

TILBURY MARINE JETTY PROJECT

2024 IMPACT ASSESSMENT AGENCY OF CANADA (IAAC) ANNUAL REPORT

Table of Contents

EXECL	JTIVE SUMMARY	4
PROJE	T DE JETÉE MARITIME DE TILBURY (TMJ) SOMMAIRE EXÉCUTIF	7
ACRO	NYMS	10
1.0	INTRODUCTION	11
1.1	Annual Report Structure	11
1.2	Project Overview	12
1.3	Best Practices	12
1.4	Records Management	13
1.5	Report Requirements and Information Sharing	13
1.6	Transfer of Ownership	14
1.7	Change to the Designated Project	14
2.0	PROJECT ACTIVITIES UPDATE	14
2.1	Activities within the Reporting Year	14
2.	1.1 Onshore	14
2.	1.2 Marine	14
2.	1.3 General Activities	15
2.2	Implementation Schedules	15
3.0	ENVIRONMENTAL MANAGEMENT PROGRAM	15
3.1	Environmental Management Plans	16
3.2	Indigenous Monitors	17
3.3	Independent Environmental Monitor (IEM)	17
3.4	Mitigation Monitoring and Follow-up Programs	17
4.0	ENGAGEMENT PROGRAM	17
4.1	Information Sharing	17
4.2	Community Feedback Process	18
4.3	Indigenous Group Consultation	18
5.0	FISH, FISH HABITAT AND MARINE MAMMALS	19
6.0	MIGRATORY BIRDS	19
7.0	VEGETATION AND WETLANDS	20
8.0	HEALTH OF INDIGENOUS PEOPLES	20
9.0	CURRENT USE OF LANDS, WATERS AND RESOURCES	20
10 0	ARCHAFOLOGY AND HERITAGE	21

11.0	WILDLIFE AND SPECIES AT RISK	21
12.0	ACCIDENTS AND MALFUNCTIONS	21
APPEN	NDIX A: CONCORDANCE TABLE	23

EXECUTIVE SUMMARY

The Tilbury Marine Jetty (TMJ) Project (the "Project") is a liquefied natural gas (LNG) marine terminal facility located on Tilbury Island, in Delta, British Columbia. The Project includes the construction and operation of LNG loading infrastructure that will allow LNG to be loaded onto LNG marine vessels.

The environmental assessment for TMJ commenced in 2015 and concluded in late 2022. On July 3, 2024, TMJ received the Decision Statement under Section 54 of the *Canadian Environmental Assessment Act, 2012* ("IAAC Decision Statement") from the Impact Assessment Agency of Canada. This Annual Report is submitted in compliance with condition 2.10 of the IAAC Decision Statement. This Annual Report describes the activities undertaken by the Proponent to comply with each of the conditions in the IAAC Decision Statement, and provides other information required by condition 2.10, for the reporting year from July 3, 2024, ¹ to December 31, 2024.

The IAAC Decision Statement established conditions to which TMJ must comply. This annual report serves to provide information and updates related to those conditions.

In addition to the IAAC Decision Statement, other permits may be required throughout the life of the Project. TMJ is committed to ensuring that all necessary permits, approvals or authorizations are in place prior to commencement of applicable activities.

ACTIVITIES IN THE REPORTING YEAR

During the reporting year, the focus of activities for the Project has been on the development of required management plans to prepare for consultation in mid to late 2025. No active construction has taken place on the Project to date.

CONSULTATION AND ENGAGEMENT

During the reporting year, the focus of activities for the Project has been on the development of management plans including capacity funding negotiations and engagement with Indigenous groups and engagement with regulatory agencies on the management plan tables of contents and review process, to prepare for detailed

¹ As per condition 2.12, the first reporting year starts on the day the Minister of the Environment issues the Decision Statement pursuant to subsection 54 (1) of the *Canadian Environmental Assessment Act, 2012*.

development and consultation on management plans in mid to late 2025. No active construction has taken place on the Project to date.

CONDITIONS PERFORMANCE

1. Fish (including marine mammals) and Fish Habitat

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

2. Migratory Birds

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

3. Vegetation and Wetlands

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

4. Health of Indigenous peoples

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

5. Current Use of Lands, Waters and Resources

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

6. Physical and Cultural Heritage and Structures, Sites, or Things of Historical, Archaeological, Paleontological, or Architectural Significance

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

7. Wildlife and Species at Risk

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

8. Environmental Monitors

No construction activities took place during the reporting year. Prior to construction, TMJ will retain the services of Indigenous monitors and an Independent Environmental Monitor (IEM) to support construction oversight.

9. Accidents and Malfunctions (Section 12).

No active construction work took place during the reporting year and focus throughout the reporting year and into 2025 will be on the development of management plans for the Project.

PROJET DE JETÉE MARITIME DE TILBURY (TMJ) SOMMAIRE EXÉCUTIF

Rapport annuel de 2024 à l'AEIC:

Le Projet de jetée maritime de Tilbury (« TMJ » ou le « Projet ») est un terminal portuaire pour le gaz naturel liquéfié (GNL) sur l'île Tilbury, le long du bras Sud du fleuve Fraser à Delta, en Colombie-Britannique. Ce projet comprend la construction et l'exploitation d'une infrastructure de chargement de GNL permettant de charger le GNL produit par l'installation existante de Tilbury dans des barges de GNL destinées aux marchés locaux.

L'évaluation environnementale de TMJ a débuté en 2015 et s'est terminée vers la fin de 2022. Le 3 juillet 2024, l'Agence d'évaluation d'impact du Canada (AEIC) a transmis à TMJ une déclaration de décision en vertu de l'article 54 de la *Loi canadienne sur l'évaluation environnementale* (2012) (« Déclaration de décision de l'AEIC »).

La Déclaration de décision de l'AEIC énonce les conditions que TMJ doit respecter. Le présent rapport annuel contient des informations et des mises à jour sur ces conditions.

En plus de la Déclaration de décision de l'AEIC, d'autres permis pourraient s'avérer nécessaires pendant la durée du Projet. TMJ s'engage à faire en sorte que tous les permis, toutes les approbations ou toutes les autorisations nécessaires soient obtenus avant le début des activités concernées.

ACTIVITÉS DE L'ANNÉE DE RÉFÉRENCE

Au cours de l'année de référence, les efforts déployés dans le cadre du Projet TMJ ont principalement porté sur la création des plans de gestion nécessaires à la préparation d'une consultation prévue au second semestre de 2025. Jusqu'à présent, le projet TMJ n'a pas encore donné lieu à des travaux de construction.

CONSULTATION ET ENGAGEMENT

Au cours de l'année de référence, les efforts déployés dans le cadre du Projet TMJ ont principalement porté sur la création des plans de gestion nécessaires ainsi que sur l'engagement initial avec les groupes autochtones et les instances réglementaires en prévision de la consultation concernant le plan de gestion officiel, prévue au second

semestre de 2025. Jusqu'à présent, le projet TMJ n'a pas encore donné lieu à des travaux de construction.

RÉALISATION DES CONDITIONS

10. Poisson (y compris les mammifères marins) et habitat du poisson

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

11. Oiseaux migrateurs

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

12. Végétation et terres humides

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

13. Santé des peuples autochtones

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

14. Usage actuel des terres, des eaux et des ressources

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

15. Patrimoine physique et culturel, structures, sites ou objets d'importance historique, archéologique, paléontologique ou architecturale

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

16. Faune et espèces en péril

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

17. Surveillance environnementale

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Avant la mise en chantier, TMJ retiendra les services d'organismes de surveillance autochtones et d'un organisme indépendant de surveillance environnementale (OISE) pour aider à surveiller les travaux de construction.

18. Accidents et dysfonctionnements (section 12)

Aucune activité de construction n'a été enregistrée au cours de l'année de référence. Pendant l'année en question ainsi qu'en 2025, nous nous concentrons sur l'élaboration des plans de gestion du Projet.

ACRONYMS

AQMP Air Quality Management Plan
BAT Best Achievable Technology
CCG Canadian Coast Guard

CEAA Canadian Environmental Assessment Agency
CEMP Construction Environmental Management Plan

EAC Environmental Assessment Certificate
EAO Environmental Assessment Office

EM Environmental Monitor

IAAC Impact Assessment Agency of Canada IEM Independent Environmental Monitor

LNG liquified natural gas
TC Transport Canada
TMJ Tilbury Marine Jetty

1.0 INTRODUCTION

The Tilbury Marine Jetty (TMJ) Project ("the Project") is a liquefied natural gas (LNG) marine terminal facility located on Tilbury Island, along the South Arm of the Fraser River in Delta, British Columbia. TMJ includes the construction and operation of LNG loading infrastructure that will allow LNG from the existing Tilbury facility to be loaded onto LNG bunkering vessels for local markets.

The environmental assessment for TMJ commenced in 2015 and concluded in late 2022. On July 3, 2024, TMJ received the Decision Statement under Section 54 of the Canadian Environmental Assessment Act, 2012 ("IAAC Decision Statement") from the Impact Assessment Agency of Canada.

The IAAC Decision Statement established conditions to which TMJ must comply. This annual report serves to provide information and updates related to those conditions.

This Annual Report is submitted in compliance with section 2.10 of the IAAC Decision Statement, which requires the Proponent to submit an annual report for each reporting year (January 1 – December 31), by March 31 following the reporting year to which the annual report applies. IAAC granted the Proponent an extension to April 30 for the filing of this initial Annual Report. This Annual Report relates to the reporting year from July 3, 2024, 2 to December 31, 2024.

1.1 Annual Report Structure

Condition 2.10 of the IAAC Decision Statement requires the Proponent to prepare an annual report for each reporting year that sets out:

- 1. the activities undertaken by the Proponent to comply with each of the conditions set out in the IAAC Decision Statement;
- 2. how the Proponent complied with condition 2.1;
- 3. for conditions set out in the IAAC Decision Statement for which consultation is a requirement, a summary of any views expressed and how the Proponent considered these views and information that the Proponent received during or as a result of the consultation;
- 4. the information referred to in conditions 2.5 and any update to that information made pursuant to condition 2.6;

² As per condition 2.12, the first reporting year starts on the day the Minister of the Environment issues the Decision Statement pursuant to subsection 54 (1) of the *Canadian Environmental Assessment Act, 2012*.

- for any conditions where implementation is specifically stated to be dependent in whole or in part upon economic or technical feasibility, and the Proponent determines it is not economically or technically feasible, the Proponent shall provide reasonable justification for why;
- 6. a summary of the results of the follow-up program requirements identified in conditions 3.22, 3.23, 3.24, 4.4, 5.2.7, 6.4, 7.5 and 9.3;
- 7. for any plan that is a requirement of a condition set out in the IAAC Decision Statement, any update(s) to the plan that have been made during the reporting year; and
- 8. any modified or additional mitigation measure(s) implemented or proposed to be implemented by the Proponent, as determined pursuant to condition 2.8.

Since many of the programs and requirements overlap, this Annual Report is organized by key topic, and the Concordance Table available as Appendix A will guide the user to specific areas of interest within the report and how they align with the IAAC Decision Statement requirements.

1.2 Project Overview

The Project is located on Tilbury Island in Delta, British Columbia. The Project is comprised of the following components and activities.

- Permanent Jetty (Jetty) and supporting infrastructure, known as the marine terminal area, which includes two berths, a main trestle, and related transfer infrastructure;
- Construction-related infrastructure and facilities, including site preparation and clearing, temporary buildings and lay down areas;
- Shipping of liquefied natural gas (LNG), specifically as it relates to bunkering vessels; and
- o Dredging activities related to the marine terminal area.

