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.	- Not applicable this reporting period.
3.8.3	The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micro Pascal to avoid adverse behavioral change in or injury to marine mammals. In doing so, the Proponent shall 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.	- Not applicable this reporting period.
3.8.4	The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micro Pascal to avoid adverse behavioral change in or injury to marine mammals. In doing so, the Proponent shall 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 mammal has moved out of the marine mammal underwater noise impact area.	- Not applicable this reporting period.
3.8.5	The Proponent shall establish and maintain a marine mammal underwater noise impact area for all construction activities where underwater noise levels are predicted to exceed 160 decibels at a reference pressure of one micro Pascal to avoid adverse behavioral change in or injury to marine mammals. In doing so, the Proponent shall implement mitigation measures, including sound dampening technology and soft-start procedures, to reduce construction noise levels in the marine mammal underwater noise impact area.	- Not applicable this reporting period.
3.90	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.	- Not applicable this reporting period.
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.	- Not applicable this reporting period.
3.11	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.	- Not applicable this reporting period.
3.12.1	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 on migratory birds and their habitats.	- Not applicable this reporting period.
3.12.2	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 on terrestrial species, including amphibians and reptiles, and their habitats.	- Not applicable this reporting period.
3.12.3	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 on listed species at risk and their habitats.	- Not applicable this reporting period.
3.12.4	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 on the current use of lands and resources for traditional purposes by Aboriginal peoples.	- Not applicable this reporting period.
3.12.5	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 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.	- Not applicable this reporting period.
3.12.6	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 on physical and cultural heritage and structure, site or thing that is of historical, archaeological, paleontological or architectural significance to Aboriginal peoples.	- Not applicable this reporting period.
3.12.7	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 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.	- Not applicable this reporting period.
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.	- Not applicable this reporting period.
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.	- Refer to Section 3.1 [Fish and Fish Habitat] and Section 5.2 [Environmental Management Plans for Clean-Up and Remediation] of the attached report for more information.
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 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.	- Refer to Section 2.1 [Remediation and Clean-Up Activities] and Section 3.2 [Migratory Birds] of the attached report for more information. - Refer to Section 3.4 [Volant Wildlife Management Plan] of the MIR EMP and Section 3.2 [Wildlife Management Plan] of the Uplands EMO for additional information.
4.2.1	The Proponent shall restrict flaring to the minimum required during operation, maintenance activities or emergencies to prevent the accumulation of natural gas and protect from overpressure.	- Not applicable this reporting period.



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4.2.2	The proponent shall minimize flaring required for operation and maintenance activities during night time and during periods of migratory bird vulnerability.	- Not applicable this reporting period.
4.2.3	The Proponent shall control operational lighting to avoid attracting migratory birds.	- Not applicable this reporting period.
4.30	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.	- Not applicable this reporting period.
5.10	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.	- Not applicable this reporting period.
5.20	The Proponent shall implement a leak detection and repair system to control fugitive emissions at the site of the Designated Project during operation.	- Not applicable this reporting period.
6.1.1	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 complying with the Waste Discharge Regulation under British Columbia's Environmental Management Act for air emissions.	- Not applicable this reporting period.
6.1.2	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 following best management practices and guidance from the British Columbia Oil and Gas Commission's Noise Control Best Practices Guidelines.	- Not applicable this reporting period.
6.1.3	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 complying with the operational noise requirement of the British Columbia Oil and Gas Commission's liquefied Natural Gas Facility Regulation.	- Not applicable this reporting period.
6.20	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.	- Contact information is available on the Woodfibre LNG web portal at https://woodfibrelng.ca/ - Refer to Section 3.14 [Community Services and Marine Transportation] of the MIR EMP for additional information.
6.30	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 CIE 150:2003 Guide on the limitation of the Effects of Obtrusive light from Outdoor lighting Installations, while meeting marine transportation and aviation safety requirements.	- Refer to Section 3.11 [Noise and Light Abatement Strategy] of the MIR EMP for additional information.
6.40	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.	- Refer to Section 3 [Follow-Up Monitoring] of the attached report for more information. - Refer to Section 3.1.3 [Water Quality Sampling Methods and Criteria] and Section 3.15.1 [Water Quality] of the MIR EMP and Section 3.1.2 [Water Quality Criteria] of the Uplands EMP for additional information.
6.5.1	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, 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	- Not applicable this reporting period. - Refer to the Keystone Environmental Updated Human Health Risk Assessment - Aboriginal and Recreational Receptors (2016) prepared for Woodfibre LNG Limited for additional information.
6.5.2	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, 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.	- Not applicable this reporting period. - Refer to the Keystone Environmental Updated Human Health Risk Assessment - Aboriginal and Recreational Receptors (2016) prepared for Woodfibre LNG Limited for additional information.
6.5.3	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, 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 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.	- Not applicable this reporting period. - Refer to the Keystone Environmental Updated Human Health Risk Assessment - Aboriginal and Recreational Receptors (2016) prepared for Woodfibre LNG Limited for additional information.
7.1.1	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 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.	- Not applicable this reporting period.