1.3 Best Practices

The Project is committed to ensuring its actions in meeting the conditions set out in the IAAC Decision Statement are considered in a careful and precautionary manner, promote sustainable development, are informed by the best information and knowledge available at the time (including policies, guidelines and directives and community and Indigenous knowledge), are based on methods and models that are recognized by standard-setting

bodies, are undertaken by qualified individuals, and have applied the best available technically and economically feasible technologies.

The Proponent shall ensure that its actions in meeting the conditions set out in this Decision Statement are taken in a way that is consistent with any applicable recovery strategy and action plans for listed species at risk.

1.4 Records Management

Records related to the implementation of the Conditions outlined in the TMJ IAAC Decision Statement are maintained electronically. Records are readily available, and include, but are not limited to, the following:

- Records of mitigation and EM (Environmental Monitor) programs (e.g., surface water sampling results, site inspection results, waste disposal).
- Records of all consultation with, and notification to, regulatory agencies, Indigenous groups, and external stakeholders

1.5 Report Requirements and Information Sharing

This IAAC Annual Report provides an overview of the progress on meeting conditions outlined in the IAAC Decision Statement, including but not limited follow-up programs as specified in the conditions.

As per the IAAC Decision Statement, for the purposes of this report, the reporting year is defined as July 3, 2024, to December 31, 2024.

The IAAC Annual Report is available on the Tilbury Marine Jetty website at www.tilburypacific.ca. At this stage of the Project, results of follow-up programs and their requirements, and other documents referred to in conditions 2.13 and 2.14 are under development.

The Proponent will keep documents referred to in conditions 2.13 and 2.14 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 will notify Indigenous groups, Indigenous groups (marine shipping) and the Agency in writing of the availability of such documents within 48 hours of their publication.

1.6 Transfer of Ownership

No transfer of ownership, care, control or management took place during the reporting year.

The Proponent will notify IAAC, Indigenous groups, Indigenous groups (marine shipping), and relevant authorities in writing no later than 30 days after a transfer of ownership, care, control, or management of the Designated Project as per condition 2.15 of the IAAC Decision Statement.

1.7 Change to the Designated Project

No change to the Project took place during the reporting year.

The Proponent will notify IAAC in writing if there is any proposal to carry out the Project that differs from the Project's Certified Project Description and ensure compliance with conditions 2.16 and 2.17 of the IAAC Decision Statement.

2.0 PROJECT ACTIVITIES UPDATE

The following sections provide highlights of the Project activities undertaken within the reporting year.

2.1 Activities within the Reporting Year

There has been no construction related to the Project within the reporting year and as such no follow-up programs have been implemented. Activities since issuance of the IAAC Decision Statement in July of 2024 have been focused on planning, contract establishment, permitting and development of required management plans to support the Project.

2.1.1 Onshore

There has been no onshore construction related to the Project within the reporting year. Management plans required by the IAAC Decision Statement are being scoped and engagement activities have been initiated to develop these plans and related mitigations.

2.1.2 Marine

There has been no marine construction related to the Project within the reporting year. Management plans required by the IAAC Decision Statement

are being scoped and engagement activities have been initiated to develop these plans and related mitigations.

2.1.3 General Activities

There has been no construction related to the Project within the reporting year. Activities since issuance of the IAAC Decision Statement in July of 2024 have been focused on planning, contract establishment, permitting and development of required management plans to support the Project.

2.2 Implementation Schedules

No construction related to the Project took place within the reporting year.

In accordance with condition 13 of the IAAC Decision Statement, the Proponent will submit to Indigenous groups and the IAAC a schedule for all conditions set out in the IAAC Decision Statement, including all activities planned and estimated start and end dates, no later than 60 days prior to the start of construction. The Proponent will update this schedule annually before March 31 and submit to Indigenous groups and IAAC.

3.0 ENVIRONMENTAL MANAGEMENT PROGRAM

This section contains further details on how the environmental management program is structured and executed. The IAAC Decision Statement has specific sections of conditions associated with the following environmental aspects:

- Fish (including marine mammals) and Fish Habitat (Section 3)
- Migratory Birds (Section 4)
- Vegetation and Wetlands (Section 5)
- Health of Indigenous peoples (Section 6)
- Current Use of Lands, Waters and Resources (Section 7)
- Physical and Cultural Heritage and Structures, Sites, or Things of Historical, Archaeological, Paleontological, or Architectural Significance (Section 8)
- Wildlife and Species at Risk (Section 9)
- Indigenous Monitors (Section 10)
- Independent Environmental Monitor (Section 11)
- Accidents and Malfunctions (Section 12).

The following sections provide further detail on each aspect, including associated activities during the reporting year and effectiveness of the mitigation measures / follow up programs.

3.1 Environmental Management Plans

The Project requires management plans as specified in the IAAC Decision Statement and the Environmental Assessment Certificate (EAC) T24-01 issued by the Environmental Assessment Office (EAO). During the reporting year, the focus of activities for the Project has been on the development of required management plans to prepare for consultation in mid-to-late 2025. Management plans being prepared include:

- Construction Environmental Management Plan (CEMP) in accordance with EAC Condition 10 and inclusive of Migratory Birds and Wildlife requirements in IAAC Decision Statement, Section 4 and Section 9, respectively
- Fish and Fish Habitat Offsetting Plan which includes relevant requirements in IAAC Decision Statement, Section 3
- Water Quality Management Plan (WQMP) in accordance with EAC Condition 12
- River Bed Monitoring Plan in accordance with EAC Condition 13
- Cultural and Archaeological Resources Management Plan in accordance with EAC Condition 14 and inclusive of IAAC Decision Statement, Section 8 requirements
- Indigenous Training, Employment and Procurement Plan in accordance with EAC Condition 16
- Vegetation and Wetland Management Plan in accordance with EAC Condition 18
- Wetland Compensation Plan requirements outlined in IAAC Decision Statement, Section 5
- Air Quality Management Plan (AQMP) in accordance with EAC Condition 19 and inclusive of relevant requirements outlined in IAAC Decision Statement, Section
- Greenhouse Gas Reduction Plan in accordance with EAC Condition 20
- Marine Communication Plan and Marine Use and Transportation Plan inclusive of requirements outlined in IAAC Decision Statement, Section 7
- Accident and Malfunction Response Plan inclusive of requirements outlined in IAAC Decision Statement, Section 12

3.2 Indigenous Monitors

Prior to construction, the Proponent will retain the services of Indigenous monitors to participate in monitoring and surveys set out in the IAAC Decision Statement, including follow-up monitoring required and the analysis and reporting of monitoring and survey results. The Proponent will undertake a collaborative process to determine, in consultation with Indigenous groups, the scope, purpose and objectives of the participation of Indigenous monitors, and details of participation. It is anticipated that these discussions will commence in late 2025 or early 2026.

3.3 Independent Environmental Monitor (IEM)

Prior to construction, the Proponent will retain the services of an Independent Environmental Monitor (IEM) in accordance with EAC Condition 8 and IAAC Decision Statement Section 11. It is anticipated that discussions related to IEM engagement and Terms of Reference Development will commence in 2025 or early 2026.

3.4 Mitigation Monitoring and Follow-up Programs

No construction related to the Project took place within the reporting year. As such, no implementation of programs nor mitigations took place.

4.0 ENGAGEMENT PROGRAM

This section contains further details on how the social performance management program is structured and executed. A range of initiatives are undertaken to ensure the local communities and Indigenous groups receive up-to-date information and have an opportunity to ask questions and provide feedback. These initiatives include stakeholder notifications, advertising, web postings, social media, the community feedback process, and in-person meetings.

4.1 Information Sharing

The Project website <u>www.tilburypacific.ca</u> includes general information on the Project, and will include links to the following documentation as required by IAAC Decision Statement, Sections 2.13 and 2.14:

- IAAC Annual Reports and Executive Summaries
- Follow-up program reports
- Vessel traffic information

- Accident and malfunction information
- Communication plans
- Marine use and transportation plan
- Implementation schedules

4.2 Community Feedback Process

The Project has a process in place to receive feedback from the community. Contact information is posted at TilburyPacific.ca, and the community can submit feedback by phone or by email. The Project team is committed to responding to questions from the community in a timely manner.

4.3 Indigenous Group Consultation

The Proponent actively engages in consultation with Indigenous groups regarding Project activities that may potentially impact rights and interests. As development of the Project progresses, including development of Project management plans, consultation requirements will continue to be met, including those outlined in IAAC Decision Statement, Section 2.3 and 2.4, including but not limited to:

- providing written notice of the opportunity to present their views and information on the subject matter in question;
- consideration of all views received during consultation; and
- adequate response and follow-up to concerns, questions and information brought forward during consultation.

During the reporting year, consultation and engagement was focused on preparing Indigenous groups for the upcoming condition management plan development process. In compliance with EA Certificate Condition 4.2, the schedule for consultation on the management plans was sent Q3 of 2024 to meet the requirement to send the schedule 60 days prior to commencement of consultation on any of the plans in condition 4.1(b). The schedule was emailed to Indigenous nations listed in the EA Certificate and IAAC Decision Statement along with an offer of a meeting with the Project's engagement team. Meetings with interested nations took place in the fall of 2024 to provide an overview of the Project and inform of next steps in consultation and engagement. In December 2024, the engagement team notified Indigenous nations that the schedule for consultation on the plans would be updated in 2025.

5.0 FISH, FISH HABITAT AND MARINE MAMMALS

The landscape surrounding the Project site consists primarily of previously developed, industrial zoned lands. No construction work took place during the reporting year; however, fieldwork to capture baseline conditions at a fish habitat offsetting location were conducted including:

- a) Habitat mapping
- b) Terrestrial and wildlife survey
- c) Fish and fish habitat surveys

Focus throughout 2025 will be on the development of management plans for the Project and engagement with Indigenous nations on fish habitat offsetting requirements.

Several plans will be developed as the Project progresses to mitigate the risks to fish, fish habitat and marine mammals, including:

- Fish and Fish Habitat Offsetting Plan which includes relevant requirements in IAAC Decision Statement, Section 3
- Water Quality Management Plan (WQMP) in accordance with EAC Condition 12
- Vegetation and Wetland Management Plan in accordance with EAC Condition 18
- Wetland Compensation Plan requirements outlined in IAAC Decision Statement, Section 5

6.0 MIGRATORY BIRDS

The landscape surrounding the Project site consists primarily of previously developed, industrial zoned lands. No construction work took place during the reporting year and focus throughout 2025 will be on the development of management plans for the Project.

Several plans will be developed as the Project progresses to mitigate the risks to migratory birds, including:

- Construction Environmental Management Plan (CEMP) in accordance with EAC Condition 10 and inclusive of Migratory Birds and Wildlife requirements in IAAC Decision Statement, Section 4 and Section 9 as appropriate.
- Marine Communication Plan and Marine Use and Transportation Plan inclusive of requirements outlined in IAAC Decision Statement, Section 7

7.0 VEGETATION AND WETLANDS

The landscape surrounding the Project site consists primarily of previously developed, industrial zoned lands. No construction work took place during the reporting year and focus throughout 2025 will be on the development of management plans for the Project.

Several plans will be developed as the Project progresses to mitigate the risks to vegetation and wetlands, including:

- Fish and Fish Habitat management plan which includes relevant requirements in IAAC Decision Statement, Section 3
- Vegetation and Wetland Management and Wetland Offsetting Plan in accordance with EAC Condition 18 and inclusive of requirements outlined in IAAC Decision Statement, Section 5

8.0 HEALTH OF INDIGENOUS PEOPLES

The Proponent will ensure that requirements related to the health of Indigenous peoples as outlined in IAAC Decision Statement, Section 6, are met. There was no construction work during the reporting year and focus throughout 2025 will be on continued development of management plans and controls related to human health.

Several plans will be developed as the Project progresses to mitigate the risks to the health of Indigenous peoples, including:

 Air Quality Management Plan (AQMP) in accordance with EAC Condition 19 and inclusive of relevant requirements outlined in IAAC Decision Statement, Condition 6

9.0 CURRENT USE OF LANDS, WATERS AND RESOURCES

No construction work took place during the reporting year and focus throughout 2025 will be on the development of management plans for the Project. To manage potential impact related to current use in the area, the Proponent will develop the following plans:

- Vegetation and Wetland Management and Wetland Offsetting Plan in accordance with EAC Condition 18 and inclusive of requirements outlined in IAAC Decision Statement, Section 5
- Marine Communication Plan and Marine Use and Transportation Plan inclusive of requirements outlined in IAAC Decision Statement, Section 7

10.0 ARCHAEOLOGY AND HERITAGE

The landscape surrounding the Project site consists primarily of previously developed, industrial zoned lands. No construction work took place during the reporting year and focus throughout 2025 will be on the development of management plans for the Project.

 A Cultural and Archaeological Resources Management Plan will be developed for the Project in accordance with EAC Condition 14 and inclusive of IAAC Decision Statement, Section 8 requirements.

A Chance Find procedure will also be developed to support construction activities.

11.0 WILDLIFE AND SPECIES AT RISK

The landscape surrounding the Project site consists primarily of previous developed, industrial zoned lands. No construction took place during the reporting year and focus throughout 2025 will be on the development of management plans for the Project.

Several plans will be developed as the Project progresses to mitigate the risks to wildlife and species at risk, including:

- Construction Environmental Management Plan (CEMP) in accordance with EAC Condition 10 and inclusive of Migratory Birds and Wildlife requirements in IAAC Decision Statement, Section 4 and Section 9, respectively
- Fish and Fish Habitat management plan which includes relevant requirements in IAAC Decision Statement, Section 3
- Vegetation and Wetland Management and Wetland Offsetting Plan in accordance with EAC Condition 18 and inclusive of requirements outlined in IAAC Decision Statement, Section 5

The Proponent will also define and implement measures to mitigate potential impact on barn owl and red-legged frog in accordance with IAAC Decision Statement, Section 9.

12.0 ACCIDENTS AND MALFUNCTIONS

No construction took place during the reporting year, and focus has been on planning and permitting. Prior to construction and in consultation with Indigenous groups, Environment and Climate Change Canada, Transport Canada and other relevant authorities, the Project

will develop an accident and malfunction response plan consistent with any applicable integrated response plan guidance issued by relevant authorities.

12.1 Communication Strategy

No construction took place during the reporting year, and focus has been on planning and permitting. To support requirements for notification, the Proponent will develop a communication strategy or protocol to ensure notifications take place in the event of an accident or malfunction.

12.2 Marine Shipping Emergency Response Outreach Program

To support emergency response requirements, the Project will identify the actions that will be taken in relation to accidents and malfunctions of LNG vessels while in transit through a marine shipping emergency response outreach program. The Project team will begin developing the program in 2025 in consultation with Indigenous groups, the Canadian Coast Guard (CCG), Transport Canada (TC) and other relevant authorities.

APPENDIX A: CONCORDANCE TABLE

The following Concordance Table includes verbatim requirements taken from the Tilbury Marine Jetty Project Decision Statement and directs the reader to the corresponding IAAC Annual Report Section.

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
General Conditions	The Proponent shall ensure that its actions in meeting the conditions set out in this Decision Statement during all phases of the Designated Project are considered in a careful and precautionary manner, promote sustainable development, are informed by the best information and knowledge available at the time the Proponent takes action, including policies, guidelines and directives and community and Indigenous knowledge, are based on methods and models that are recognized by standard-setting bodies, are undertaken by qualified individuals, and have applied the best available technically and economically feasible technologies.	2	2.1	1.2
General Conditions	The Proponent shall ensure that its actions in meeting the conditions set out in this Decision Statement are taken in a way that is consistent with any applicable recovery strategy and action plans for listed species at risk.	2	2.2	1.2 3.0 3.1 11.0
Consultation	 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 matter of the consultation; provide all information available and relevant to the scope and the subject matter of the consultation, including a list of all parties being consulted, and a reasonable period of time agreed upon with the party or parties being consulted, not to be less than 30 days, to prepare their views and information; undertake an impartial consideration of all views and information presented by the party or parties being consulted on the subject matter of the consultation; and advise as soon as is feasible, at a minimum in writing, the party or parties being consulted on how the views and information received have or have not been integrated into the subject matter of consultation by the Proponent, and provide justification. 	2.3	2.3.1 2.3.2 2.3.3 2.3.4	4.3

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
Consultation	 Where consultation with Indigenous groups or Indigenous groups (marine shipping) is a requirement of a condition set out in this Decision Statement, the Proponent shall: 2.4.1 discuss with each Indigenous group or Indigenous groups (marine shipping) the manner with which to satisfy the consultation requirements referred to in condition 2.3 including: methods of notification; the type of information, resources and the period of time to be provided when seeking input; the process to be used by the Proponent to undertake impartial consideration of all views and information presented on the subject of the consultation; the period of time and the means to advise Indigenous groups of how their views and information were considered by the Proponent; and 	2.4	2.4.1	4.3
Consultation	apply the principles of engagement described in the document <i>Tsawwassen and Tilbury Marine Jetty Shared Principles of Engagement</i> when consulting with Tsawwassen First Nation	2.4	2.4.2	4.3
Follow-up programs	The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement, determine, as part of the development of each follow-up program and in consultation with the party or parties being consulted during the development, the following information, unless already specified in the condition: • the methodology, location, frequency, timing and duration of monitoring associated with the follow-up program; • the scope, content and frequency of reporting of the results of the follow-up program to the parties consulted for the development of the follow-up program; • the minimum frequency at which the follow-up program must be reviewed and, if necessary, updated; • the levels of environmental change relative to baseline conditions that would require the Proponent to implement modified or additional mitigation measure(s), including instances where the Proponent may require Designated Project activities to be stopped; • the technically and economically feasible mitigation measures to be implemented by the Proponent if monitoring conducted as part of the follow-up program shows that the levels of environmental change referred to in condition have been reached or exceeded; • and the specific and measurable end points that must be achieved before the follow-up program can end. Those end points should indicate that the accuracy	2.5	2.5.1 2.5.2 2.5.3 2.5.4 2.5.5 2.5.6	3.4

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	of the environmental assessment has been verified and/or that the mitigation measures are effective.			
Follow-up programs	The Proponent shall update the information determined for each follow-up program pursuant to condition 2.5 during the implementation of each follow-up program, at a minimum frequency determined pursuant to condition 2.5.3, and in consultation with the party or parties being consulted during the development of each follow-up program.	2.6	NA	3.4
Follow-up programs	The Proponent shall provide the follow-up programs referred to in conditions 3.22, 3.23, 3.24, 4.4, 5.2.7, 6.4, 7.5 and 9.3, including the information determined for each follow-up program pursuant to condition 2.5 to the Agency and to the party or parties being consulted during the development of each follow-up program prior to the implementation of each follow-up program. The Proponent shall also provide any update(s) made pursuant to condition 2.6 to the Agency and to the party or parties being consulted during the development of each follow-up program within 30 days of the follow-up program being updated.	2.7	NA	3.4
	 The Proponent shall, where a follow-up program is a requirement of a condition set out in this Decision Statement: implement the follow-up program according to the information determined pursuant to condition 2.5; conduct 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); determine whether modified or additional mitigation measures are required based on the monitoring and analysis undertaken pursuant to condition 2.8.2; if modified or additional mitigation measures are required pursuant to condition 2.8.3, develop and implement these mitigation measures as soon as feasible and monitor them pursuant to condition 2.8.2. The Proponent shall notify the Agency in writing within 24 hours of any modified or additional mitigation measure being implemented. If the Proponent implements any additional or modified mitigation measure not previously submitted to the Agency pursuant to condition 2.5, the Proponent shall submit a detailed description of the measure(s) to the Agency within 7 days of their implementation; and report all results of the follow-up program to the Agency no later than March 31 following each reporting year during which the follow-up program is 	2.8	2.8.1 2.8.2 2.8.3 2.8.4 2.8.5	3.4

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	party or parties being consulted during the development of the follow-up program.			
Follow-up programs	Where consultation with Indigenous groups or Indigenous groups (marine shipping) is a requirement of a follow-up program, the Proponent shall discuss the follow-up program with each group and shall determine, in consultation with each group, opportunities for their participation in the implementation of the follow-up program, including the conduct of monitoring, the analysis and reporting of follow-up results and whether modified or additional mitigation measure(s) are required, as set out in condition 2.8.	2.9	NA	3.4
Annual reporting	 The Proponent shall prepare an annual report for each reporting year that sets out: the activities undertaken by the Proponent to comply with each of the conditions set out in this Decision Statement; how the Proponent complied with condition 2.1; for conditions set out in this Decision Statement for which consultation is a requirement, a summary of any views expressed and how the Proponent considered these views and information that the Proponent received during or as a result of the consultation; the information referred to in conditions 2.5 and any update to that information made pursuant to condition 2.6; for any conditions where implementation is specifically stated to be dependent in whole or in part upon economic or technical feasibility, and the Proponent determines it is not economically or technically feasible, the Proponent shall provide reasonable justification for why; a summary of the results of the follow-up program requirements identified in conditions 3.22, 3.23, 3.24, 4.4, 5.2.7, 6.4, 7.5 and 9.3; for any plan that is a requirement of a condition set out in this Decision Statement, any update(s) to the plan that have been made during the reporting year; and any modified or additional mitigation measure(s) implemented or proposed to be implemented by the Proponent, as determined pursuant to condition 2.8. 	2.10	2.10.1 2.10.2 2.10.3 2.10.4 2.10.5 2.10.6 2.10.7 2.10.8	1.4 2.4
Annual reporting	The Proponent shall submit to the Agency the annual report referred to in condition 2.10, including a plain language executive summary in both official languages, no later than March 31 following the reporting year to which the annual report applies.	2.11	NA	1.4
Annual reporting	The first reporting year for which the Proponent shall prepare an annual report pursuant to condition 2.10 shall start on the day the Minister of the Environment issues the	2.12	NA	1.4