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7.1.2	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 location and timing of traditional activities by Aboriginal groups and of activities by other marine users.	- Refer to Section 1.4 [Consultation with Indigenous Groups] of the MIR EMP for more information.
7.1.3	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 Designated Project-related safety procedures, such as navigation aids, updated navigational charts and use of escort tugboats.	- Not applicable this reporting period.
7.1.4	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 areas where navigation may be controlled for safety reasons.	- Not applicable this reporting period.
7.1.5	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 speed profiles and schedules applicable to the operation of LNG vessels associated with the Designated Project; and	- Not applicable this reporting period.
7.1.6	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 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.	- Refer to Section 1.4 [Consultation with Indigenous Groups] and Section 3.14 [Community Services and Marine Transportation] of the MIR EMP for additional information.
7.2.1	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 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.	- Not applicable this reporting period.
7.2.2	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 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 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.	- Not applicable this reporting period.
7.30	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.	- Refer to Section 1.4 [Consultation with Indigenous Groups] of the MIR EMP for more information.
7.40	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.	- Refer to Section 2.3 [Implementation Schedule] and Section 5.4 [Implementation Schedule] of the attached report for more information.
8.1.1	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 Handbook/or the Identification and Recording of Culturally Modified Trees. The archaeological and heritage resources management plan shall include 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.	- Refer to Section 3.10 [Heritage and Archaeology Resources] of the MIR EMP and Section 3.8 [Heritage and Archaeology Resources] of the Uplands EMP for more information. - Refer to the supplemental Heritage and Archeology Resources Management Plan for Site Clean-Up and Remediation Activities for additional information.
8.1.2	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 Handbook/or the Identification and Recording of Culturally Modified Trees. The archaeological and heritage resources management plan shall include 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.	- Refer to Section 3.10 [Heritage and Archaeology Resources] of the MIR EMP and Section 3.8 [Heritage and Archaeology Resources] of the Uplands EMP for more information. - Refer to the supplemental Heritage and Archeology Resources Management Plan for Site Clean-Up and Remediation Activities for additional information.



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8.1.3	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 Handbook/or the Identification and Recording of Culturally Modified Trees. The archaeological and heritage resources management plan shall include 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.	- Refer to Section 3.10 [Heritage and Archaeology Resources] of the MIR EMP and Section 3.8 [Heritage and Archaeology Resources] of the Uplands EMP for more information. - Refer to the supplemental Heritage and Archeology Resources Management Plan for Site Clean-Up and Remediation Activities for additional information.
9.10	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.	-Not applicable this reporting period. - Refer to Section 2.1 [Remediation and Clean-Up Activities] and Section 3.5 [Listed Species at Risk] of the attached report for more information. - Refer to Section 3.4.1 [Bat Management Plan] of the MIR EMP and Section 3.4.5 [At Risk Bats] and Section 3.2 [Wildlife Management Plan] of the Uplands EMP for additional information.
9.20	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.	- Not applicable this reporting period. - Refer to Section 3.5 [Listed Species at Risk] of the attached report for more information.
9.30	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>).	- Not applicable this reporting period. - Refer to Section 3.5 [Listed Species at Risk] of the attached report for more information.
10.1.1	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 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;	- Not applicable this reporting period.
10.1.2	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 the components of the Designated Project that will be decommissioned by the Proponent and the components that will not be decommissioned.	- Not applicable this reporting period.
10.1.3	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 the desired end-state objectives of the Project area.	- Not applicable this reporting period.
10.1.4	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 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.	- Not applicable this reporting period.
10.1.5	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 how the Proponent will mitigate and monitor adverse environmental effects from decommissioning activities.	- Not applicable this reporting period.
10.1.6	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 how the Proponent will conduct in-water and land-based decommissioning activities (including the location, the scheduling and sequencing of activities).	- Not applicable this reporting period.
10.1.7	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 the plan for progressive reclamation, if appropriate.	- Not applicable this reporting period.
10.1.8	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 the manner and timing of consultation of Aboriginal groups and other relevant parties throughout the decommissioning phase.	- Not applicable this reporting period.
10.20	The Proponent shall implement the decommissioning plan referred in condition 10.1.	- Not applicable this reporting period.
10.3.1	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 the decommissioning activities undertaken by the Proponent during the reporting year.	- Not applicable this reporting period.
10.3.2	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 any adverse environmental effects identified by the Proponent with respect to the decommissioning activities identified in condition 10.3.1.	- Not applicable this reporting period.