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	Decision Statement pursuant to subsection 54 (1) of the Canadian Environmental Assessment Act, 2012.			
Information sharing	The Proponent shall publish on the Internet, or any medium which is publicly available, the annual reports and the executive summaries referred to in conditions 2.10 and 2.11, data analysis or reports related to the follow-up programs in conditions 3.22, 3.23, 3.24, 4.4, 5.2.7, 6.4 and 7.5, and 9.3, the reports related to vessel traffic information and accidents and malfunctions referred to in conditions 3.18, 12.4.3 and 12.4.4, the communication plans referred to in condition 7.3 and 12.5, the marine use and transportation plan referred to in condition 7.4, the schedules referred to in conditions 13.1, and 13.2, 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 Indigenous groups, Indigenous groups (marine shipping) and the Agency in writing of the availability of these documents within 48 hours of their publication.	2.13	NA	1.4
Information sharing	When the development of any plan is a requirement of a condition set out in this Decision Statement, the Proponent shall submit the plan to the Agency and to the party or parties being consulted during the development of the plan prior to construction, unless otherwise required through the condition.	2.14	NA	3.4
Change of Proponent	The Proponent shall notify Indigenous groups, Indigenous groups (marine shipping), the Agency and relevant authorities in writing no later than 30 days after the day on which there is any transfer of ownership, care, control or management of the Designated Project in whole or in part.	2.15	NA	1.5
Change to the Designated Project	If the Proponent is proposing to carry out the Designated Project in a manner other than described in condition 1.7, the Proponent shall notify the Agency in writing in advance of carrying out the proposed activities. As part of the notification, the Proponent shall provide: • a description of the proposed change(s) to the Designated Project and the environmental effects that may result from the proposed change(s); • any modified or additional measure(s) to mitigate any environmental effect that may result from the proposed change(s) and any modified or additional follow-up requirement(s); and • an explanation of how, taking into account any modified or additional mitigation measures referred to in condition 2.16.2, the environmental effects that may	2.16	2.16.1 2.16.2 2.16.3	1.6

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	result from the proposed change(s) may differ from the environmental effects of			
	the Designated Project identified during the environmental assessment.			
Change to the Designated Project	The Proponent shall provide to the Agency any additional information required by the Agency about the proposed change(s) referred to in condition 2.16, which may include the results of consultation with Indigenous groups, Indigenous groups (marine shipping), and relevant authorities on the proposed change(s) and environmental effects referred to in condition 2.16.1 and the modified or additional mitigation measures and follow-up requirements referred to in condition 2.16.2.	2.17	NA	1.6
Fish (including marine mammals) and fish habitat	The Proponent shall conduct in-water work activities during Fisheries and Oceans Canada's timing windows of least risk for the Designated Project area, unless otherwise permitted through authorization under the Fisheries Act by Fisheries and Oceans Canada.	3.1	NA	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall identify, prior to construction and in consultation with Indigenous groups, the Ministry of Land, Water, and Resource Stewardship, and other relevant authorities, any additional timing windows of reduced risk for in-water work activities for species in the Designated Project area, including eulachon (Thaleichthys pacificus), white sturgeon (Acipenser transmontanus), green sturgeon (Acipenser medirostris), salmonids, and fish that are listed as species at risk and conduct in-water work activities only during times that fall within both the reduced risk windows and the least risk windows in condition 3.1. The Proponent shall notify, prior to construction, the Agency of these reduced risk windows.	3.2	NA	5.0
Fish (including marine mammals) and fish habitat	If the Proponent must conduct in-water work activities outside Fisheries and Oceans Canada's timing windows of least risk, and is permitted to do so through authorization under the Fisheries Act, or must conduct in water work activities outside other reduced risk windows identified pursuant to condition 3.2, the Proponent shall have a qualified professional identify and provide justification for why these activities had to occur outside these windows and shall provide this information to Indigenous groups and the Agency as soon as feasible and prior to the start of the identified in-water work activities.	3.3	NA	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall have a qualified professional develop, prior to construction and in consultation with Indigenous groups, the Ministry of Land, Water, and Resource Stewardship, and any other relevant authorities, measures to avoid and mitigate impacts of the Designated Project on fish, including eulachon (Thaleichthys pacificus), white sturgeon (Acipenser transmontanus) and green sturgeon (Acipenser medirostris) related to fish presence in the vicinity of pile driving, dredging, and the dredge pocket once it is	3.4	3.4.1 3.4.2 3.4.3 3.4.4 3.4.5 3.4.6	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	established. The Proponent shall submit these measures to the Agency prior to the start of construction. As part of these measures the Proponent shall have a qualified professional: • identify any potential modified or additional mitigation measures, including stop work procedures; • identify the criteria or triggers related to fish presence and fish kills, including when fish are present within an area of potential harm, that would require the implementation of modified or additional mitigation measures identified pursuant to condition 3.4.1. The qualified professional shall identify the criteria or triggers that must be met in order for pile driving and dredging to begin or resume; • monitor for fish presence immediately prior to the start or restart of pile driving and dredging within the area of potential harm of these in-water work activities, as determined in consultation with Indigenous groups, the Ministry of Land, Water, and Resource Stewardship, and any other relevant authorities; • monitor for the presence of white sturgeon (Acipenser transmontanus) and green sturgeon (Acipenser medirostris) in the location of the dredge pocket once it is established; • determine the means, timing, frequency and location of monitoring in condition 3.4.3 and 3.4.4. Monitoring for sturgeon shall include the use of side-scan sonar with sufficient resolution to detect sturgeon; and • implement the mitigation measures identified in condition 3.4.1 if criteria and triggers established pursuant to condition 3.4.2 are reached as determined by monitoring pursuant to condition 3.4.3 and 3.4.4.			
Fish (including marine mammals) and fish habitat	The Proponent shall, during all phases of the Designated Project, record any observations of sturgeon death, injury or vessels strikes occurring within the Designated Project area. For any observed vessel strikes, the Proponent shall have a qualified professional to determine whether modified or additional mitigation measures are necessary to protect sturgeon from vessel strikes related to the Designated Project. The Proponent shall implement any mitigation measures identified by the qualified professional and provide the mitigation measure(s) to the Agency as soon as feasible.	3.5	NA	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall develop prior to construction and in consultation with Indigenous groups and relevant authorities, procedures to share the results of monitoring and any modified or additional mitigation measures implemented pursuant to condition 3.4 and	3.6	NA	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	3.5 with Indigenous groups and relevant authorities and implement these procedures			
	during all phases of the Designated Project. Fish kills shall be reported to Indigenous			
	groups, Fisheries and Oceans Canada, the Ministry of			
	Land, Water, and Resource Stewardship and any other relevant authorities as soon as			
	feasible.			
Fish (including	The Proponent shall develop prior to construction and implement during all phases of	3.7	NA	5.0
marine mammals)	the Designated Project, measures to control erosion, sedimentation and runoff within			
and fish habitat	the Designated Project area to avoid the deposit of sediment in water frequented by fish			
	and the adverse effects of sediment suspension and deposition on fish and fish habitat.			
	The Proponent shall submit these measures to the Agency prior to construction.			
Fish (including	The Proponent shall treat any storm water, water from dredged material, and water	3.8	NA	5.0
marine mammals)	discharges from sediment basins in accordance with the requirements of the Fisheries			
and fish habitat	Act taking into account British Columbia's Water Quality Guidelines for the Protection of			
	Aquatic Life before discharging that water into the environment during all phases of the			
	Designated Project. If the Proponent uses sediment basins to remove suspended			
	sediment prior to discharge, the Proponent shall locate these basins on previously			
	disturbed asphalt areas within the Designated Project area.			
Fish (including	The Proponent shall, when conducting ground stabilization using vibro-replacement	3.9	NA	5.0
marine mammals)	stone columns, use the bottom-feed method to reduce sediment dispersion in water			
and fish habitat	frequented by fish.			
Fish (including	The Proponent shall, when removing remnant creosote piles or temporary piles, identify	3.10	NA	5.0
marine mammals)	and implement measures to mitigate sediment dispersion and disturbance of habitats,			
and fish habitat	taking into account Fisheries and Oceans Canada's Guidelines to Protect Fish and Fish			
	Habitat from Treated Wood Used in Aquatic Environments in the Pacific Region (2000),			
	British Columbia's Guidelines for Use of Treated Wood in and Around Aquatic			
	Environments and Disposal of Treated Wood (2013), and Washington Department of			
	Natural Resources' Derelict Creosote Piling Removal and Disposal (2017), as updated.			
Fish (including	The Proponent shall develop, prior to construction and in consultation with Indigenous	3.11	3.11.1	5.0
marine mammals)	groups and Fisheries and Oceans Canada, measures to mitigate underwater noise		3.11.2	
and fish habitat	emitted from the Designated Project area. The Proponent shall implement the measures		3.11.3	
	during construction and operation including by:		3.11.4	
	 using vibratory pile driving instead of impact pile driving until a qualified 		3.11.5	
	professional determines that impact pile driving must be used to complete the			
	necessary installation of the piles;			
	 using sound attenuation devices around all impact pile driving activities; 			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 identify the means, location and frequency of underwater noise monitoring during inwater construction activities, including vibratory and impact pile driving, where sound levels have the potential to exceed the threshold of 206 decibels at a reference pressure of one micropascal within 10 metres of the inwater construction activity, and ensure that sound levels do not exceed this threshold. If monitoring results demonstrate that noise levels are likely to exceed this threshold, the Proponent shall halt work and implement modified or additional mitigation measures prior to restarting work; implementing soft-start procedures when conducting pile driving and construction and maintenance dredging activities. Soft-start procedures for dredging shall include beginning with lower levels of noise and movement; and sequencing in-water work to mitigate effects of compounded noise levels by multiple sources. 			
Fish (including marine mammals) and fish habitat	The Proponent shall have a qualified professional develop, prior to construction and in consultation with Indigenous groups, a marine mammal detection and response plan to prevent injury to marine mammals as it relates to noise from Designated Project activities. The Proponent shall implement the plan during all in-water work activities that pose a risk to marine mammals, including pile driving and construction and maintenance dredging, and have a qualified professional oversee the implementation of the plan. As part of the marine mammal detection and response plan, the Proponent shall: • establish thresholds for impulse and non-impulse noise taking into account the United States National Oceanic and Atmospheric Administration's 2018 Revision to: Technical Guidance for Assessing the Effects of Anthropogenic Sound on Marine Mammal Hearing (Version 2.0) Underwater Thresholds for Onset of Permanent and Temporary Threshold Shifts; • identify impulse and non-impulse noise generating Designated Project activities that are predicted to exceed the thresholds pursuant to conditions 3.12.1; • establish minimum marine mammal exclusion zone(s) for each activity identified in condition 3.12.2 based on the threshold(s) in condition 3.12.1 and implement and maintain these marine mammal exclusion zone(s) when carrying out these activities; • establish and implement marine mammal observation requirements, including visual monitoring by marine mammal observers of marine mammal exclusion	3.12	3.12.1 3.12.2 3.12.3 3.12.4 3.12.5 3.12.6 3.12.7 3.12.8	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 zone(s) identified in condition 3.12.3, in order to observe if a marine mammal enters the exclusion zone(s); stop Designated project activities identified in condition 3.12.2 if marine mammals are observed within the marine mammal exclusion zone(s) established in condition 3.12.3 for this activity and start or restart activities only once it has been visually confirmed that the marine mammal(s) are not within the exclusion zone(s) or if a minimum of 30 minutes has elapsed since the marine mammal was last sighted within the exclusion zone(s); conduct Designated Project activities identified in condition 3.12.2 when visibility within the marine exclusion zone(s) is such that marine mammal observers are able to observe the marine mammals that may appear within marine mammal exclusion zone(s), including during daylight hours; for those project activities identified in condition 3.12.2, identify the means, timing and location of underwater noise monitoring, including the monitoring of noise directly outside the exclusion zone(s) established in condition 3.12.3, and implement this monitoring; and if monitoring in condition 3.12.7 indicates that noise levels outside the exclusion zone(s) established in condition 3.12.3 exceed the thresholds established in condition 3.12.1, implement modified or additional mitigation measures. 			
Fish (including marine mammals) and fish habitat	The Proponent shall implement measures during construction and maintenance dredging activities to mitigate the release of sediments to the water column in water frequented by fish in a manner consistent with the Fisheries Act, taking into account the Fraser River Estuary Management Program Dredge Management Guidelines and Fisheries and Oceans Canada's Interim Code of Practice for Maintenance Dredging, including by: • operating the suction-head at a maximum distance of 1.5 m from the river bottom when using suction dredging.	3.13	3.13.1	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall, when undertaking in-water work activities, do so in a manner consistent with the Fisheries Act, taking into account British Columbia's Standards and Best Practices for Instream Works. In doing so, the Proponent shall: • when undertaking activities that use concrete, use pre-cast concrete, unless not technically feasible. If not technically feasible, the Proponent shall provide a justification to the Agency for why and isolate concrete from the receiving environment, using concrete tight forms or other equivalent method; and	3.14	3.14.1 3.14.2	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	use biodegradable hydraulic fluids when operating hydraulic machinery, unless not technically feasible. If not technically feasible, the Proponent shall provide justification to the Agency for why it is not technically feasible and shall develop and implement additional measures to avoid the release of non-biodegradable hydraulic fluids into water frequented by fish.			
Fish (including marine mammals) and fish habitat	The Proponent shall establish buffer zones along the Fraser River within the Designated Project area during all phases of the Designated Project to mitigate the impacts to fish and fish habitat. In doing so, the Proponent shall: • establish a 30-metre wide riparian management area along the Fraser River within the Designated Project area and maintain existing vegetation within this area, except for the purpose of constructing project components. If vegetation must be disturbed for the purpose of constructing project components, the Proponent shall do so pursuant to condition 4.1, provide the Agency with justification for why vegetation disturbance was unavoidable; • conduct onshore refueling in areas at least 50 m from watercourses; and • only stockpile onshore materials in areas south of the dyke.	3.15	3.15.1 3.15.2 3.15.3	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall develop measures, in consultation with Indigenous groups and Indigenous groups (marine shipping), Transport Canada and other relevant authorities, to mitigate the effects of underwater noise related to the Designated Project and reduce the risks and impacts of collisions between vessels associated with the Designated Project and marine mammals. The Proponent shall implement these measures during all phases of the Designated Project and submit these measures to the Agency prior to construction. Measures shall include: • requiring LNG vessels associated with the Designated Project to use established shipping lanes, where they exist, within the areas described in Figure 3.0 of the Certified Project Description unless interfering with safety or operational requirements; • requiring LNG vessels accompanied by tethered tugs and associated with the Designated Project not to exceed a speed of 10 knots while transiting in the Fraser River from the Sand Heads Lighthouse to the Designated Project area, unless interfering with safety, operational or regulatory requirements; • requiring LNG vessels associated with the Designated Project to adhere to the recommended vessel speeds in the slow down areas identified in the Vancouver	3.16	3.16.1 3.16.2 3.16.3 3.16.4 3.16.5 3.16.6 3.16.7 3.16.8	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	Program, or future equivalent program, unless interfering with safety, operational or regulatory requirements; • requiring that operators of LNG vessels associated with the Designated Project use the Coastal Ocean Research Institute's WhaleReport Alert System (WRAS) or other equivalent application while transiting the marine shipping assessment area to assist in the detection of cetaceans; • requiring that operators of LNG vessels associated with the Designated Project report any sightings of cetaceans within the marine shipping assessment area as soon it is safe to do so using the B.C Cetacean Sightings Network's WhaleReport system or other equivalent system for reporting observations of cetaceans in the Salish Sea; • requiring that operators of LNG vessel associated with the Designated Project undergo training on how to visually detect and navigate vessels safely in the presence of cetaceans in the Salish Sea using the Whales in Our Waters tutorial provided by the Vancouver Fraser Port Authority's Enhancing Cetacean Habitat and Observation (ECHO) Program or future equivalent training and apply this knowledge when navigating in the presence of cetaceans in the Salish Sea; • requiring that operators of LNG vessels associated with the Designated Project report any known collision(s) of these vessels with marine mammals to Fisheries and Oceans Canada via the Marine Mammal Incident Reporting hotline and the Proponent as soon as is feasible and within 24 hours of the incident in the areas described in Figure 3.0 of the Certified Project Description; and • requiring all LNG vessels to undergo inspections of their propellers according to all applicable regulatory requirements and at a frequency no less than every five-years and clean and maintain these propellers as required based on the results of these inspections.		ctause	Section
Fish (including marine mammals) and fish habitat	The Proponent shall notify Indigenous groups and Indigenous groups (marine shipping) of any known collisions of vessels associated with the Designated Project with marine mammals pursuant to condition 3.16.7 within 48 hours of receiving the report of the incident.	3.17	NA	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall identify prior to operation, and in consultation with Transport Canada, vessel traffic parameters that shall be collected and reported annually to verify the vessel traffic information described in the environmental assessment report relevant to project impacts on underwater noise and current use of lands, waters and resources	3.18	3.18.1 3.18.2 3.18.3 3.18.4	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	for traditional purposes. The Proponent shall report this information as part of the annual report pursuant to condition 2.10 and directly to Transport Canada, Fisheries and Oceans Canada and the Vancouver Fraser Port Authority. The Proponent shall review the parameters to be reported annually, at a frequency determined in consultation with Transport Canada. The vessel traffic parameters shall include the following: • the total number of LNG carrier calls to and from the jetty per year and the total number of bunkering vessel calls to and from the jetty per year; • approximate vessel sizes expressed in conventional dimensions, vessel ages, and primary fuel source; • the number of tugs escorting the carriers; and • the total number of vessel calls where the vessel is loaded for export.			
Fish (including marine mammals) and fish habitat	The Proponent shall develop, prior to construction, operational procedures in consultation with Indigenous groups to mitigate impacts to fish and fish habitat through bottom grounding and scouring from Designated Project-related vessels within the Designated Project area and implement these procedures during all phases of the Designated Project. The Proponent shall submit these procedures to the Agency prior to construction. In doing so, the Proponent shall: • identify shallow areas and require vessels associated with the Designated Project to avoid these areas, except when required to construct or repair project components.	3.19	3.19.1	5.0
Fish (including marine mammals) and fish habitat	The Proponent shall have a qualified professional develop, prior to construction and to the satisfaction of Fisheries and Oceans Canada and in consultation with Indigenous groups, Environment and Climate Change Canada and British Columbia's Ministry of Land, Water, and Resource Stewardship, any offsetting plan(s) related to fish and fish habitat associated with the carrying out of the Designated Project. The Proponent shall implement the plan(s) and submit any offsetting plan approved by Fisheries and Oceans Canada to the Agency before implementing it. In doing so, the Proponent shall: • establish performance standards for offset habitat function such that the offset habitat performance standards exceed the levels of function of the habitat being offset; • use plant species native to the Designated Project area and of value to migratory birds and plant species of importance to Indigenous groups as identified in condition 7.1, including plant species salvaged in condition 7.2 if technically feasible;	3.20	3.20.1 3.20.2 3.20.3 3.20.4 3.20.5 3.20.6	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 monitor, from the start of offsetting until performance standards are met, as determined by a qualified professional, the offset habitat to ensure the offset habitat meets or exceeds performance standards established in condition 3.20.1; identify and describe contingency measures that shall be implemented if monitoring pursuant to 3.20.3 indicates offset habitat is not meeting performance objective; include a proposed timeline for the implementation of the offsetting plan(s); and include a review of the effectiveness of offsetting plans previously implemented 			
Fish (including marine mammals) and fish habitat	in the region, where they are publicly available. The Proponent shall, for any fish habitat offsetting measure(s) proposed in any offsetting plan(s) referred to in condition 3.20 that may cause adverse environmental effects not considered in the environmental assessment, develop and implement, following consultation with Indigenous groups and relevant authorities, measures to mitigate those effects. The Proponent shall submit these measures to the Agency before implementing them.	3.21		5.0
Fish (including marine mammals) and fish habitat	 The Proponent shall develop, in consultation with Indigenous groups and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment and to determine the effectiveness of mitigation measures as it pertains to changes in water quality. The Proponent shall implement the follow-up program during all phases of the Designated Project. As part of the follow-up program, the Proponent shall: define the perimeter of the work areas around any activities that have the potential to exceed applicable turbidity and total suspended solids thresholds established in British Columbia's Water Quality Guidelines for the Protection of Aquatic Life and the Canadian Council of Ministers of the Environment's Water Quality Guidelines for Protection of Aquatic Life, including pile driving, removal of temporary piles, and construction and maintenance dredging activities, for the purpose of water quality monitoring described in condition 3.22.2; have a qualified individual monitor turbidity continuously and in real-time and monitor total suspended solids at the perimeter of the work areas defined in 3.22.1 when work activities for which perimeters have been established are taking place; and implement additional mitigation measures if total suspended solids and 	3.22	3.22.1 3.22.2 3.22.3	5.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	and total suspended solids thresholds established in British Columbia's Water			
	Quality Guidelines for the Protection of Aquatic Life or Canadian Council of			
	Ministers of the Environment's Water Quality Guidelines for Protection of			
	Aquatic Life, whichever is lower at the time that the Proponent takes action.			
Fish (including	The Proponent shall develop, in consultation with Indigenous groups and relevant	3.23		5.0
marine mammals)	authorities, a follow-up program to verify the accuracy of the environmental assessment			
and fish habitat	and to determine the effectiveness of mitigation measures included in conditions 3.1 to			
	3.15 as it pertains to fish and fish habitat. The Proponent shall implement the follow-up			
	program during all phases of the Designated Project.			
Fish (including	The Proponent shall develop, in consultation with Indigenous groups and relevant	3.24	3.24.1	5.0
marine mammals)	authorities, a follow-up program for fish and marine mammals, to verify the accuracy of		3.24.2	
and fish habitat	the environmental assessment and to determine the effectiveness of mitigation			
	measures as it pertains to changes in riverbed morphology in the Fraser River. The			
	Proponent shall implement the follow-up program during construction and operation. As			
	part of the follow-up program, the Proponent shall:			
	 conduct annual sounding surveys of the riverbed in the area described in Figure 			
	3.2 in appendix 4.1-1 of the Environmental assessment application to monitor			
	changes in riverbed elevation as a result of project-related scouring and erosion			
	during operation and implement modified or additional mitigation measures in			
	relation to mitigation measures identified pursuant to condition 3.19; and			
	conduct a bathymetric survey of the Fraser riverbed in the area described in			
	Figure 3.2 in appendix 4.1-1 of the Environmental assessment application every			
	five years throughout operation and analyze this data to determine impacts of			
	sediment removal from the Designated Project.			
Fish (including	The Proponent shall participate in regional environmental management initiatives	3.25	3.25.1	5.0
marine mammals)	including vessel management initiatives, or cumulative effects monitoring related to		3.25.2	
and fish habitat	marine shipping impacts on southern resident killer whale (Orcinus orca), current use of		3.25.3	
	lands, waters, and resources for traditional purposes, and air quality in the Salish Sea or			
	lower Fraser River, at the request of relevant authorities responsible for these initiatives.			
	The Proponent shall participate in regional initiatives in addition to those specified in			
	3.16.3 through 3.16.7 during construction and operation, where economically feasible			
	and within the care and control of the Proponent. In doing so, the Proponent shall:			
	notify relevant authorities responsible for these regional management			
	initiatives, including the Oceans Protection Plan and Whales Initiative, of the			
	Proponent's willingness to participate in these initiatives beginning prior to			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	construction and subsequently throughout operation at a frequency determined in consultation with those relevant authorities being notified; • report annually to the Indigenous groups and Indigenous groups (marine			
	shipping) and the Agency on how the Proponent has participated in any of these			
	initiatives. If the Proponent has not participated in these initiatives, the			
	Proponent shall provide justification for why it has not participated; and			
	 implement any additional technically and economically feasible mitigation 			
	measures or follow-up program, within its care and control, identified through any initiative referred to in condition 3.25.			
Migratory Birds	The Proponent shall carry out the Designated Project in a manner that protects migratory	4.1	NA	6.0
	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 Guidelines to avoid harm to migratory birds.			
Migratory Birds	The Proponent shall, for any vegetation clearing undertaken within the riparian	4.2	NA	6.0
	management area pursuant to condition 3.15.1, do so outside of the applicable bird			
	nesting periods as identified in Environment and Climate Change Canada's General			
	nesting periods for migratory birds, unless not technically feasible. The Proponent shall			
	notify Indigenous groups as soon as feasible of any vegetation clearing in the riparian			
	management area that occurs during these nesting periods, provide a justification for			
	why vegetation disturbance during these nesting periods was unavoidable, and the			
	additional measures taken to protect migratory birds pursuant to condition 4.1.			
Migratory Birds	The Proponent shall develop prior to construction and in consultation with Indigenous	4.3	NA	6.0
	groups, Environment and Climate Change Canada and other relevant authorities and			
	implement during all phases of the Designated Project, measures to control lighting			
	required for the operation of the Designated Project within the Designated Project area			
	to mitigate the adverse environmental effects of lighting on migratory birds, including the			
	direction, timing, intensity, and glare of light fixtures, unless interfering with safety,			
	operational, or regulatory requirements.			
Migratory Birds	The Proponent shall develop, prior to construction and in consultation with Indigenous	4.4	NA	6.0
	groups, Environment and Climate Change Canada and other relevant authorities, and			
	implement during all phases of the project, a follow-up program to verify the predictions			
	of the environmental assessment and to determine the effectiveness of mitigation			
	measures pursuant to condition 4.3 as it pertains to the effect of artificial light from the			
	Designated Project area on migratory birds.			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
Vegetation and	The Proponent shall conduct progressive reclamation of areas disturbed by the	5.1	NA	7.0
Wetlands	Designated Project during all phases of the Designated Project.			
Vegetation and	The Proponent shall, for adverse effects of the Designated Project on wetlands that	5.2	5.2.1	7.0
Wetlands	cannot be avoided or minimized, have a qualified professional develop prior to		5.2.2	
	construction and in consultation with Indigenous groups, Environment and Climate		5.2.3	
	Change Canada and other relevant authorities, and implement a wetland compensation		5.2.4	
	plan to offset residual effects of the Designated Project on wetland functions not already		5.2.5	
	accounted for as part of the offsetting plan(s) required in condition 3.20, taking into		5.2.6	
	account Environment and Climate Change Canada's Operational Framework for		5.2.7	
	Conservation Allowances and the habitat needs for migratory birds and listed species at			
	risk. In doing so, the Proponent shall:			
	 establish performance standards for wetland habitat function, including criteria 			
	by which wetland functions will be measured, such that the compensation			
	habitat performance standards exceed the levels of function of the habitat			
	being compensated;			
	 ensure that the wetland compensation habitat area is larger than the area of the 			
	wetland habitat being compensated as described in Table 4.7-11 in the			
	Environmental assessment application;			
	 use plant species native to the Designated Project area and of value to migratory 			
	birds and plant species of importance to Indigenous groups as identified in			
	condition 7.1, including plant species salvaged in condition 7.2 if technically			
	feasible;			
	 develop and implement measures to address the loss of wetland functions for 			
	all wetlands adversely affected by the Designated Project activities including			
	estuarine marsh, riparian mudflat and riparian fringe to meet the objective of no			
	net wetland loss;			
	 conduct preconstruction field surveys to delineate the wetland functions of 			
	wetlands that are anticipated to be adversely affected by Designated Project			
	activities, including estuarine marsh, riparian mudflat and riparian fringe, and			
	use this information to inform compensation performance standards pursuant			
	to condition 5.2.1;			
	 prioritize wetland restoration over enhancement and wetland enhancement 			
	over creation, on-site compensation over off-site compensation, and sites in			
	close-proximity to the Designated Project area over those farther away; and			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	develop a follow-up program in consultation with Indigenous groups, Environment and Climate Change Canada and other relevant authorities to determine the effectiveness of the wetland compensation plan and verify the predictions of the environmental assessment as it pertains to the effects of the Designated Project on wetlands. In doing so, the Proponent shall: ohave a qualified professional monitor the compensation habitat from the start of compensation annually for a minimum of five years and until performance standards established pursuant to condition 5.2.1 have been met or exceeded.			
Health of Indigenous peoples	The Proponent shall develop, in consultation with Indigenous groups and relevant authorities, and implement noise reduction measures within the Designated Project area during all phases of the Designated Project to avoid or reduce potential adverse environmental effects on the health of Indigenous groups and their current use of lands, waters and resources. In doing so, the Proponent shall: • develop, prior to construction and in consultation with Indigenous groups, procedures and timing for notifying Indigenous groups of the construction schedule. Notification of Indigenous groups of the construction activities.	6.1	6.1.1	8.0
Health of Indigenous peoples	The Proponent shall develop, prior to construction and in consultation with Indigenous groups, a protocol for receiving complaints related to the exposure to noise from the Designated Project. The Proponent shall respond to any noise complaints within 48 hours of the complaint being received and shall implement corrective actions to reduce exposure to noise in a timely manner. The Proponent shall implement the protocol during all phases of the Designated Project.	6.2	NA	8.0
Health of Indigenous peoples	The Proponent shall develop, prior to construction and in consultation with Indigenous groups, Environment and Climate Change Canada, the Ministry of Environment and Climate Change Strategy, Metro Vancouver and other relevant authorities, an air quality management plan to reduce and control air emissions of pollutants related to Designated Project activities and the impacts of these emissions on the health of Indigenous peoples during all phases of the Designated Project. As part of the plan, the Proponent shall: • develop and implement mitigation measures to reduce and control air emissions, including:	6.3	6.3.1 6.3.2 6.3.3	8.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 undertaking routine maintenance of vehicles associated with the Designated Project according to the manufacturer's schedule of phases of the Designated Project; developing and implementing a policy to restrict idling time for project vehicles and reduce engine use for all vessels berthing the Designated Project area during all phases of the Designated The Proponent shall require that all persons abide by this policinot technically feasible or not feasible for health or safety rease Proponent shall submit the policy to the Agency prior to construction and repair program for fugitive emissions from the liquefied natural gas conveyance system throughout construction and operation. The Proponent shall suprogram to the Agency prior to construction; requiring, during all phases of the Designated Project, all LNG associated with the Designated Project to have a mechanism to venting of boil-off gas to the atmosphere while in transit, and under mechanism except in cases of emergency as determined by the captain; identifying and implementing measures to mitigate emissions of fugitive dust; ensuring that the total number of calls to the Designated Project LNG vessels, excluding LNG barges driven by tugs, that use crubased fuels including diesel as their primary fuel, shall not exceed the calls annually; determine the frequency with which the plan shall be reviewed and updand if additional mitigation measures are identified and implemented follow updating of the plan pursuant to 6.3.2, the Proponent shall also provide on the estimated reductions in air emissions and fugitive dust associate these measures. If no additional measures are identified during the reviewed appropriate the pursuant to condition 6.3.2, the Proponent shall provide justific 	during all rall within d Project. y, unless ons. The ruction; ubmit the vessels o prevent tilize this e vessel of ct area by ude-oil eed 13 dated; ving the e details ed with iew and		
Health of Indigenous peoples	The Proponent shall develop, prior to construction, and implement during opera follow-up program to verify the accuracy of the environmental assessment as it to effects on air quality as it relates to the health of Indigenous peoples, taking it account the Canadian Ambient Air Quality Standards and British Columbia Air Q	pertains nto	NA	8.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	Objectives. The Proponent shall develop and implement the follow-up program in consultation with Indigenous groups, Environment and Climate Change Canada, the Ministry of Environment and Climate Change Strategy, Metro Vancouver and other relevant authorities.			
Current use of lands, waters and resources	The Proponent shall identify, prior to construction and in consultation with Indigenous groups and relevant authorities, plant species native to the Designated Project area and species of interest to Indigenous groups to use for revegetation as part of progressive reclamation pursuant to condition 5.1.	7.1	NA	9.0
Current use of lands, waters and resources	The Proponent shall salvage and transplant wetland plant species, including those of interest to Indigenous groups identified in condition 7.1 prior to vegetation clearing and relocate plants to reclaimed areas in condition 5.1 or offsetting habitats in condition 3.20 and 5.2, where possible.	7.2	NA	9.0
Current use of lands, waters and resources	 The Proponent shall develop and implement a Marine Communication Plan related to Designated Project activities and their interactions with other marine use activities within the marine shipping assessment area, in consultation with Indigenous groups, Indigenous groups (marine shipping), Transport Canada and other relevant authorities. The Proponent shall develop the Marine Communication Plan prior to construction and implement it during all phases of the Designated Project. The Proponent shall include in the Marine Communication Plan: the type of information related to planned activities associated with the Designated Project that the Proponent will communicate to Indigenous groups, Indigenous groups (marine shipping) and other marine users, including anticipated vessel traffic schedules; procedures to communicate the information referred to in condition 7.3.1 to Indigenous groups, Indigenous groups (marine shipping) and other marine users, including timing of distribution of this information; procedures for Indigenous groups, Indigenous groups (marine shipping) and other marine users to provide feedback to the Proponent on adverse effects related to marine use as a result of Designated Project activities; and procedures for the Proponent to document and respond in a timely manner to feedback provided pursuant to condition 7.3.3, and to demonstrate how feedback has been addressed. 	7.3	7.3.1 7.3.2 7.3.3 7.3.4	9.0
Current use of lands, waters and resources	The Proponent shall develop and implement a Marine Use and Transportation Plan related to Designated Project activities interactions with other marine use activities within the Fraser River from the Sand Heads Lighthouse through the Designated Project	7.4	7.4.1 7.4.2 7.4.3	9.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	area in consultation with Indigenous groups, and other relevant authorities. The		7.4.4	
	Proponent shall develop the Marine Use and Transportation Plan prior to construction		7.4.5	
	and implement it during all phases of the Designated Project. As part of the Marine Use			
	and Transportation Plan, the Proponent shall:			
	 identify and describe the following information: 			
	o non-project related marine uses and navigation from the Sand Heads			
	Lighthouse through the Designated Project area, including commercial			
	and non-commercial marine transportation routes and use areas;			
	 Indigenous traditional use activities, including fishing and harvesting, 			
	as communicated by Indigenous groups, and the locations and			
	anticipated timing of these activities. Locations and timing windows of			
	fishing activities shall include information related to Fisheries and			
	Oceans Canada fishing licences under the Aboriginal Communal			
	Fishing Licences Regulations identified by Indigenous groups and via			
	any publicly accessible information on recently issued licences under			
	this regulation;			
	 location and timing of planned Designated Project activities during 			
	construction and operation, habitat offsetting and compensation			
	pursuant to condition 3.20 and 5.2, planned annual shutdowns of the			
	jetty for maintenance, and marine safety protocol(s) and their			
	associated implementation procedures to maintain navigation and			
	safety;			
	review annually, at a minimum three months prior to the start of the calendar			
	year, in consultation with Indigenous groups and other relevant authorities, the			
	anticipated locations and timing of open fisheries windows for Fisheries and			
	Oceans Canada fishing licences under the Aboriginal Communal Fishing			
	Licences Regulations and other Indigenous traditional uses identified during the			
	development of the plan pursuant to condition 7.4.1.2, taking into account any			
	of Fisheries and Oceans Canada's publicly accessible information on recently			
	issued licences under this regulation, and update this information as needed;			
	 develop and implement communication procedures for the Proponent to: 			
	o communicate the information referred to in conditions 7.4.1, including			
	updates of this information to Indigenous groups, other marine users			
	and relevant authorities during all phases of the Designated Project;			