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10.3.3	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 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.	- Not applicable this reporting period.
10.3.4	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 any modifications made to the decommissioning plan referred in condition 10.1.	- Not applicable this reporting period.
10.3.5	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 consultation undertaken by the Proponent with Aboriginal groups and other relevant parties during the reporting year.	- Not applicable this reporting period.
11.10	The Proponent shall take all reasonable measures to prevent accidents or malfunctions that may result in adverse environmental effects.	- Measures are included in applicable Environmental Management Plans for site activities.
11.20	The Proponent shall, prior to construction, consult with Aboriginal groups on the measures to be implemented to prevent accidents or malfunctions.	- Refer to Section 5.2 [Environmental Management Plans for Clean-Up and Remediation] of the attached report for more information.
11.30	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.	- An Emergency Response Plan has been developed, relative to site works. Consultation activities are ongoing.
11.4.1	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 notify relevant federal and provincial authorities and Aboriginal groups of the accident or malfunction as soon as possible and, in writing, the Agency.	- Not applicable this reporting period.
11.4.2	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 implement immediate measures to mitigate any adverse environmental effects associated with the accident or malfunction.	- Not applicable this reporting period.
11.4.3.1	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 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 a description of the accident or malfunction and of its adverse environmental effects.	- Not applicable this reporting period.
11.4.3.2	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 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 the measures that were taken by the Proponent to mitigate the adverse environmental effects of the accident or malfunction.	- Not applicable this reporting period.
11.4.3.3	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 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 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.	- Not applicable this reporting period.
11.4.3.4	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 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 a description of any residual adverse environmental effects, and any additional measures required by the Proponent to mitigate residual adverse environmental effects.	- Not applicable this reporting period.
11.4.3.5	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 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 details concerning the implementation of the emergency response plan referred to in condition 11.3.	- Not applicable this reporting period.
11.4.4	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 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.	- Not applicable this reporting period.
11.5.1	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 the types of accidents or malfunctions requiring a notification by the Proponent to the respective Aboriginal groups.	- Refer to the Woodfibre LNG Aboriginal Group Communication Plan for Environmental Incidents for more information.
11.5.2	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 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.	- Refer to the Woodfibre LNG Aboriginal Group Communication Plan for Environmental Incidents for more information.



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11.5.3	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 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.	- Refer to the Woodfibre LNG Aboriginal Group Communication Plan for Environmental Incidents for more information.
12.10	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 Canadian Environmental Assessment Act, 2012, 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.	- Not applicable this reporting period.
12.20	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 Canadian Environmental Assessment Act, 2012, every two years on or before March 31, until completion of the activities.	- Not applicable this reporting period.
12.30	12.3 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 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.	- Refer to Section 2.3 [Implementation Schedule] of the attached report for more information.
13.1.1	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 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 the place, date and time of any sampling, as well as techniques, methods or procedures used.	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
13.1.2	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 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 the dates and the analyses that were performed.	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
13.1.3	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 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 the analytical techniques, methods or procedures used in the analyses.	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
13.1.4	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 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 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	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
13.1.5	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 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 the results of the analyses.	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information. - Refer to Environmental Monitoring Reports, as they apply to the 2019 reporting period, for additional information.
13.20	The Proponent shall retain and make available upon demand to the Agency, or anyone designated pursuant to section 89 of the Canadian Environmental Assessment Act, 2012, 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.	- Refer to Section 2 [Follow-Up Monitoring] of the attached report for more information.