SECTION TOPIC	DESCRIPTION		Clause	Sub clause	Report Section
	developed Indigent under Formmer Committee Committe	receive complaints from Indigenous groups and other marine users during all phases of the Designated Project on adverse effects related to navigation and marine use as result of Designated Project activities in this area, including marine shipping, and document and respond in a timely manner to complaints received, demonstrating how feedback has been addressed; engage in two-way communication with Indigenous groups in real-time about open or soon-to-be open fisheries windows for fishing licences issued under Fisheries and Oceans Canada's Aboriginal Communal Fishing Licences Regulations and other Indigenous traditional uses for the purpose of informing the implementation of measures in condition 7.4.4.1 through 7.4.4.6; and implement measures to mitigate Designated Project effects on tous traditional use activities, including Indigenous fishers operating Fisheries and Oceans Canada fishing licences under the Aboriginal unal Fishing Licences Regulations, on the Fraser River from Sand Heads on the Designated Project area. Measures shall include:			
	_	the Designated Project area. Measures shall include: 48-hour periods during which the Proponent shall not receive or release LNG carriers from the Designated Project marine jetty during open fisheries windows for Tsawwassen First Nation fishing licences issued under the Aboriginal Communal Fishing Licences Regulations for eight consecutive weekends (Saturday and Sunday) commencing July 1 and four consecutive weekends (Saturday and Sunday) commencing October 1, unless otherwise agreed to with Tsawwassen First Nation in a separate LNG carrier agreement; 12-hour periods (07:00 h to 19:00 h) on Saturdays and Sundays during which the Proponent shall not receive or release LNG bunker vessels from the Designated Project marine jetty during open fisheries windows for Tsawwassen First Nation fishing licences issued under the Aboriginal Communal Fishing Licences Regulations for eight consecutive weekends (Saturday and Sunday) commencing July 1 and four consecutive weekends (Saturday and Sunday) commencing October 1;			

SECTION TOPIC DESCRIPTION	Clause	Sub clause	Report Section
Designated Project marine jetty during ope Tsawwassen First Nation fishing licences i Communal Fishing Licences Regulations of weekends (Saturday and Sunday) commer consecutive weekends (Saturday and Sundunless otherwise agreed to with Tsawwass adjusting the LNG carrier call schedules to carrier transits to and from the Designated anticipated open fisheries windows for fish the Fisheries and Oceans Canada's Aborig Licences Regulations that are updated am 7.4.2, to the extent that these adjustments operational requirements; synchronizing LNG bunker vessel arrivals a marine jetty with regularly scheduled marithe Designated Project during open fisheri licences issued under the Aboriginal Command Regulations outside of the periods describ through 7.4.4.3, unless not feasible for tection implementing protocols to adjust LNG care times at the Designated Project marine jet the allotted vessel loading window during fishing licences issued under the Aboriginal Licences Regulations, as communicated to other relevant authorities, outside of the pathrough 7.4.4.3; receiving a maximum of 365 LNG vessel caincluding up to a maximum of 68 calls from calendar year; providing opportunities for safety training for to marine navigation in the area immediate Designated Project area; and determine the frequency with which the plan shall consultation with the Indigenous groups and relevation with the Indigenous gro	ssued under the Aboriginal over eight consecutive noting July 1 and four day) commencing October 1, sen First Nation; oreduce the number of LNG I Project marine jetty during ning licences issued under ginal Communal Fishing nually pursuant to condition ado not interfere with at and departures from the ne traffic not associated with es windows for fishing munal Fishing Licences and in conditions 7.4.4.1 Schnical or safety reasons; rier arrival and departure ty while still remaining within open fisheries windows for al Communal Fishing oy Indigenous groups and eriods described in 7.4.4.1 Schnical in each calendar year, in LNG carriers in each service in the condition of the carriers in each service in the carriers in each service and in the carriers in each service e	clause	Section

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	Proponent shall share the updated plan with Indigenous groups and relevant authorities in a timely manner. In doing so, the Proponent shall: o review the measures developed in 7.4.4 and update with any new or modified measures to mitigate Designated Project effects on Indigenous traditional use activities, including Indigenous fishers operating under Fisheries and Oceans Canada fishing licences issued under the Aboriginal Communal Fishing Licences Regulations, taking into account the results of the follow-up program in condition 7.5, updated information identified in condition 7.4.1 and complaints received pursuant to 7.4.3.			
Current use of lands, waters and resources	The Proponent shall develop, prior to construction and in consultation with Indigenous groups and relevant authorities, a follow-up program to verify the accuracy of the environmental assessment as it pertains to adverse environmental effects of the Designated Project on navigation and marine use, including Fisheries and Oceans Canada licensed fishing for food, social or ceremonial purposes by Indigenous groups within the Fraser River from the Sand Heads Lighthouse through the Designated Project area, and determine the effectiveness of mitigation measures developed and updated pursuant to condition 7.4.4 and 7.4.5.1. The Proponent shall implement the follow-up program during all phases of the Designated Project.	7.5	NA	9.0
Physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural significance	The Proponent shall develop, in consultation with Indigenous groups, and conduct prior to construction an archaeological impact assessment of the Designated Project area. The Proponent shall take into account British Columbia's Archaeological Impact Assessment Guidelines when developing and implementing the archaeological impact assessment.	8.1	NA	10.0
Physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural significance	The Proponent shall have a qualified professional develop, prior to construction and in consultation with Indigenous groups and relevant authorities, and implement, during all phases of the Designated Project, a Cultural and Archaeological Resources Management Plan for any physical and cultural heritage features, structures, sites, or things of historical, archaeological, paleontological, or architectural significance within the Designated Project area that are previously unidentified or identified through the heritage effects assessment conducted by the Proponent during the environmental	8.2	8.2.1 8.2.2 8.2.3 8.2.4 8.2.5 8.2.6 8.2.7	10.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	assessment or the archaeological impact assessment conducted pursuant to condition 8.1. The Cultural and Archaeological Resources Management Plan shall include: • protocols to respect the discovery, handling, recognition, recording, transferring and safekeeping of any of these discovered features, structures, sites or things including protocols to prevent unauthorized access to any discovered structure, site or thing; • procedures to record, analyze, and mitigate the adverse environmental effects of the Designated Project on any of these discovered features, structures, sites or things; • a process for reporting information about these discovered features, structures, sites or things to Indigenous groups and relevant authorities; • a chance find procedure to apply in the event that any previously unidentified features, structures, sites or things is discovered by the Proponent. As part of the chance find procedure the Proponent shalt: • immediately halt work at the location of the discovery, except for actions required to be undertaken to protect the integrity of the discovery; • delineate an area of at least 30 metres around the discovery as a nowork zone; • have a qualified individual whose expertise pertains to the requirements of British Columbia's Archaeological Impact Assessment Guidelines and the British Columbia Heritage Conservation Act conduct an assessment at the location of the discovery taking into account these guidelines; • inform Indigenous groups and the Agency within 24 hours of the discovery, and allow Indigenous groups to monitor archaeological works; • a process for informing employees and contractors associated with the Designated Project about: • how to implement the protocols and procedures developed pursuant to conditions 8.2.1 through 8.2.4; • the locations of sensitive cultural areas within the Designated Project area; • cultural sensitivity, confidentiality and heritage values in relation to these sensitive cultural areas within the Designated Project area;			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 demonstrate how Indigenous knowledge and traditional use studies conducted as part of the environmental assessment and the results of the archaeological impact assessment conducted pursuant to condition 8.1 have been integrated into the development of the Plan as well as how traditional knowledge protocols will be respected and how traditional knowledge will be kept confidential, if required; and a description of the impacts of activities associated with the Designated Project on any discovered structure, site or thing within the Designated Project area. 			
Physical and cultural heritage and structures, sites or things of historical, archaeological, paleontological or architectural significance	The Proponent shall develop, prior to construction, nation-specific measures additional to those measures developed and implemented in conditions 7.4 to address or mitigate the effects on tangible and intangible cultural losses caused by the construction and operation of the Designated Project, in consultation with those Indigenous groups experiencing the effects, as described in the environmental assessment report. The Proponent shall invite these Indigenous groups to co-lead the development of these measures. The Proponent shall implement the measures during all phases of the Designated Project and shall submit these measures to the Agency prior to implementing them, while ensuring that confidential information is protected. As part of the annual report referred to in condition 2.10, the Proponent shall report its discussions with the Indigenous groups, including the level of satisfaction of Indigenous groups on the implementation of the measures. As part of the measures, the Proponent shall consider: • developing or contributing to Indigenous-led programs to preserve and enhance cultural heritage, including language and cultural well-being.	8.3	8.3.1	10.0
Wildlife and species at risk	The Proponent shall develop, in consultation with Indigenous groups and Environment and Climate Change Canada, and implement measures to mitigate the effects of the Designated Project on barn owl (Tyto alba) during construction and operation. In doing so, the Proponent shall have a qualified professional: • conduct nocturnal and diurnal pre-construction surveys to identify barn owl (Tyto alba) roosting habitat within the Designated Project area and, if surveys indicate the presence of roosting habitat, use this information to inform the locations of mitigation measures described in conditions 9.1.2 and 9.1.3; • identify types and locations for physical barriers along Designated Project roads within the care and control of the Proponent to reduce road-associated mortality risk for barn owls (Tyto alba). The Proponent shall install these barriers	9.1	9.1.1 9.1.2 9.1.3	11.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 prior to construction and maintain them throughout construction and operation; and identify timing of installation, locations and setbacks of acoustic screens and install and maintain acoustic screens according to these specifications during construction and operation within the Designated Project area. 			
Wildlife and species at risk	The Proponent shall develop, in consultation with Indigenous groups and Environment and Climate Change Canada, measures to mitigate Designated Project effects on northern red-legged frog (Rana aurora). In doing so, the Proponent shall have a qualified professional: • conduct pre-construction surveys to identify breeding habitat for northern redlegged frog (Rana aurora) within the Designated Project area; • establish no work buffer zones for habitat identified pursuant to condition 9.2.1 taking into account British Columbia's Guidelines for Amphibian and Reptile Conservation during Urban and Rural Land Development in British Columbia, except where required to construct project components; and • salvage and relocate northern red-legged frog (Rana aurora) to suitable habitat prior to conducting any construction activities within the habitat identified pursuant to condition 9.2.2, taking into account British Columbia's Best Management Practices for Amphibian and Reptile Salvages in British Columbia.	9.2	9.2.1 9.2.2 9.2.3	11.0
Wildlife and species at risk	The Proponent shall develop, prior to construction and in consultation with Indigenous groups and Environment and Climate Change Canada a follow-up program to verify the predictions of the environmental assessment and determine the effectiveness of mitigation measures as it pertains to barn owl (Tyto alba). The Proponent shall implement the follow-up program during all phases of the Designated Project. In doing so, the Proponent shall: • monitor to determine the effectiveness of physical barriers installed to reduce vehicle collision with barn owl (Tyto alba), pursuant to condition 9.1.2.	9.3	9.3.1	11.0
Indigenous monitors	The Proponent shall retain, prior to construction, the services of Indigenous monitors to participate in monitoring and surveys set out in this Decision Statement, including follow-up monitoring required pursuant to condition 7.5 and the analysis and reporting of monitoring and survey results. Prior to retaining the services of Indigenous monitors, the Proponent shall undertake a collaborative process to determine, in consultation with Indigenous groups, the scope, purpose and objectives of the participation of Indigenous monitors, and details of participation. The Proponent shall provide the information to the Agency prior to construction. In doing so the Proponent shall determine:	10.1	10.1.1 10.1.2	3.2

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 how each Indigenous monitor shall be involved, including the location, frequency, timing and duration of their participation. If opportunities for Indigenous monitor participation in specific monitoring or surveys does not exist, the Proponent shall provide a justification for why; and how the Proponent shall support the participation of Indigenous monitors, including through the provision of training (including safety or skills certifications), equipment (including personal protective equipment) and access to the Designated Project area. 			
Independent Environmental Monitor	The Proponent shall retain, prior to construction, the services of a third-party independent environmental monitor, who is a qualified professional with a minimum of five-years' experience as it pertains to environmental monitoring in British Columbia and who has experience working with Indigenous groups and monitoring in-water work activities. The Proponent shall require the independent environmental monitor to independently observe and record on the implementation of the conditions set out in this Decision Statement and to report findings to the Proponent and Agency. The Proponent shall retain the services of the independent environmental monitor during construction and for a period of time during operation to be determined in consultation with Indigenous groups, not to be less than 3 years.	11.1	NA	3.3
Independent Environmental Monitor	The Proponent shall require the independent environmental monitor to report to Indigenous groups and the Agency, in writing, prior to or concurrent with reporting to the Proponent, if, in their view, any Designated Project activity does not comply with any condition set out in this Decision Statement during construction and at least the first three years of operation. The Proponent shall also require the independent environmental monitor to recommend to Indigenous groups, the Proponent and the Agency, in writing, which actions(s), in their view, should be taken by the Proponent with respect to any Designated Project activity that does not comply during construction and at least the first three years of operation with any condition set out in this Decision Statement.	11.2	NA	3.3
Independent Environmental Monitor	The Proponent shall require the independent environmental monitor to retain the information reported to the Proponent pursuant to condition 11.2 for five years following submission to the Agency.	11.3	NA	3.3
Accidents and malfunctions	The Proponent shall take all reasonable measures to prevent accidents and malfunctions that may result in adverse environmental effects and shall mitigate any adverse environmental effects that do occur as a result of accidents and malfunctions.	12.1	NA	12.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
Accidents and malfunctions	The Proponent shall, prior to construction, consult with Indigenous groups, Indigenous groups (marine shipping), Environment and Climate Change Canada, Transport Canada and other relevant authorities on the measures to be implemented to prevent accidents and malfunctions within the Designated Project area, including the measures referred to in condition 12.1.	12.2	NA	12.0
Accidents and malfunctions	The Proponent shall, prior to construction and in consultation with Indigenous groups, Environment and Climate Change Canada, Transport Canada and other relevant authorities, develop an accident and malfunction response plan consistent with any applicable integrated response plan guidance issued by relevant authorities for Designated Project activities occurring within the Designated Project area. The Proponent shall implement the response plan during all phases of the Designated Project and shall submit the plan to the Agency prior to implementation. The accident and malfunction response plan shall include: • the types of accidents and malfunctions, including fires and the release of LNG and other substances, that may cause adverse environmental effects; • for each type of accident and malfunction identified pursuant to condition 12.3.1 and their associated response activities, the measures to be implemented by the Proponent to mitigate any adverse environmental effect(s) caused by the accident or malfunction and their associated response activities, including any equipment the Proponent will provide in the case of a marine shipping spill or emergency response related to LNG vessels; • for each type of accident and malfunction identified pursuant to condition 12.3.1, a description of the roles and responsibilities of each organization and other partners, including local governments, involved in the response to the accident or malfunction and the mobilization of equipment related to each party; • thresholds for reporting and notification of those organizations and partners identified pursuant to 12.3.3; • implementation by the Proponent of spill response exercises for spills, beginning prior to the Designated Project commencing the transfer of LNG to vessels, and a process for how the Proponent shall document any deficiency observed during these training exercises, update the Accident and Malfunction Response Plan to address these deficiencies and provide the results of the	12.3	12.3.1 12.3.2 12.3.3 12.3.4 12.3.5 12.3.6	12.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	development of the Plan. Training exercises shall include opportunities for			
	participation by Indigenous groups and relevant authorities; and			
	 a description of how conditions 12.3.1 through 12.3.4 are consistent with any 			
	applicable integrated response plan guidance issued by relevant authorities.			
Accidents and	In the event of an accident or malfunction with the potential to cause adverse	12.4	12.4.1	12.0
malfunctions	environmental effects, including an accident or a malfunction referred to in condition		12.4.2	
	12.3.1, the Proponent shall immediately implement the measures appropriate to the		12.4.3	
	accident or malfunction referred to in condition 12.3.2 and shall:		12.4.4	
	 implement the communication plan referred to in condition 12.5; 			
	 notify, as soon as feasible through verbal communication, Environment and 			
	Climate Change Canada, Transport Canada, other relevant authorities,			
	Indigenous groups, Indigenous groups (marine shipping), or other marine users			
	of the accident or malfunction as applicable pursuant to condition 12.3.4 and			
	12.5.1, and notify the Agency in writing no later than 24 hours following the			
	accident or malfunction. When notifying Indigenous groups, Indigenous groups			
	(marine shipping), other marine users and the Agency, the Proponent shall			
	specify:			
	 the date and time when and location where the accident or malfunction occurred; 			
	 a summary description of the accident or malfunction; 			
	o a list of any substances potentially released into the environment as a			
	result of the accident or malfunction;			
	submit a written report to the Agency no later than 30 days after the day on			
	which the accident or malfunction occurred. The written report shall include:			
	o a detailed description of the accident or malfunction and of its actual			
	and potential adverse environmental effects;			
	o a description of the measures that were taken by the Proponent to			
	mitigate the adverse environmental effects caused by the accident or			
	malfunction;			
	o any view(s) from Indigenous groups and Indigenous groups (marine			
	shipping), and other marine users and advice from relevant authorities			
	received with respect to the accident or malfunction, its adverse			
	environmental effects and the measures taken by the Proponent to			
	mitigate these adverse environmental effects;			

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 a description of any residual adverse environmental effects and any modified or additional measures required by the Proponent to mitigate residual adverse environmental effects; details concerning the implementation of the accident or malfunction response plan referred to in condition 12.3; and submit a written report to the Agency no later than 90 days after the day on which the accident or malfunction occurred that includes a description of the changes made to avoid a subsequent occurrence of the accident or malfunction and of the modified or additional measure(s) implemented by the Proponent to mitigate and monitor residual adverse environmental effects and to carry out any required progressive reclamation, taking into account the information submitted in the written report pursuant to condition 12.4.3. The report shall include all additional views from Indigenous groups, Indigenous groups (marine shipping), and other marine users and advice from relevant authorities received by the Proponent since the views and advice referred to in condition 12.4.3.3 were received by the Proponent. 			
Accidents and malfunctions	The Proponent shall develop in consultation with Indigenous groups a communication plan for accidents and malfunctions identified pursuant to condition 12.3. The Proponent shall develop the communication plan prior to construction and shall implement and keep it up to date during all phases of the Designated Project. The plan shall include: • the types of accidents and malfunctions requiring the Proponent to notify the respective Indigenous groups, and other marine users; • the manner by which Indigenous groups, and other marine users wish to be notified by the Proponent of: • an accident or malfunction identified in condition 12.5.1 during each phase of emergency; • any impacts on current use of lands, waters and resources as a result of accidents or malfunction including the duration and extent of fishing exclusion zones and impacts to known archaeological resources; • opportunities for the Indigenous groups, to assist in the response to the accident or malfunction; • procedures for receiving, documenting and responding in a timely manner to feedback from Indigenous groups and other marine users on adverse effects	12.5	12.5.1 12.5.2 12.5.3 12.5.4	12.0

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	 identified pursuant to 12.5.1. Responses shall demonstrate how feedback received has been considered and addressed; and the contact information of the representatives of the Proponent that the Indigenous groups may contact with questions or feedback related to the accident or malfunction and of the representatives of the respective Indigenous groups to which the Proponent provides notification and procedures to verify that this contact information remains up-to-date during all phases of the Designated Project. 			
Accidents and malfunctions	The Proponent shall develop prior to the start of construction and in consultation with Indigenous groups, Indigenous groups (marine shipping), Canadian Coast Guard, Transport Canada and other relevant authorities, a marine shipping emergency response outreach program that identifies the actions the Proponent shall take in relation to accidents and malfunctions of LNG vessels in transit to or from the Designated Project area within the areas described in Figure 3 of the Certified Project Description. The Proponent shall implement the plan during all phases of the Designated Project and shall provide the plan to the Agency prior to implementation. As part of the plan the Proponent shall: • identify equipment and resources that the Proponent is able to provide to assist with an emergency response to a marine shipping accident, including spills; • provide LNG safety training to relevant authorities, Indigenous groups and organizations and other partners, including local governments, involved in the response to LNG-related marine shipping accidents and malfunctions at their request; and • participate, at the request of the Canadian Coast Guard, Transport Canada or other relevant authorities, in the development of all applicable integrated response plans, the coordination of marine shipping incident response, or exercises related to marine shipping incident response.	12.6	12.6.1 12.6.2 12.6.3	12.0
Schedules	The Proponent shall submit to Indigenous groups and the Agency a schedule for all conditions set out in this Decision Statement no later than 60 days prior to the start of construction. This schedule shall detail all activities planned to fulfill each condition set out in this Decision Statement and the commencement and estimated completion month(s) and year(s) for each of these activities.	13.1	NA	2.2
	The Proponent shall submit to Indigenous groups and the Agency a schedule outlining all activities required to carry out all phases of the Designated Project no later than 60 days	13.2	NA	2.2

SECTION TOPIC	DESCRIPTION	Clause	Sub clause	Report Section
	prior to the start of construction. The schedule shall indicate the commencement and			
	estimated completion month(s) and year(s) and duration of each of these activities.			
	The Proponent shall submit to the Indigenous groups and the Agency in writing an	13.3	NA	2.2
	update to schedules referred to in conditions 13.1 and 13.2 every year no later than			
	March 31, until completion of all activities referred to in each schedule.			
Record keeping	The Proponent shall maintain all records relevant to the implementation of the	14.1	NA	1.3
	conditions set out in this Decision Statement. The Proponent shall retain the records			
	and make them available to the Agency 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. The Proponent shall provide the			
	aforementioned records to the Agency upon demand within a timeframe specified by the			
	Agency.			
	The Proponent shall retain all records referred to in condition 14.1 at a facility in Canada	14.2	NA	1.3
	and shall provide the address of the facility to the Agency. The Proponent shall notify the			
	Agency at least 30 days prior to any change to the physical location of the facility where			
	the records are retained, and shall provide to the Agency the address of the new			
	location.			
	The Proponent shall notify the Agency of any change to the contact information of the	14.3	NA	1.3
	Proponent included in this Decision Statement.			